

**Minutes of 133<sup>rd</sup> SEAC-3 meeting scheduled on 27<sup>th</sup> & 28<sup>th</sup> January, 2022 through Video Conference**

In view of sudden increase in present pandemic situation of COVID-19, Maharashtra SEIAA directed SEAC-3 to appraise the proposals by using information technology facilities. Hence, SEAC-3 initiated to appraise the proposals received by the SEIAA through Videoconferencing technology on Zoom platform. **The meeting was scheduled on above dates however due to medical emergencies the meeting was rescheduled on 7<sup>th</sup> & 8<sup>th</sup> February 2022. Due to sad demise of Bharatratna Late Lataji Mangeshkar Government of Maharashtra declared holiday on 7<sup>th</sup> February hence the meeting was again rescheduled on 8<sup>th</sup> & 9<sup>th</sup> February.** The online agenda on Parivesh Portal was of date 27<sup>th</sup> & 28<sup>th</sup> January 2022 which could not be Changed hence the minutes are being displayed as of date of meeting published on Parivesh Portal.

|                                |           |                                                         |
|--------------------------------|-----------|---------------------------------------------------------|
| Dr. Deepak Mhaisekar, IAS Rtd. | Chairman  | <i>8<sup>th</sup> and 9<sup>th</sup> February, 2022</i> |
| Shri Mukund Pathak             | Member    | <i>8<sup>th</sup> and 9<sup>th</sup> February, 2022</i> |
| Shri Dattatraya Thorat         | Member    | <i>8<sup>th</sup> and 9<sup>th</sup> February, 2022</i> |
| Shri Kiran Acharekar           | Member    | <i>8<sup>th</sup> and 9<sup>th</sup> February, 2022</i> |
| Dr. Aseem Gokarn Harwansh      | Member    | <i>8<sup>th</sup> and 9<sup>th</sup> February, 2022</i> |
| Shri. Narendra Toke            | Secretary | <i>8<sup>th</sup> and 9<sup>th</sup> February, 2022</i> |

Chairman welcomed the members to the 133<sup>rd</sup> SEAC III Meeting.

**Discussion Item- 1:-** Correction in Minutes of Sr No 14 of 130th SEAC-3 meeting held on 29.12.21..

**Correction in Minutes of 130<sup>th</sup> Meeting :-** A letter requesting correction in 130th Minutes received from “M/s. Palash Relators LLP, vide letter dated 29<sup>th</sup> December, 2021. It is noted that, the PP has submitted the application for prior EC Minutes of 130th meeting are corrected .

| Sr. No. & Name of Project                                                                  | Minutes uploaded                                                                                                                                                 | Corrected Minutes                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Meeting number-130-<br>S. No. 14-SIA/MH/MIS<br>/229975/2021<br><br>M/s Palash Realtors LLP | Proposed Total Built-up Area<br>(FSI & Non-FSI) (m2)-<br>31987.20sq. mt.<br>Proposed FSI area - 19038.36sq.<br>mt.<br>Proposed Non FSI area -<br>12948.84sq. mt. | Proposed Total Built-up Area<br>(FSI & Non-FSI) (m2)- 31709.45 sq. mt.<br>Proposed FSI area – 20787.36sq. mt.<br>Proposed Non FSI area - 10922.09 sq.<br>mt.                                                      |
|                                                                                            | Bldg A (Comm/Sale)-<br>2B+LG+UG1+UG2+15 floors<br>- Ht-68.15 m<br>Bldg B (Rehab/SRA)<br>- G+2P+10 floors- Ht- 38.85 m                                            | Bldg A (Comm/Sale)- Basement<br>1+Basement 2+ LG+UG1+UG2+1st<br>Floor+2nd Floor Parking+ 15 Floors- Ht-<br>75.65 m<br>Bldg B (Rehab/SRA)- Stilt+1st Floor<br>Parking+2nd Floor Parking+ 10 Floors-<br>Ht- 39.45 m |

|  |      |                            |                                                                                                                                                |
|--|------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|  | P-01 | SIA/MH/MIS/<br>214170/2021 | Proposed Commercial and Residential<br>Buildings on S No 85/4 CTS NO 1552 (P)<br>Village Mundhwa Tehsil Haveli Dist Pune<br>for Ahura Builders |
|--|------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

Representative of PP along with Environmental consultant M/s. Pollution and Ecology Control Services Pvt Ltd. Nagpur

It is noted that, the PP has submitted the application for amendment and expansion in Environmental clearance for total plot area of 11,900 m<sup>2</sup>, FSI area of 33849.91m<sup>2</sup>, Non FSI area of 17639.25m<sup>2</sup> and total BUA of 51489.16 m<sup>2</sup>.

Brief information of the proposal is as below:

|     |                                         |                                                                                                                                                                            |                                                                                                        |
|-----|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 1.  | Proposal Number                         | PARIVESH NO: MIS/214170                                                                                                                                                    |                                                                                                        |
| 2.  | Name of Project                         | Proposed Expansion in Project at Proposed Commercial and Residential Buildings on S No 85/4, CTS NO 1552 (P), Village Mundhwa, Tehsil Haveli, Dist Pune for Ahura Builders |                                                                                                        |
| 3.  | Project category                        | Schedule 8(a) Category B2                                                                                                                                                  |                                                                                                        |
| 4.  | Type of Institution                     | Private                                                                                                                                                                    |                                                                                                        |
| 5.  | Project Proponent                       | Name                                                                                                                                                                       | Mr Pankaj Dalichand Vohra,Ahura Builders                                                               |
|     |                                         | Regd. Office address                                                                                                                                                       | 3, Business Embassy,1205/3/3, Shivajinagar,Behind Adidas Showroom, Off Jangli Maharaj Road,Pune 411004 |
|     |                                         | Contact number                                                                                                                                                             | 9822002223                                                                                             |
|     |                                         | e-mail                                                                                                                                                                     | pankajvohra7000@gmail.com                                                                              |
| 6.  | Applied for                             | Expansion in Existing EC                                                                                                                                                   |                                                                                                        |
| 7.  | Details of previous EC                  | Yes. Environmental Clearance Obtained by SIA/MH/MIS/116735/2019 number. Dated 31.01.2020                                                                                   |                                                                                                        |
| 8.  | Location of the project                 | S no 85/4, CTS No 1552 (P), Village - Mundhwa, Tehsil - Haveli, Dist - Pune, State - Maharashtra, Pin code 411004                                                          |                                                                                                        |
| 9.  | Latitude and Longitude                  | 18°31'47.98"N, 73°54'54.97"E                                                                                                                                               |                                                                                                        |
| 10. | Total Plot Area (m <sup>2</sup> )       | 11900                                                                                                                                                                      |                                                                                                        |
| 11. | Deductions (m <sup>2</sup> )            | 5293.26                                                                                                                                                                    |                                                                                                        |
| 12. | Net Plot area (m <sup>2</sup> )         | 6606.74                                                                                                                                                                    |                                                                                                        |
| 13. | Proposed FSI area (m <sup>2</sup> )     | 33849.91                                                                                                                                                                   |                                                                                                        |
| 14. | Proposed Non-FSI area (m <sup>2</sup> ) | 17639.25                                                                                                                                                                   |                                                                                                        |
| 15. | Proposed TBUA (m <sup>2</sup> )         | 51489.16                                                                                                                                                                   |                                                                                                        |

|     |                                                                                                                                                                                                                            |                        |               |                                  |                                  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------|----------------------------------|----------------------------------|
| 16. | TBUA (m2) approved by Planning Authority till date                                                                                                                                                                         | 51489.16               |               |                                  |                                  |
| 17. | Total Project Cost (Rs.)                                                                                                                                                                                                   | 943600000              |               |                                  |                                  |
| 18. | CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                                                             | Activity               | Location      | Cost (Rs.)                       | Duration                         |
|     |                                                                                                                                                                                                                            | -----                  |               |                                  |                                  |
| 19. | Details of Building Configuration :<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh><br>Previous EC / Existing Building |                        |               |                                  | Reason for Modification / Change |
|     | Building Name                                                                                                                                                                                                              | Configuration          | Building Name | Configuration                    |                                  |
|     | -                                                                                                                                                                                                                          | -                      | Building A    | 2B+Gr.+ Mezz + Podium + 11 Floor | 43.50                            |
|     | -                                                                                                                                                                                                                          | -                      | Building B    | 2B+2P+ Podium + 12 Floor         | 42.9                             |
|     | -                                                                                                                                                                                                                          | -                      | Building C    | 2B+2P+ Podium + 12 Floor         | 42.9                             |
|     | -                                                                                                                                                                                                                          | -                      | Building D    | 2B+2P+ Podium + 12 Floor         | 42.9                             |
|     | -                                                                                                                                                                                                                          | -                      | Building E    | 2B+2P+ Podium + 12 Floor         | 42.9                             |
|     | -                                                                                                                                                                                                                          | -                      | Building F    | 2B+2P+ Podium + 12 Floor         | 42.9                             |
| 20. | Total number of tenements                                                                                                                                                                                                  | 240 & 120 Shops        |               |                                  |                                  |
| 21. | Water Budget                                                                                                                                                                                                               | Dry Season (CMD)       |               | Wet Season (CMD)                 |                                  |
|     |                                                                                                                                                                                                                            | Fresh Water            | 138.02        | Fresh Water                      | 384.28                           |
|     |                                                                                                                                                                                                                            | Recycled               | 99.36         | Recycled                         | 75.42                            |
|     |                                                                                                                                                                                                                            | Swimming Pool          | 14.812        | Swimming Pool                    | 14.812                           |
|     |                                                                                                                                                                                                                            | Flushing               | 75.42         | Flushing                         | 75.42                            |
|     |                                                                                                                                                                                                                            | Total                  | 15049.38      | Total                            | 213.4                            |
|     |                                                                                                                                                                                                                            | Waste water generation | 192.10        | Waste water generation           | 192.10                           |

|     |                                                  |                                                                                                                                                                                                       |                                    |                                  |                                                 |
|-----|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|-------------------------------------------------|
| 22. | Water Storage Capacity for Firefighting / UGT    | As per NOC                                                                                                                                                                                            |                                    |                                  |                                                 |
| 23. | Source of water                                  | PMC                                                                                                                                                                                                   |                                    |                                  |                                                 |
| 24. | Rainwater Harvesting (RWH)                       | Level of the Ground water table                                                                                                                                                                       |                                    | 15-20m                           |                                                 |
|     |                                                  | Size and no of RWH tank(s) and Quantity                                                                                                                                                               |                                    | N.A.                             |                                                 |
|     |                                                  | Quantity and size of recharge pits                                                                                                                                                                    |                                    | Quantity: 9 Nos & Size: 2mX2mX2m |                                                 |
|     |                                                  | Details of UGT tanks if any                                                                                                                                                                           |                                    | Domestic                         | 210                                             |
|     |                                                  |                                                                                                                                                                                                       |                                    | Flushing                         | 100                                             |
|     |                                                  |                                                                                                                                                                                                       |                                    | Fire                             | As per NOC                                      |
| 25. | Sewage and Waste water                           | Sewage generation in CMD                                                                                                                                                                              | 192.10                             |                                  |                                                 |
|     |                                                  | STP technology                                                                                                                                                                                        | MBBR                               |                                  |                                                 |
|     |                                                  | Capacity of STP (CMD)                                                                                                                                                                                 | 200                                |                                  |                                                 |
| 26. | Solid Waste Management during Construction Phase | Type                                                                                                                                                                                                  | Quantity (kg/d)                    |                                  | Treatment / disposal                            |
|     |                                                  | Dry waste                                                                                                                                                                                             | 3                                  |                                  | Through authorized agency                       |
|     |                                                  | Wet waste                                                                                                                                                                                             | 2                                  |                                  | Through authorized agency                       |
|     |                                                  | Construction waste                                                                                                                                                                                    | 5                                  |                                  | Through authorized agency                       |
| 27. | Solid Waste Management during Operation Phase    | Type                                                                                                                                                                                                  | Quantity (kg/d)                    |                                  | Treatment / disposal                            |
|     |                                                  | Dry waste                                                                                                                                                                                             | 354                                |                                  | Handed over to Authorized Agency                |
|     |                                                  | Wet waste                                                                                                                                                                                             | 432                                |                                  | In-situ Composting                              |
|     |                                                  | Hazardous waste                                                                                                                                                                                       | Negligible                         |                                  | Negligible                                      |
|     |                                                  | Biomedical waste                                                                                                                                                                                      | N.A.                               |                                  | N.A.                                            |
|     |                                                  | E-Waste                                                                                                                                                                                               | 4.11                               |                                  | Handed over to Authorized Dismantler / Recycler |
|     |                                                  | STP Sludge (dry)                                                                                                                                                                                      | 18                                 |                                  | In-situ Composting                              |
| 28. | Green Belt Development                           | Total RG area (m2)                                                                                                                                                                                    | 660.67                             |                                  |                                                 |
|     |                                                  | Existing trees on plot                                                                                                                                                                                | 84                                 |                                  |                                                 |
|     |                                                  | Number of trees to be planted                                                                                                                                                                         | 83                                 |                                  |                                                 |
|     |                                                  | Number of trees to be cut                                                                                                                                                                             | 0                                  |                                  |                                                 |
|     |                                                  | Number of trees to be transplanted                                                                                                                                                                    | NIL                                |                                  |                                                 |
| 29. | Power requirement                                | Source of power supply                                                                                                                                                                                | MSDCL                              |                                  |                                                 |
|     |                                                  | During Construction Phase (Demand Load)                                                                                                                                                               | 75 kW                              |                                  |                                                 |
|     |                                                  | During Operation phase (Connected load)                                                                                                                                                               | 2523 kW                            |                                  |                                                 |
|     |                                                  | During Operation phase (Demand load)                                                                                                                                                                  | 1423 kW                            |                                  |                                                 |
|     |                                                  | Transformer                                                                                                                                                                                           | 630 kVA X 3 Nos.                   |                                  |                                                 |
|     |                                                  | DG set                                                                                                                                                                                                | 250 kVA X 1 Nos. + 500 kVA x 1 Nos |                                  |                                                 |
|     |                                                  | Fuel used                                                                                                                                                                                             | HSD                                |                                  |                                                 |
| 30. | Details of Energy saving                         | Most of the common area & external lighting are proposed to work on high energy efficient lamps(LED) as specified in bureau of energy efficiency which again results in saving in general consumption |                                    |                                  |                                                 |

|     |                                                                                    |                                                                                                                                                                                                                                                                                                                                                       |                                                   |                             |                 |                       |                      |  |
|-----|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------|-----------------|-----------------------|----------------------|--|
|     |                                                                                    | Low loss Transformers due to which 6.22% losses are saved against conventional transformer.<br>Power Capacitors are proposed for load power factor correction and to maintain a healthy power situation. This also results in less demand load factor for the project. Solar PV, Hot Water, Solar Street Lights, Energy Efficient Motors are proposed |                                                   |                             |                 |                       |                      |  |
| 31. | Environmental Management plan budget during Construction phase                     | No.                                                                                                                                                                                                                                                                                                                                                   | Details                                           |                             | Cost            |                       |                      |  |
|     |                                                                                    | 1                                                                                                                                                                                                                                                                                                                                                     | Water for Construction, Labour & Dust Suppression |                             | Rs. 4 Lacs      |                       |                      |  |
|     |                                                                                    | 2                                                                                                                                                                                                                                                                                                                                                     | Site Sanitation & Health & Safety PPE Kits        |                             | Rs. 3 Lacs      |                       |                      |  |
|     |                                                                                    | 3                                                                                                                                                                                                                                                                                                                                                     | Environmental Monitoring                          |                             | Rs. 4 Lacs      |                       |                      |  |
|     |                                                                                    | 4                                                                                                                                                                                                                                                                                                                                                     | Disinfection & Health & Safety                    |                             | Rs. 3 Lacs      |                       |                      |  |
|     |                                                                                    | 5                                                                                                                                                                                                                                                                                                                                                     | Health Check up                                   |                             | Rs. 3 Lacs      |                       |                      |  |
| 32. | Environmental Management plan Budget during Operation phase                        | Component                                                                                                                                                                                                                                                                                                                                             |                                                   | Details                     |                 | Capital (Rs. In Lacs) | O&M (Rs. In Lacs/Yr) |  |
|     |                                                                                    | Sewage treatment                                                                                                                                                                                                                                                                                                                                      |                                                   | Waste Water Management      |                 | 16.50                 | 10.76                |  |
|     |                                                                                    | RWH                                                                                                                                                                                                                                                                                                                                                   |                                                   | RWH Pits                    |                 | 6.75                  | 1.35                 |  |
|     |                                                                                    | Solid Waste                                                                                                                                                                                                                                                                                                                                           |                                                   | Organic Waste Composting    |                 | 5.5                   | 1.5                  |  |
|     |                                                                                    | Green belt development                                                                                                                                                                                                                                                                                                                                |                                                   | Tree Plantation             |                 | 11.83                 | 1.90                 |  |
|     |                                                                                    | Energy saving                                                                                                                                                                                                                                                                                                                                         |                                                   | Energy Conservation         |                 | 51.35                 | 2.69                 |  |
|     |                                                                                    | Environmental Monitoring                                                                                                                                                                                                                                                                                                                              |                                                   | Pollution Control           |                 | 0                     | 6                    |  |
|     |                                                                                    | Disaster Management                                                                                                                                                                                                                                                                                                                                   |                                                   | Fire & LA                   |                 | 124.37                | 6.22                 |  |
|     |                                                                                    | PPE Kits Health & Safety                                                                                                                                                                                                                                                                                                                              |                                                   | Biomedical Waste Management |                 | 0                     | 1                    |  |
| 33. | Traffic Management                                                                 | Type                                                                                                                                                                                                                                                                                                                                                  | Required as per DCR                               |                             | Actual Provided |                       | Parking Area (m2)    |  |
|     |                                                                                    | 4-Wheeler                                                                                                                                                                                                                                                                                                                                             | 280                                               |                             | 280             |                       | 8497.08              |  |
|     |                                                                                    | 2-Wheeler                                                                                                                                                                                                                                                                                                                                             | 1054                                              |                             | 1054            |                       |                      |  |
|     |                                                                                    | Bicycles                                                                                                                                                                                                                                                                                                                                              | 0                                                 |                             | 0               |                       |                      |  |
| 34. | Details of Court cases / litigation w.r.t. the project and project location if any | NA                                                                                                                                                                                                                                                                                                                                                    |                                                   |                             |                 |                       |                      |  |

PP stated that, they have received Environmental Clearance vide letter dated 3<sup>rd</sup> January, 2020 for total built up area 39143.89 Sq.mt. PP further stated that, only excavation was started on site.

PP stated that, now they are proposing expansion. PP informed that, the proposed amendment/expansion in the EC due to change in permissible FSI Potential under the UDCPR-2020. Earlier the EC was for commercial building however the present proposal is for residential and commercial building. PP stated that, the plot area of the project remain same. PP further informed that six Monthly compliance reports are submitted to regional office MoEFCC Nagpur. Ro certified Compliance is awaited.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to submit the certified compliance report from Regional office MoEF & CC.
2. PP to provide conical manhole to be connected to Sewerage Disposal System of Planning authority.
3. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.
4. As agreed during presentation Additions driveway to be provided for Fire tender Movement.
5. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|----|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. | P-2A | SIA/MH/MIS/<br>221174/2021 | Proposed Commercial Project “Platinum Tower” at S. No.28/3/1, Damodar Nagar, Old Nagar-Mundhwa Road, Off Nagar Road, Tukaram Nagar, Kharadi, Pune by M/s. Avishkar Arista Developers LLP. |
|----|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Environment Consultant & PP stated that, as per circular issued by SEIAA vide dated 29<sup>th</sup> November, 2021 they have re submitted the application under expansion category & requested to withdraw the proposal under consideration. Committee noted & accepted the same, hence application is forwarded to SEIAA with the recommendation to allow PP to withdraw the Proposal.

**Decision: -**

**In view of above, the application is forwarded to SEIAA with the recommendation that PP may be allowed to withdraw the project.**

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|    |      |                            |                                                                                                                                                                                           |
|----|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. | P-02 | SIA/MH/MIS/2453<br>93/2021 | “Proposed Commercial Project “Platinum Tower” at S. No.28/3/1, Damodar Nagar, Old Nagar-Mundhwa Road, Off Nagar Road, Tukaram Nagar, Kharadi, Pune by M/s. Avishkar Arista Developers LLP |
|----|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

PP along with environmental consultant M/s. VK:E Environmental attended the meeting.

It is noted that, the PP has submitted the application for expansion in Residential and Commercial for total plot area of 8,094.50 m<sup>2</sup>, FSI area of 21,133.62 m<sup>2</sup>, Non FSI area of 12,454.64 m<sup>2</sup> and total BUA of 33,588.26 m<sup>2</sup>.

Brief information of the proposal is as below:

|     |                                         |                                                                                                                                                                                                                                 |                                                                            |
|-----|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1.  | Proposal Number                         | SIA/MH/MIS/245393/2021                                                                                                                                                                                                          |                                                                            |
| 2.  | Name of Project                         | Expansion in Environment Clearance for Proposed Commercial Project "Platinum Tower" at S. No.28/3/1, Damodar Nagar, Old Nagar-Mundhwa Road, Off Nagar Road, Tukaram Nagar, Kharadi, Pune by M/s. Avishkar Arista Developers LLP |                                                                            |
| 3.  | Project category                        | 8(a) Building & construction projects.                                                                                                                                                                                          |                                                                            |
| 4.  | Type of Institution                     | Private                                                                                                                                                                                                                         |                                                                            |
| 5.  | Project Proponent                       | Name                                                                                                                                                                                                                            | Mr. Mohnish Advani                                                         |
|     |                                         | Regd. Office address                                                                                                                                                                                                            | Office no. T-7, S. No. 157A, Jeejeebhoy Towers, Ghorpadi Gaon, Pune 411001 |
|     |                                         | Contact number                                                                                                                                                                                                                  | 7767077370                                                                 |
|     |                                         | e-mail                                                                                                                                                                                                                          | mohnish@aadvani.com                                                        |
| 6.  | Consultant                              | VK:e Environmental LLP Pune.                                                                                                                                                                                                    |                                                                            |
| 7.  | Applied for                             | Expansion in Environment Clearance                                                                                                                                                                                              |                                                                            |
| 8.  | Details of previous EC                  | Environment Clearance Vide SEIAA-EC-0000001410 dated 13 March 2019 Total Plot Area: 8094.50 Sq.m FSI: 15869.15 sqm, Non FSI: 14528.98 sqm & Total BUA: 30398.13 sqm                                                             |                                                                            |
| 9.  | Location of the project                 | S.No.28/3/1, Damodar Nagar, Old Nagar-Mundhwa Road, Off Nagar Road, Tukaram Nagar, Kharadi, Pune. 411014                                                                                                                        |                                                                            |
| 10. | Latitude and Longitude                  | 18°32'53.83"N<br>73°55'47.61"E                                                                                                                                                                                                  |                                                                            |
| 11. | Total Plot Area (m <sup>2</sup> )       | 8,094.50                                                                                                                                                                                                                        |                                                                            |
| 12. | Deductions (m <sup>2</sup> )            | 2,625.60                                                                                                                                                                                                                        |                                                                            |
| 13. | Net Plot area (m <sup>2</sup> )         | 6,198.27                                                                                                                                                                                                                        |                                                                            |
| 14. | Proposed FSI area (m <sup>2</sup> )     | 21,133.62                                                                                                                                                                                                                       |                                                                            |
| 15. | Proposed non-FSI area (m <sup>2</sup> ) | 12,454.64 sqm                                                                                                                                                                                                                   |                                                                            |
| 16. | Proposed TBUA (m <sup>2</sup> )         | 33,588.26 sqm                                                                                                                                                                                                                   |                                                                            |

|    |                                                                                           |                                               |                                                                                 |               |                                                    |                                  |
|----|-------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------|---------------|----------------------------------------------------|----------------------------------|
| 17 | TBUA (m2) approved byPlanning Authority till date                                         | Sanction in process                           |                                                                                 |               |                                                    |                                  |
| 18 | Ground coverage (m2) & %                                                                  | 2349.57 & 37.90%                              |                                                                                 |               |                                                    |                                  |
| 19 | Total Project Cost (Rs.)                                                                  | 985000000                                     |                                                                                 |               |                                                    |                                  |
| 20 | CER as per MoEF & CC circular dated 01/05/2018 (will be submitted at the time of meeting) | Activity                                      | Location                                                                        | Cost (Rs.)    | Duration                                           |                                  |
|    |                                                                                           | -----                                         |                                                                                 |               |                                                    |                                  |
| 21 | Details of Building Configuration:                                                        |                                               |                                                                                 |               |                                                    | Reason for Modification / Change |
|    | Previous EC / Existing Building                                                           |                                               | Proposed Configuration                                                          |               |                                                    |                                  |
|    | Building Name                                                                             | Configuration                                 | Height (m)                                                                      | Building Name | Configuration                                      | Height (m)                       |
|    | Building 1                                                                                | 2 B + LG+UG+2 floor+2 Parking floor+ 6 floors | 9.60                                                                            | Building 1    | B2+B1 +LG+UG+ 2 floor + 2 Parking Floor + 7 floors | 45.90                            |
| 22 | Total number of tenements                                                                 |                                               | No. of Shops: 74 nos.<br>No. of Restaurant: 24 nos.<br>No. of Offices: 179 nos. |               |                                                    |                                  |
| 23 | Total number of populations                                                               |                                               | 2418                                                                            |               |                                                    |                                  |
| 23 | Water Budget                                                                              | Dry Season (CMD)                              |                                                                                 |               | Wet Season (CMD)                                   |                                  |
|    |                                                                                           | Fresh Water                                   |                                                                                 | 49            | Fresh Water                                        | 49                               |
|    |                                                                                           | Recycled (landscape)                          |                                                                                 | 7             | Recycled(landscape)                                | 00                               |
|    |                                                                                           | Swimming Pool                                 |                                                                                 | 00            | Swimming Pool                                      | 00                               |
|    |                                                                                           | Flushing                                      |                                                                                 | 44            | Flushing                                           | 44                               |
|    |                                                                                           | Total                                         |                                                                                 | 100           | Total                                              | 93                               |
|    |                                                                                           | Wastewater Generation                         |                                                                                 | 72            | Wastewater generation                              | 72                               |
| 24 | Water Storage Capacity for Firefighting /                                                 | 272 KLD                                       |                                                                                 |               |                                                    |                                  |

|    |                                                  |                                          |                                                                      |                                                                                                                                           |
|----|--------------------------------------------------|------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|    | UGT                                              |                                          |                                                                      |                                                                                                                                           |
| 25 | Source of water                                  | Pune Municipal Corporation               |                                                                      |                                                                                                                                           |
| 26 | Rainwater Harvesting (RWH)                       | Level of the Ground water table:         | Pre-Monsoon: 20-28 bgl<br>Post Monsoon: 5-6 bgl                      |                                                                                                                                           |
|    |                                                  | Size and no of RWH tank(s) and Quantity: | NA                                                                   |                                                                                                                                           |
|    |                                                  | Quantity and size of recharge pits:      | 3 nos. 2mX2mX3m                                                      |                                                                                                                                           |
|    |                                                  | Details of UGT tanks if any:             | NA                                                                   |                                                                                                                                           |
| 27 | Sewage and Wastewater                            | Sewage generation in CMD:                | 80 KLD                                                               |                                                                                                                                           |
|    |                                                  | STP technology:                          | MBBR                                                                 |                                                                                                                                           |
|    |                                                  | Capacity of STP (CMD):                   | 80 KLD                                                               |                                                                                                                                           |
| 28 | Solid Waste Management during Construction Phase | Type                                     | Quantity (kg/d)                                                      | Treatment / disposal                                                                                                                      |
|    |                                                  | Dry waste:                               | 8 kg/day                                                             | The maximum construction waste will be used within the site for Leveling purposes and base course preparation of internal approach roads. |
|    |                                                  | Wet waste:                               | 12 kg/day                                                            |                                                                                                                                           |
|    |                                                  | Construction waste                       | 20 kg/day                                                            |                                                                                                                                           |
| 29 | Solid Waste Management during Operation Phase    | Type                                     | Quantity (kg/d)                                                      | Treatment / disposal                                                                                                                      |
|    |                                                  | Dry waste:                               | 416                                                                  | Handed over to authorized recycle for further handling & disposal purpose                                                                 |
|    |                                                  | Wet waste:                               | 385                                                                  | Wet waste will be treated in on-site Organic waste Converter machine.                                                                     |
|    |                                                  | Hazardous waste:                         | NA                                                                   | NA                                                                                                                                        |
|    |                                                  | Biomedical waste                         | NA                                                                   | NA                                                                                                                                        |
|    |                                                  | E-Waste                                  | 7                                                                    | Handed over to authorized recycle for further handling & disposal purpose                                                                 |
|    |                                                  | STP Sludge (dry)                         | 4.9                                                                  | Will be used as manure                                                                                                                    |
|    |                                                  |                                          |                                                                      |                                                                                                                                           |
| 30 | Green Belt Development                           | Total RG area (m2):                      | 729.37 sqm                                                           |                                                                                                                                           |
|    |                                                  | Existing trees on plot:                  | 220                                                                  |                                                                                                                                           |
|    |                                                  | Number of trees to be planted:           | 120 trees has been planted at another location outside plot boundary |                                                                                                                                           |

|    |                                                                |                                                                                                     |                                                                                                   |                                            |                     |                 |                       |
|----|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|-----------------|-----------------------|
|    |                                                                |                                                                                                     | as per PMC                                                                                        |                                            |                     |                 |                       |
|    |                                                                | Number of trees to be cut:                                                                          |                                                                                                   | 02                                         |                     |                 |                       |
|    |                                                                | Number of trees to be transplanted:                                                                 |                                                                                                   | 38 trees transplanted inside plot boundary |                     |                 |                       |
| 31 | Power requirement:                                             | Source of power supply:                                                                             |                                                                                                   | MSEDCL                                     |                     |                 |                       |
|    |                                                                | During Construction Phase (Demand Load):                                                            |                                                                                                   | 67 KVA                                     |                     |                 |                       |
|    |                                                                | During Operation phase (Connected load):                                                            |                                                                                                   | 2692.13                                    |                     |                 |                       |
|    |                                                                | During Operation phase (Demand load):                                                               |                                                                                                   | 1832.16                                    |                     |                 |                       |
|    |                                                                | Transformer:                                                                                        |                                                                                                   | 3 Nos of 630 KVA                           |                     |                 |                       |
|    |                                                                | DG set:                                                                                             |                                                                                                   | 2 X 910 KVA                                |                     |                 |                       |
|    |                                                                | Fuel used:                                                                                          |                                                                                                   | HSD                                        |                     |                 |                       |
| 32 | Details of Energy saving                                       | Total Energy Saving on total load of project 3.8 %<br>Energy saving due to Solar-5 % of demand load |                                                                                                   |                                            |                     |                 |                       |
| 33 | Environmental Management plan budget during Construction phase | Type                                                                                                | Details                                                                                           |                                            | Cost per year (Rs.) |                 |                       |
|    |                                                                | 1                                                                                                   | Air Environment-Erosion control – dust Suppression measures, barricading and topsoil preservation |                                            | 6,80,000/-          |                 |                       |
|    |                                                                | 2                                                                                                   | Land- Labour Camp toilets & sanitation.                                                           |                                            | 9,60,000/-          |                 |                       |
|    |                                                                | 3                                                                                                   | Health and Safety -Labour Safety Equipment's and training                                         |                                            | 8,00,000/-          |                 |                       |
|    |                                                                | 4                                                                                                   | Health facility- Disinfection and Health Check-ups                                                |                                            | 1,26,000/-          |                 |                       |
|    |                                                                | 5                                                                                                   | Environment management cell                                                                       |                                            | 1,75,000/-          |                 |                       |
|    |                                                                | 6                                                                                                   | Environmental Monitoring                                                                          |                                            | 3,26,000/-          |                 |                       |
| 34 | Environmental Management plan Budget during Operation phase    | Component                                                                                           |                                                                                                   | Details                                    |                     | Capital Rs.     | O&M Rs.               |
|    |                                                                | Sewage treatment                                                                                    |                                                                                                   | STP                                        |                     | 25,50,000       | 5,91,000              |
|    |                                                                | RWH                                                                                                 |                                                                                                   | Recharge pits                              |                     | 3,60,000        | 60,000                |
|    |                                                                | Solid Waste                                                                                         |                                                                                                   | Organic waste convertor                    |                     | 14,50,000       | 3,35,730              |
|    |                                                                | Green belt development                                                                              |                                                                                                   | Landscape operation and maintenance        |                     | 16,14,900       | 3,41,003              |
|    |                                                                | Energy saving                                                                                       |                                                                                                   | Solar PV Panels                            |                     | 62,25,000       | 3,11,000              |
|    |                                                                | Environmental Monitoring                                                                            |                                                                                                   | Environmental Monitoring                   |                     | --              | 1,80,000              |
|    |                                                                | Disaster Management                                                                                 |                                                                                                   | Lightning Arrestor                         |                     | 5,50,000        | 28,000                |
|    |                                                                | 35                                                                                                  | Traffic Management                                                                                | Type                                       | Required as per DCR | Actual Provided | Area per parking (m2) |

|    |                                                                              |                |     |     |      |
|----|------------------------------------------------------------------------------|----------------|-----|-----|------|
|    |                                                                              | 4-Wheeler      | 242 | 242 | 12.5 |
|    |                                                                              | 2-Wheeler      | 902 | 902 | 2    |
|    |                                                                              | Cycle          | 0   | 0   | 0    |
| 36 | Details of Court cases / litigations w.r.t. the project and project location | Not Applicable |     |     |      |

PP stated that, they have received Environmental Clearance vide letter 13 March 2019 for plot area 8094.50 Sq.m FSI: 15869.15 sqm, Non FSI: 14528.98 sqm & Total BUA: 30398.13 sqm PP further stated that, till date they have completed 18,291.63 Sq.mt construction on site.

PP stated that, the earlier proposal was submitted as per Form 4 but due to Circular issued by SEIAA vide letter dated 29/11/2021 regarding processing applications under the category amendment/expansion, the present proposal is re submitted accordingly, PP further stated that, There is no change in the both applications.

Earlier the application was discussed in 124<sup>th</sup> SEAC meeting held on 29<sup>th</sup> & 30<sup>th</sup> September 2021. Certain queries were raised in that meeting accordingly PP submitted the compliance which is taken on Record. Now PP has obtained water NOC with quantity mentioned in NOC. It was also further submitted that the parking proposed in earlier EC are now proposed to be converted into Restaurants with Change of Use. The case was discussed on the basis of the documents submitted and presentation made by the proponent. PP informed that Six Monthly Compliance reports submitted however due to pandemic the visit of Regional office could not take place, hence certified compliance report could not be submitted. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to submit the certified compliance report from Regional office MoEF & CC.
2. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.
3. PP to submit details of labour camp proposed for construction and Tree survival report.
4. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for grant of Environmental Clearance, subject to compliance of above points.**

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|   |      |                        |                                                                                  |
|---|------|------------------------|----------------------------------------------------------------------------------|
| 3 | P-03 | SIA/MH/MIS/214675/2021 | Archana Paradise Phase 02 at Mohamadwadi Sr.no 39/08, Pune by Kanifnath Reality" |
|---|------|------------------------|----------------------------------------------------------------------------------|

Representative of PP along with Environmental consultant M/s. Pollution and Ecology Control Services Pvt Ltd. Nagpur

It is noted that, the PP has submitted the application for grant of Environmental Clearance for residential project for total plot area of 4600 m2, FSI area of 17233.1 m2, Non FSI area of 6909.41 m2 and total BUA 24142.51m2.

Brief information of the proposal is as below:

|     |                            |                                                                                                                         |                                                                                               |
|-----|----------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 1.  | Proposal Number            | PARIVESH NO: MIS/214675                                                                                                 |                                                                                               |
| 2.  | Name of Project            | Project Archana Paradise Phase 02, Kanifnath Reality                                                                    |                                                                                               |
| 3.  | Project category           | Schedule 8(a) Category B2                                                                                               |                                                                                               |
| 4.  | Type of Institution        | Private                                                                                                                 |                                                                                               |
| 5.  | Project Proponent          | Name                                                                                                                    | Mr. Pradip Parmeshwar Pathare, M/s. Kanifnath Reality                                         |
|     |                            | Regd. Office address                                                                                                    | Office No 203/204 Undri City Center Village – Undri, Taluka – Haveli, District – Pune- 411060 |
|     |                            | Contact number                                                                                                          | 9890475049                                                                                    |
|     |                            | e-mail                                                                                                                  | kanifnath4612@gmail.com                                                                       |
| 6.  | Applied for                | New                                                                                                                     |                                                                                               |
| 7.  | Details of previous EC     | NA                                                                                                                      |                                                                                               |
| 8.  | Location of the project    | Sr N 39/08 Near Archana Paradise NIBM Annex Village Mohamadwadi Taluka Pune City District Pune State Maharashtra 411060 |                                                                                               |
| 9.  | Latitude and Longitude     | 18 <sup>0</sup> 28'19.48" N 73 <sup>0</sup> 54'59.15" E                                                                 |                                                                                               |
| 10. | Total Plot Area (m2)       | 4600                                                                                                                    |                                                                                               |
| 11. | Deductions (m2)            | 365.05                                                                                                                  |                                                                                               |
| 12. | Net Plot area (m2)         | 4222.07                                                                                                                 |                                                                                               |
| 13. | Proposed FSI area (m2)     | 17233.1                                                                                                                 |                                                                                               |
| 14. | Proposed Non-FSI area (m2) | 6909.41                                                                                                                 |                                                                                               |
| 15. | Proposed TBUA (m2)         | 24142.51                                                                                                                |                                                                                               |

|     |                                                                                                                                                                                                                             |                                         |            |                        |                                  |                                  |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------|------------------------|----------------------------------|----------------------------------|
| 16. | TBUA (m2) approved by Planning Authority till date                                                                                                                                                                          | 24142.51                                |            |                        |                                  |                                  |
| 17. | Total Project Cost (Rs.)                                                                                                                                                                                                    | 450000000                               |            |                        |                                  |                                  |
| 18. | CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                                                              | Activity                                | Location   | Cost (Rs.)             | Duration                         |                                  |
|     |                                                                                                                                                                                                                             | -----                                   |            |                        |                                  |                                  |
| 19. | Details of Building Configuration :<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt = St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh><br>Previous EC / Existing Building |                                         |            |                        |                                  | Reason for Modification / Change |
|     | Proposed Configuration                                                                                                                                                                                                      |                                         |            |                        |                                  |                                  |
|     | Building Name                                                                                                                                                                                                               | Configuration                           | Height (m) | Building Name          | Configuration                    | Height (m)                       |
|     | -                                                                                                                                                                                                                           | -                                       | -          | Wing A                 | LG+UG+Po Pk+13 F                 | 42.80                            |
|     | -                                                                                                                                                                                                                           | -                                       | -          | Wing B                 | LG+UG+Po Pk+13 F                 | 42.80                            |
| 20. | Total number of tenements                                                                                                                                                                                                   | 256                                     |            |                        |                                  |                                  |
| 21. | Water Budget                                                                                                                                                                                                                | Dry Season (CMD)                        |            | Wet Season (CMD)       |                                  |                                  |
|     |                                                                                                                                                                                                                             | Fresh Water                             | 115.20     | Fresh Water            | 115.20                           |                                  |
|     |                                                                                                                                                                                                                             | Recycled                                | 60.36      | Recycled               | 57.60                            |                                  |
|     |                                                                                                                                                                                                                             | Swimming Pool                           | 0          | Swimming Pool          | 0                                |                                  |
|     |                                                                                                                                                                                                                             | Flushing                                | 57.60      | Flushing               | 57.60                            |                                  |
|     |                                                                                                                                                                                                                             | Total                                   | 175.56     | Total                  | 172.80                           |                                  |
|     |                                                                                                                                                                                                                             | Waste water generation                  | 155.52     | Waste water generation | 155.52                           |                                  |
| 22. | Water Storage Capacity for Firefighting / UGT                                                                                                                                                                               | As per NOC                              |            |                        |                                  |                                  |
| 23. | Source of water                                                                                                                                                                                                             | PMC                                     |            |                        |                                  |                                  |
| 24. | Rainwater Harvesting (RWH)                                                                                                                                                                                                  | Level of the Ground water table         |            |                        | 15-20m                           |                                  |
|     |                                                                                                                                                                                                                             | Size and no of RWH tank(s) and Quantity |            |                        | N.A.                             |                                  |
|     |                                                                                                                                                                                                                             | Quantity and size of recharge pits      |            |                        | Quantity: 3 Nos & Size: 2mX2mX2m |                                  |

|     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |                                                 |
|-----|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------|
|     |                                                  | Details of UGT tanks if any                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Domestic                                          | 260                                             |
|     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Flushing                                          | 65                                              |
|     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Fire                                              | As per NOC                                      |
| 25. | Sewage and Waste water                           | Sewage generation in CMD                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 155.52                                            |                                                 |
|     |                                                  | STP technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MBBR                                              |                                                 |
|     |                                                  | Capacity of STP (CMD)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 160                                               |                                                 |
| 26. | Solid Waste Management during Construction Phase | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quantity (kg/d)                                   | Treatment / disposal                            |
|     |                                                  | Dry waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3                                                 | Through authorized agency                       |
|     |                                                  | Wet waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                                                 | Through authorized agency                       |
|     |                                                  | Construction waste                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5                                                 | Through authorized agency                       |
| 27. | Solid Waste Management during Operation Phase    | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Quantity (kg/d)                                   | Treatment / disposal                            |
|     |                                                  | Dry waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 256                                               | Handed over to Authorized Agency                |
|     |                                                  | Wet waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 384                                               | In-situ Composting                              |
|     |                                                  | Hazardous waste                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Negligible                                        | Negligible                                      |
|     |                                                  | Biomedical waste                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N.A.                                              | N.A.                                            |
|     |                                                  | E-Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.77                                              | Handed over to Authorized Dismantler / Recycler |
|     |                                                  | STP Sludge (dry)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 14.40                                             | In-situ Composting                              |
| 28. | Green Belt Development                           | Total RG area (m2)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 422.30                                            |                                                 |
|     |                                                  | Existing trees on plot                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                 |                                                 |
|     |                                                  | Number of trees to be planted                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 53                                                |                                                 |
|     |                                                  | Number of trees to be cut                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                                                 |                                                 |
|     |                                                  | Number of trees to be transplanted                                                                                                                                                                                                                                                                                                                                                                                                                                            | NIL                                               |                                                 |
| 29. | Power requirement                                | Source of power supply                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MSEDCL                                            |                                                 |
|     |                                                  | During Construction Phase (Demand Load)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 75 kW                                             |                                                 |
|     |                                                  | During Operation phase (Connected load)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 998 kW                                            |                                                 |
|     |                                                  | During Operation phase (Demand load)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 524 kW                                            |                                                 |
|     |                                                  | Transformer                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 630 kVA X 1 Nos.                                  |                                                 |
|     |                                                  | DG set                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 160 kVA X 1 Nos.                                  |                                                 |
|     |                                                  | Fuel used                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Diesel                                            |                                                 |
| 30. | Details of Energy saving                         | Measures to reduce energy consumption:<br>Ø Generally we have proposed high efficiency transformer, motors etc. to reduce losses.<br>Ø Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time-based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures. |                                                   |                                                 |
| 31. | Environmental Management plan budget during      | No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Details                                           | Cost                                            |
|     |                                                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Water for Construction, Labour & Dust Suppression | Rs. 4 Lacs                                      |
|     |                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Site Sanitation & Health & Safety PPE Kits        | Rs. 3 Lacs                                      |

|     |                                                                                    |                          |                                |                             |                 |                       |                      |
|-----|------------------------------------------------------------------------------------|--------------------------|--------------------------------|-----------------------------|-----------------|-----------------------|----------------------|
|     | Construction phase                                                                 | 3                        | Environmental Monitoring       |                             | Rs. 4 Lacs      |                       |                      |
|     |                                                                                    | 4                        | Disinfection & Health & Safety |                             | Rs. 3 Lacs      |                       |                      |
|     |                                                                                    | 5                        | Health Check up                |                             | Rs. 3 Lacs      |                       |                      |
| 32. | Environmental Management plan Budget during Operation phase                        | Component                |                                | Details                     |                 | Capital (Rs. In Lacs) | O&M (Rs. In Lacs/Yr) |
|     |                                                                                    | Sewage treatment         |                                | Waste Water Management      |                 | 14.50                 | 9.4                  |
|     |                                                                                    | RWH                      |                                | RWH Pits                    |                 | 2.25                  | 0.45                 |
|     |                                                                                    | Solid Waste              |                                | Organic Waste Composting    |                 | 5.50                  | 1.5                  |
|     |                                                                                    | Green belt development   |                                | Tree Plantation             |                 | 2.50                  | 0.63                 |
|     |                                                                                    | Energy saving            |                                | Energy Conservation         |                 | 34.88                 | 1.23                 |
|     |                                                                                    | Environmental Monitoring |                                | Pollution Control           |                 | 0                     | 6                    |
|     |                                                                                    | Disaster Management      |                                | Fire & LA                   |                 | 57.79                 | 2.89                 |
|     |                                                                                    | PPE Kits Health & Safety |                                | Biomedical Waste Management |                 | 0                     | 1                    |
| 33. | Traffic Management                                                                 | Type                     | Required as per DCR            |                             | Actual Provided | Parking Area (m2)     |                      |
|     |                                                                                    | 4-Wheeler                | 192                            |                             | 192             | 3344.00               |                      |
|     |                                                                                    | 2-Wheeler                | 472                            |                             | 472             |                       |                      |
|     |                                                                                    | Bicycles                 | 0                              |                             | 0               |                       |                      |
| 34. | Details of Court cases / litigation w.r.t. the project and project location if any | NA                       |                                |                             |                 |                       |                      |

The application was discussed earlier in 125<sup>th</sup> SEAC meeting held on 7<sup>th</sup> and 8<sup>th</sup> October 2021. During appraisal of the project certain queries were raised by the Committee. The compliance submitted by PP is taken on record. The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B1.

**During discussion following points emerged:**

1. As agreed during presentation the STP to be Open to sky.
2. PP to submit an affidavit that the transformer shown earlier on the another plot and now shown on the present plot will not affect the utilities proposed in Coordinated layout.
3. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.
4. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|    |      |                            |                                                                 |
|----|------|----------------------------|-----------------------------------------------------------------|
| 4. | P-04 | SIA/MH/MIS/<br>213034/2021 | Project Palmnest by NG Rathi Properties<br>LLP at Wagholi, Pune |
|----|------|----------------------------|-----------------------------------------------------------------|

Representative of PP was present during the meeting along with Environmental consultant M/s. Pollution and Ecology Control Services Pvt. Ltd.

It is noted that, the PP has submitted the application for grant of Environmental clearance for total plot area of 19200 m<sup>2</sup>, FSI area of 25520.17m<sup>2</sup>, Non FSI area of 10434.28m<sup>2</sup> and total BUA of 35954.45m<sup>2</sup>. The proposed construction is Residential and Commercial.

Brief information of the proposal is as below:

|                                         |                                                                                                                     |                                                                                        |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Proposal Number                         | PARIVESH NO: MIS/213034                                                                                             |                                                                                        |
| Name of Project                         | Proposed Project “Palmnest” at Wagholi, Pune by M/s. NG Rathi Properties LLP                                        |                                                                                        |
| Project category                        | Schedule 8(a) Category B2                                                                                           |                                                                                        |
| Type of Institution                     | Private                                                                                                             |                                                                                        |
| Project Proponent                       | Name                                                                                                                | Mr. Girish M Rathi, M/s. NG Rathi Properties LLP                                       |
|                                         | Reg. Office address                                                                                                 | 283 Prestige Point, Village – Shukrawar Peth, Taluka – Haveli, District – Pune- 411002 |
|                                         | Contact number                                                                                                      | 9822020923                                                                             |
|                                         | e-mail                                                                                                              | nitinmrathi@gmail.com                                                                  |
| Applied for                             | New                                                                                                                 |                                                                                        |
| Details of previous EC                  | NA                                                                                                                  |                                                                                        |
| Location of the project                 | GAT No. 927 (PART), Behind Konark Orchid, Kesnand Road, Village – Wagholi, Taluka – Haveli, District – Pune- 412207 |                                                                                        |
| Latitude and Longitude                  | 18 <sup>0</sup> 34’27.45” N 73 <sup>0</sup> 59’38.27” E                                                             |                                                                                        |
| Total Plot Area (m <sup>2</sup> )       | 19200                                                                                                               |                                                                                        |
| Deductions (m <sup>2</sup> )            | 1423.85                                                                                                             |                                                                                        |
| Net Plot area (m <sup>2</sup> )         | 17776.15                                                                                                            |                                                                                        |
| Proposed FSI area (m <sup>2</sup> )     | 25520.17                                                                                                            |                                                                                        |
| Proposed Non-FSI area (m <sup>2</sup> ) | 10434.28                                                                                                            |                                                                                        |

|                                                                                                                                                                                         |                   |                        |                        |                        |                   |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|------------------------|------------------------|-------------------|----------------------------------|
| Proposed TBUA (m2)                                                                                                                                                                      |                   |                        | 35954.45               |                        |                   |                                  |
| TBUA (m2) approved by Planning Authority till date                                                                                                                                      |                   |                        | 35954.45               |                        |                   |                                  |
| Ground coverage (m2) & %                                                                                                                                                                |                   |                        | 26.22%                 |                        |                   |                                  |
| Total Project Cost (Rs.)                                                                                                                                                                |                   |                        | 700000000              |                        |                   |                                  |
| CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                          |                   |                        | Activit<br>y           | Location               | Cost<br>(Rs.)     | Duration                         |
|                                                                                                                                                                                         |                   |                        | ---                    |                        |                   |                                  |
| Details of Building Configuration :<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                   |                        |                        |                        |                   | Reason for Modification / Change |
| Previous EC / Existing Building                                                                                                                                                         |                   |                        | Proposed Configuration |                        |                   |                                  |
| Buildin<br>g<br>Name                                                                                                                                                                    | Configuratio<br>n | Height<br>(m)          | Building<br>Name       | Configuratio<br>n      | Heigh<br>t<br>(m) |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Building A             | G+2                    | 9.1               |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Building B             | G+2                    | 9.1               |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Building C             | G+2                    | 9.1               |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Building D             | G+2                    | 9.1               |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Building E             | G+2                    | 9.1               |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Building F             | G+2                    | 9.1               |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Building G             | 2P+13                  | 42.75             |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Building H             | G+2                    | 9.91              |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Club House             | G+1                    | 7.47              |                                  |
| -                                                                                                                                                                                       | -                 | -                      | Amenity Building       | B1+B2+8<br>FLOORS      | 28.4              |                                  |
| Total number of tenements                                                                                                                                                               |                   |                        | 178                    |                        |                   |                                  |
| Water Budget                                                                                                                                                                            |                   | Dry Season (CMD)       |                        | Wet Season (CMD)       |                   |                                  |
|                                                                                                                                                                                         |                   | Fresh Water            | 106.56                 | Fresh Water            | 106.56            |                                  |
|                                                                                                                                                                                         |                   | Recycled               | 83.8                   | Recycled               | 73.13             |                                  |
|                                                                                                                                                                                         |                   | Swimming Pool          | 4.09                   | Swimming Pool          | 4.09              |                                  |
|                                                                                                                                                                                         |                   | Flushing               | 73.13                  | Flushing               | 73.13             |                                  |
|                                                                                                                                                                                         |                   | Total                  | 194.44                 | Total                  | 183.78            |                                  |
|                                                                                                                                                                                         |                   | Waste water generation | 161.72                 | Waste water generation | 161.72            |                                  |

|                                                  |                                                                                                                    |                                   |                                                 |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------|
| Water Storage Capacity for Firefighting / UGT    | As per NOC                                                                                                         |                                   |                                                 |
| Source of water                                  | PCMC                                                                                                               |                                   |                                                 |
| Rainwater Harvesting (RWH)                       | Level of the Ground water table                                                                                    | 15-20m                            |                                                 |
|                                                  | Size and no of RWH tank(s) and Quantity                                                                            | N.A.                              |                                                 |
|                                                  | Quantity and size of recharge pits                                                                                 | Quantity: 3 Nos & Size: 2mX2mX2m  |                                                 |
|                                                  | Details of UGT tanks if any                                                                                        | Domestic                          | 160                                             |
|                                                  |                                                                                                                    | Flushing                          | 85                                              |
|                                                  |                                                                                                                    | Fire                              | As per NOC                                      |
| Sewage and Waste water                           | Sewage generation in CMD                                                                                           | 161.72                            |                                                 |
|                                                  | STP technology                                                                                                     | MBBR                              |                                                 |
|                                                  | Capacity of STP (CMD)                                                                                              | 170                               |                                                 |
| Solid Waste Management during Construction Phase | Type                                                                                                               | Quantity (kg/d)                   | Treatment / disposal                            |
|                                                  | Dry waste                                                                                                          | 3                                 | Through authorized agency                       |
|                                                  | Wet waste                                                                                                          | 2                                 | Through authorized agency                       |
|                                                  | Construction waste                                                                                                 | 5                                 | Through authorized agency                       |
| Solid Waste Management during Operation Phase    | Type                                                                                                               | Quantity (kg/d)                   | Treatment / disposal                            |
|                                                  | Dry waste                                                                                                          | 310                               | Handed over to Authorized Agency                |
|                                                  | Wet waste                                                                                                          | 333                               | In-situ Composting                              |
|                                                  | Hazardous waste                                                                                                    | Negligible                        | Negligible                                      |
|                                                  | Biomedical waste                                                                                                   | N.A.                              | N.A.                                            |
|                                                  | E-Waste                                                                                                            | 4.85                              | Handed over to Authorized Dismantler / Recycler |
|                                                  | STP Sludge (dry)                                                                                                   | 15.30                             | In-situ Composting                              |
| Green Belt Development                           | Total RG area (m2)                                                                                                 | 1777.62                           |                                                 |
|                                                  | Existing trees on plot                                                                                             | 80                                |                                                 |
|                                                  | Number of trees to be planted                                                                                      | 222                               |                                                 |
|                                                  | Number of trees to be cut                                                                                          | 0                                 |                                                 |
|                                                  | Number of trees to be transplanted                                                                                 | NIL                               |                                                 |
| Power requirement                                | Source of power supply                                                                                             | MSEDCL                            |                                                 |
|                                                  | During Construction Phase (Demand Load)                                                                            | 75 kW                             |                                                 |
|                                                  | During Operation phase (Connected load)                                                                            | 1127 kW                           |                                                 |
|                                                  | During Operation phase (Demand load)                                                                               | 665 kW                            |                                                 |
|                                                  | Transformer                                                                                                        | 630 kVA X 1 Nos + 315 kVA X 1 Nos |                                                 |
|                                                  | DG set                                                                                                             | 125 kVA X 1 Nos.                  |                                                 |
|                                                  | Fuel used                                                                                                          | Diesel                            |                                                 |
| Details of Energy saving                         | Measures to reduce energy consumption:<br>Ø Generally we have proposed high efficiency transformer, motors etc. to |                                   |                                                 |

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                            |                                                   |                             |                       |                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------|-----------------------|----------------------|
|                                                                                    | reduce losses.<br>Ø Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time-based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures. |                                                   |                             |                       |                      |
| Environmental Management plan budget during Construction phase                     | No.                                                                                                                                                                                                                                                                                                                                                        | Details                                           | Cost                        |                       |                      |
|                                                                                    | 1                                                                                                                                                                                                                                                                                                                                                          | Water for Construction, Labour & Dust Suppression | Rs. 4 Lacs                  |                       |                      |
|                                                                                    | 2                                                                                                                                                                                                                                                                                                                                                          | Site Sanitation & Health & Safety PPE Kits        | Rs. 3 Lacs                  |                       |                      |
|                                                                                    | 3                                                                                                                                                                                                                                                                                                                                                          | Environmental Monitoring                          | Rs. 4 Lacs                  |                       |                      |
|                                                                                    | 4                                                                                                                                                                                                                                                                                                                                                          | Disinfection & Health & Safety                    | Rs. 3 Lacs                  |                       |                      |
|                                                                                    | 5                                                                                                                                                                                                                                                                                                                                                          | Health Check up                                   | Rs. 3 Lacs                  |                       |                      |
| Environmental Management plan Budget during Operation phase                        | Component                                                                                                                                                                                                                                                                                                                                                  |                                                   | Details                     | Capital (Rs. In Lacs) | O&M (Rs. In Lacs/Yr) |
|                                                                                    | Sewage treatment                                                                                                                                                                                                                                                                                                                                           |                                                   | Waste Water Management      | 16.50                 | 10.76                |
|                                                                                    | RWH                                                                                                                                                                                                                                                                                                                                                        |                                                   | RWH Pits                    | 2.25                  | 0.45                 |
|                                                                                    | Solid Waste                                                                                                                                                                                                                                                                                                                                                |                                                   | Organic Waste Composting    | 5.50                  | 1.5                  |
|                                                                                    | Green belt development                                                                                                                                                                                                                                                                                                                                     |                                                   | Tree Plantation             | 7                     | 3                    |
|                                                                                    | Energy saving                                                                                                                                                                                                                                                                                                                                              |                                                   | Energy Conservation         | 9.36                  | 0.94                 |
|                                                                                    | Environmental Monitoring                                                                                                                                                                                                                                                                                                                                   |                                                   | Pollution Control           | 0                     | 6                    |
|                                                                                    | Disaster Management                                                                                                                                                                                                                                                                                                                                        |                                                   | Fire & LA                   | 85.44                 | 4.27                 |
|                                                                                    | PPE Kits Health & Safety                                                                                                                                                                                                                                                                                                                                   |                                                   | Biomedical Waste Management | 0                     | 1                    |
| Traffic Management                                                                 | Type                                                                                                                                                                                                                                                                                                                                                       | Required as per DCR                               | Actual Provided             | Parking Area (m2)     |                      |
|                                                                                    | 4-Wheeler                                                                                                                                                                                                                                                                                                                                                  | 89                                                | 89                          | 2490.74               |                      |
|                                                                                    | 2-Wheeler                                                                                                                                                                                                                                                                                                                                                  | 191                                               | 191                         |                       |                      |
|                                                                                    | Bicycles                                                                                                                                                                                                                                                                                                                                                   | 191                                               | 191                         |                       |                      |
| Details of Court cases / litigation w.r.t. the project and project location if any | NA                                                                                                                                                                                                                                                                                                                                                         |                                                   |                             |                       |                      |

Earlier the application was placed in 125<sup>th</sup> SEAC part A held on 7<sup>th</sup> and 8<sup>th</sup> October 2021 however PP remained absent during that meeting hence the project was deferred. Now the application was taken fresh for appraisal. PP stated that the construction to the tune of 8712.83 sq. meter was

constructed on the plot. PP further stated that earlier the Potential of the plot was less than 20,000 sq. meter hence the construction was initiated and constructed. The same is certified by Architect vide Architect certificate dated 15<sup>th</sup> January 2022. Further due to UDCPR the potential of the plot is exceeding 20,000 Sq. meter hence the application is submitted for Grant of clearance. The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. As agreed during presentation the distance between proposed Kadamba Trees shall be increased.
2. PP to obtain Revised Fire NOC as earlier fire NOC is for 22 floors only.
3. PP to obtain drainage NOC.
4. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.
5. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

**Decision:**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|    |      |                            |              |
|----|------|----------------------------|--------------|
| 5. | P-05 | SIA/MH/MIS/<br>210506/2021 | Bliss County |
|----|------|----------------------------|--------------|

Representative of PP was present during the meeting along with Environmental consultant

M/s. Building Environment India Pvt. Ltd.

It is noted that, the PP has submitted the application for expansion in commercial development project for total plot area of 8556.35 Sq.M. FSI: 24, 149.24 Sq.M. Non FSI: 12,018.58 Sq.M. Total BUA area: 36,167.82 Sq.M.

Brief information of the proposal is as below:

| Sr. No. | Particular                                   | Commitment On                                                                                                                                                                                                                                             |
|---------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Name of Project                              | Proposed residential & commercial project at Gat No. 510, Charholi Bk, Pune, Maharashtra by Ganesh Satish Patil                                                                                                                                           |
| 2       | Name, contact number & address of Proponent  | <ul style="list-style-type: none"> <li>• Name: Ganesh Satish Patil</li> <li>• Address: Ganesh Satish Patil<br/>13/1,13/5, A Wing, 1st Floor, Ganesh Height, Ganesh Nagar, Dapodi, Pimpri Chinchwad (M crop), Pune<br/>Phone No: +91 9890045556</li> </ul> |
| 3       | Name, contact number & address of Consultant | <ul style="list-style-type: none"> <li>• Name: Building Environment (India) Pvt. Ltd.</li> <li>• Address: Office No.401, Dakshina Building, Sector 15, CBD Belapur, Navi Mumbai- 400614.</li> </ul>                                                       |

|           |                                                                                                                                           | <ul style="list-style-type: none"> <li>Telephone No.: 9766912753</li> <li>Email ID: beiplpune@gmail.com</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|-------|--|--|---------------|---------------------|-----------|---------------|----|----|-----------|---------------|----|----|-----------|---------------|----|----|-----------|---------------|----|----|
| 4         | Accreditation of consultant (NABET Accreditation)                                                                                         | NABET/EIA/1821/RA 0133.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 5         | Type of project: Housing project / Industrial Estate / SRA scheme / MHADA / Township or others                                            | Housing Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 6         | Location of the project                                                                                                                   | t No. 510, Charholi Bk, Pune, Maharashtra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 7         | Whether in Corporation/ Municipal / other area                                                                                            | Pimpri Chinchwad Municipal Corporation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 8         | Applicability of the DCR                                                                                                                  | Pimpri Chinchwad Municipal Corporation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 9         | IOD/IOA/Concession document or any other form of document as applicable (Clarifying its conformity with local planning rules & provision) | IOD is in Process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 10        | Note on the initiated work (If applicable)                                                                                                | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 11        | LOI / NOC from MHADA/ Other approvals (If applicable)                                                                                     | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 12        | Total Plot Area (m2)<br>Deductions<br>Net Plot area                                                                                       | Plot Area: 8556.35 Sq.M.<br>Deductions: 682.24 Sq.M.<br>Net Plot Area: 7874.11 Sq.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 13        | Permissible FSI (including TDR etc)                                                                                                       | 23,662.14 Sq.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 14        | Proposed Built-up Area (FSI & Non-FSI)                                                                                                    | FSI: 24, 149.24 Sq.M.<br>Non FSI: 12,018.58 Sq.M.<br>Total BUA area: 36,167.82 Sq.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 15        | Ground-coverage Percentage (%) (Note. Percentage of plot not open to sky)                                                                 | 10.0 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 16        | Estimated cost of the project                                                                                                             | Rs.41.65 Cr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| 17        | No. of building & its configuration (s)                                                                                                   | 1. Residential & Commercial: <table border="1"> <thead> <tr> <th rowspan="2">Building</th><th rowspan="2">Floor</th><th colspan="2"></th></tr> <tr> <th>Tenement Shop</th><th>Tenement Resi. Flat</th></tr> </thead> <tbody> <tr> <td>Buildg. A</td><td>B1+B2+GP+8 FL</td><td>14</td><td>63</td></tr> <tr> <td>Buildg. B</td><td>B1+B2+GP+8 FL</td><td>12</td><td>63</td></tr> <tr> <td>Buildg. C</td><td>B1+B2+GP+8 FL</td><td>12</td><td>63</td></tr> <tr> <td>Buildg. D</td><td>B1+B2+GP+8 FL</td><td>12</td><td>63</td></tr> </tbody> </table> |                     | Building | Floor |  |  | Tenement Shop | Tenement Resi. Flat | Buildg. A | B1+B2+GP+8 FL | 14 | 63 | Buildg. B | B1+B2+GP+8 FL | 12 | 63 | Buildg. C | B1+B2+GP+8 FL | 12 | 63 | Buildg. D | B1+B2+GP+8 FL | 12 | 63 |
| Building  | Floor                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
|           |                                                                                                                                           | Tenement Shop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tenement Resi. Flat |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| Buildg. A | B1+B2+GP+8 FL                                                                                                                             | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 63                  |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| Buildg. B | B1+B2+GP+8 FL                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 63                  |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| Buildg. C | B1+B2+GP+8 FL                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 63                  |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |
| Buildg. D | B1+B2+GP+8 FL                                                                                                                             | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 63                  |          |       |  |  |               |                     |           |               |    |    |           |               |    |    |           |               |    |    |           |               |    |    |

|           |                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |               |    |    |       |  |    |     |
|-----------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|----|----|-------|--|----|-----|
|           |                                                                                                                            | <table><tr><td>Buildg. E</td><td>B1+B2+GP+8 FL</td><td>12</td><td>63</td></tr><tr><td colspan="2">TOTAL</td><td>62</td><td>315</td></tr></table> <p>Buildg. E having 27 Nos Tenements for MHADA<br/>2. Club House: G+1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Buildg. E | B1+B2+GP+8 FL | 12 | 63 | TOTAL |  | 62 | 315 |
| Buildg. E | B1+B2+GP+8 FL                                                                                                              | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 63        |               |    |    |       |  |    |     |
| TOTAL     |                                                                                                                            | 62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 315       |               |    |    |       |  |    |     |
| 18        | Number of tenants and shops                                                                                                | Tenements: 315 Nos. (Residential – 288 +Mhada -27)<br>& Commercial :62 No’s of Shops                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |               |    |    |       |  |    |     |
| 19        | Number of expected residents / users                                                                                       | 2003 Nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |               |    |    |       |  |    |     |
| 20        | Tenant density per hector                                                                                                  | 250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |               |    |    |       |  |    |     |
| 21        | Height of the building(s)                                                                                                  | Bldg. A to H = 30.0 m<br>Clube House =6.40 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |               |    |    |       |  |    |     |
| 22        | Right of way (Width of the road from the nearest fire station to the proposed building(s))                                 | The road width varies from 12 m to 25m from the nearest fire station & at a distance of 5.51 km (Moshi fire station)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |               |    |    |       |  |    |     |
| 23        | Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation | 9m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |               |    |    |       |  |    |     |
| 24        | Existing structure(s)                                                                                                      | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |               |    |    |       |  |    |     |
| 25        | Details of the demolition with disposal (If applicable)                                                                    | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |               |    |    |       |  |    |     |
| 26        | Total Water Requirement                                                                                                    | Residential:<br>Dry season:<br>Source: Pimpri Chinchwad Municipal Corporation <ul style="list-style-type: none"><li>Fresh water: 154.58 KLD</li><li>Recycled water (Flushing): 77.29 KLD</li><li>Recycled water (Gardening): 5 KLD</li><li>HVAC Makeup: N.A.</li><li>Total water Requirement: 231.87 KLD</li><li>Excess treated water: 104.07 KLD</li></ul> Wet Season:<br>Source: Pimpri Chinchwad Municipal Corporation <ul style="list-style-type: none"><li>Domestic water: 154.58 KLD</li><li>Recycled water (Flushing): 77.29 KLD</li><li>Recycled water (Gardening): 0 KLD</li><li>HVAC Makeup: N.A.</li><li>Total Water Requirement: 236.87 KLD</li><li>Excess treated water: 109.07 KLD</li></ul> |           |               |    |    |       |  |    |     |
| 27        | Details about Swimming Pool:                                                                                               | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |               |    |    |       |  |    |     |
| 28        | Rain Water Harvesting                                                                                                      | Residential: <ul style="list-style-type: none"><li>Level of the Ground water table: Bellow 8m to 11m from</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |               |    |    |       |  |    |     |

|    |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | (RWH)                  | <p>Ground</p> <ul style="list-style-type: none"> <li>• Size and no. of RWH tanks: N.A.</li> <li>• Capacity of RWH tank: N.A.</li> <li>• Location of the RWH tank(s): N.A.</li> <li>• Nos. of recharge pits: 9 recharge pits proposed</li> </ul> <p>Commercial: N.A</p> <ul style="list-style-type: none"> <li>• No. of RWH Tanks: N.A</li> <li>• Capacity of RWH tanks: N.A</li> <li>• Location of the RWH tank (s): N.A</li> <li>• No of recharge pits: N.A.</li> </ul> <p>Budgetary allocation (Capital cost and O&amp;M cost):<br/>Capital Cost: Rs 16 lacs<br/>O &amp; M Cost: Rs 1.6 lacs/ annum</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 29 | UG tanks               | Total 5 no's of UGT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 30 | Storm water drainage   | <ul style="list-style-type: none"> <li>• Natural water drainage pattern: West to East direction</li> <li>• Quantity of storm water: 3521.69 Cum/Annual</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 31 | Sewage and Waste water | <p>Residential:</p> <ul style="list-style-type: none"> <li>• Sewage generation (CMD): 207</li> <li>• Capacity of STP (CMD): 230</li> <li>• STP technology: Moving Bed Biofilm Reactor (MBBR)</li> <li>• Location of the STP: Near Open Space</li> </ul> <p>Budgetary allocation (Capital cost and O&amp;M cost)<br/>Capital cost: Rs. 27.50 Lakh<br/>O &amp; M cost: Rs. 9.32 Lakh/Annum</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 32 | Solid waste Management | <p>Waste generation in the Pre-Construction and Construction phase:</p> <ul style="list-style-type: none"> <li>• Waste generation:<br/>Excavated Top Soil Quantity: 660.0 Cu.M.<br/>Excavated Total Debris Quantity: 30553.0 Cu.M.</li> <li>• Quantity of the top soil to be preserved: Use for landscaping</li> <li>• Disposal of the construction way debris: Use for leveling, backfilling within project site. No debris disposed outside the project site.</li> </ul> <p>Waste generation in the operation Phase:</p> <p>Residential:</p> <ul style="list-style-type: none"> <li>• Biodegradable waste (Kg/day): 515</li> <li>• Non-Biodegradable waste (Kg/day): 379</li> <li>• E – waste (Kg/month): 3 kg</li> <li>• Hazardous waste (Kg/day): NA</li> <li>• Biomedical waste (Kg/month) (If applicable): N.A.</li> <li>• STP Sludge (Dry sludge) (Kg/day): 23 Kg/day</li> </ul> <p>Mode of Disposal of waste:</p> <ul style="list-style-type: none"> <li>• Dry waste: Collected &amp; Disposed by SWaCH Organization</li> <li>• Wet waste: Treated in OWC and used as manure in landscape area</li> <li>• E – Waste: Collected &amp; Disposed by SWaCH Organization</li> </ul> |

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>Hazardous waste: N.A.</li><li>Biomedical waste (If applicable): N.A.</li><li>STP Sludge (Dry sludge): Dried sludge from STP will be used as manure.</li></ul> <p>Area requirement:</p> <ul style="list-style-type: none"><li>Location(s): Near Open Space</li><li>Total Area Provided for Storage &amp; treatment of the solid waste: 48Sq.M.</li></ul> <p>Budgetary allocation (Capital cost and O&amp;M cost)</p> <p>Capital Cost: Rs. 15.5 lakh</p> <p>O &amp; M Cost: Rs. 3.5 lakh/year</p> |                |                |             |                                           |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
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| 33      | <p>Green Belt Development:</p> <p>Total RG area: 748.28 Sq.M.</p> <ol style="list-style-type: none"><li>RG Area other than green belt (please, specify for playground, etc.): NA</li><li>RG area under green belt:<ul style="list-style-type: none"><li>RG on the ground: 748.28 Sq.M.</li><li>RG on the podium: NA</li></ul></li></ol> <p>List of trees to be planted:</p> <table><tr><th>SR. NO.</th><th>SYMBOL</th><th>Botanical name</th><th>COMMON NAME</th><th>HT (In Feet)</th><th>QTY</th><th>HT. (Approx) (In Feet) of full grown Tree</th></tr><tr><td>1.</td><td></td><td><i>Annona squamosa</i></td><td>SUGAR-APPLE</td><td>10 FT</td><td>3</td><td>30 - 60 FT</td></tr><tr><td>2.</td><td></td><td><i>Mangifera indica</i></td><td>MANGO</td><td>10 - 15 FT</td><td>3</td><td>115 - 131 FT</td></tr><tr><td>3.</td><td></td><td><i>Nyctanthes arbor-tristis</i></td><td>PARIJATAK</td><td>10 FT</td><td>3</td><td>30 FT</td></tr><tr><td>4.</td><td></td><td><i>Lagerstromia speciosa</i></td><td>TAMHAN</td><td>10 - 20 FT</td><td>3</td><td>100 FT</td></tr><tr><td>5.</td><td></td><td><i>Syzygium cumini</i></td><td>JAMBUL</td><td>20 - 30 FT</td><td>3</td><td>90 FT</td></tr><tr><td>6.</td><td></td><td><i>Murraya koenigii</i></td><td>CURRY LEAVES</td><td>3 - 5 FT</td><td>3</td><td>30 - 20 FT</td></tr><tr><td>7.</td><td></td><td><i>Bauhinia blackiana</i></td><td>KANCHANRAJ</td><td>8 - 10 FT</td><td>3</td><td>32 - 52 FT</td></tr><tr><td>8.</td><td></td><td><i>Cochlospermum religiosum</i></td><td>SONSAWAR</td><td>8 - 10 FT</td><td>8</td><td>20 - 32 FT</td></tr></table> <table><tr><th>SR. NO.</th><th>SYMBOL</th><th>Botanical name</th><th>COMMON NAME</th><th>HT (In Feet)</th><th>QTY</th><th>HT. (Approx) (In Feet) of full grown Tree</th></tr><tr><td>9.</td><td></td><td><i>Bauhinia purpurea</i></td><td>GULABI KANCHAN</td><td>8 - 10 FT</td><td>9</td><td>32 - 52 FT</td></tr><tr><td>10.</td><td></td><td><i>Michella champaca</i></td><td>SONCHAFFA</td><td>30 FT</td><td>9</td><td>40 FT</td></tr><tr><td>11.</td><td></td><td><i>Dalbergia sisoo</i></td><td>SISSOO</td><td>50 FT</td><td>9</td><td>160 - 200 FT</td></tr><tr><td>12.</td><td></td><td><i>Azadirachta indica</i></td><td>NEEM</td><td>40 - 60 FT</td><td>3</td><td>115 - 130 FT</td></tr><tr><td>13.</td><td></td><td><i>Anthocephalus kadamba</i></td><td>KADAMBA</td><td>15 - 20 FT</td><td>6</td><td>140 - 150 FT</td></tr><tr><td>14.</td><td></td><td><i>Ailanthus excelsa</i></td><td>MAHARUKH</td><td>17 - 18 FT</td><td>9</td><td>130 - 150 FT</td></tr><tr><td>15.</td><td></td><td><i>Ficus microcarpa</i></td><td>NANDRUK</td><td>20 - 30 FT</td><td>6</td><td>50 - 60 FT</td></tr></table> <p style="text-align: center;">TOTAL NO. OF TREES - 80</p> <ul style="list-style-type: none"><li>Number &amp; list of tree species to be planted in the ground RG: 402</li><li>Number &amp; list of shrubs &amp; bushes species planted in the podium RG: N.A.</li><li>Number &amp; list of shrubs &amp; bushes species planted in the ground RG:</li></ul> <p>Shrub List:</p> | SR. NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SYMBOL         | Botanical name | COMMON NAME | HT (In Feet)                              | QTY | HT. (Approx) (In Feet) of full grown Tree | 1. |  | <i>Annona squamosa</i> | SUGAR-APPLE | 10 FT | 3 | 30 - 60 FT | 2. |  | <i>Mangifera indica</i> | MANGO | 10 - 15 FT | 3 | 115 - 131 FT | 3. |  | <i>Nyctanthes arbor-tristis</i> | PARIJATAK | 10 FT | 3 | 30 FT | 4. |  | <i>Lagerstromia speciosa</i> | TAMHAN | 10 - 20 FT | 3 | 100 FT | 5. |  | <i>Syzygium cumini</i> | JAMBUL | 20 - 30 FT | 3 | 90 FT | 6. |  | <i>Murraya koenigii</i> | CURRY LEAVES | 3 - 5 FT | 3 | 30 - 20 FT | 7. |  | <i>Bauhinia blackiana</i> | KANCHANRAJ | 8 - 10 FT | 3 | 32 - 52 FT | 8. |  | <i>Cochlospermum religiosum</i> | SONSAWAR | 8 - 10 FT | 8 | 20 - 32 FT | SR. NO. | SYMBOL | Botanical name | COMMON NAME | HT (In Feet) | QTY | HT. (Approx) (In Feet) of full grown Tree | 9. |  | <i>Bauhinia purpurea</i> | GULABI KANCHAN | 8 - 10 FT | 9 | 32 - 52 FT | 10. |  | <i>Michella champaca</i> | SONCHAFFA | 30 FT | 9 | 40 FT | 11. |  | <i>Dalbergia sisoo</i> | SISSOO | 50 FT | 9 | 160 - 200 FT | 12. |  | <i>Azadirachta indica</i> | NEEM | 40 - 60 FT | 3 | 115 - 130 FT | 13. |  | <i>Anthocephalus kadamba</i> | KADAMBA | 15 - 20 FT | 6 | 140 - 150 FT | 14. |  | <i>Ailanthus excelsa</i> | MAHARUKH | 17 - 18 FT | 9 | 130 - 150 FT | 15. |  | <i>Ficus microcarpa</i> | NANDRUK | 20 - 30 FT | 6 | 50 - 60 FT |  |
| SR. NO. | SYMBOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Botanical name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | COMMON NAME    | HT (In Feet)   | QTY         | HT. (Approx) (In Feet) of full grown Tree |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 1.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <i>Annona squamosa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SUGAR-APPLE    | 10 FT          | 3           | 30 - 60 FT                                |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 2.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <i>Mangifera indica</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MANGO          | 10 - 15 FT     | 3           | 115 - 131 FT                              |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 3.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <i>Nyctanthes arbor-tristis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PARIJATAK      | 10 FT          | 3           | 30 FT                                     |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 4.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Lagerstromia speciosa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TAMHAN         | 10 - 20 FT     | 3           | 100 FT                                    |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 5.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Syzygium cumini</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | JAMBUL         | 20 - 30 FT     | 3           | 90 FT                                     |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 6.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Murraya koenigii</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CURRY LEAVES   | 3 - 5 FT       | 3           | 30 - 20 FT                                |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 7.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Bauhinia blackiana</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | KANCHANRAJ     | 8 - 10 FT      | 3           | 32 - 52 FT                                |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 8.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Cochlospermum religiosum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SONSAWAR       | 8 - 10 FT      | 8           | 20 - 32 FT                                |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| SR. NO. | SYMBOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Botanical name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | COMMON NAME    | HT (In Feet)   | QTY         | HT. (Approx) (In Feet) of full grown Tree |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 9.      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Bauhinia purpurea</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | GULABI KANCHAN | 8 - 10 FT      | 9           | 32 - 52 FT                                |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 10.     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Michella champaca</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SONCHAFFA      | 30 FT          | 9           | 40 FT                                     |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |  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| 11.     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Dalbergia sisoo</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SISSOO         | 50 FT          | 9           | 160 - 200 FT                              |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 12.     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Azadirachta indica</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NEEM           | 40 - 60 FT     | 3           | 115 - 130 FT                              |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 13.     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Anthocephalus kadamba</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | KADAMBA        | 15 - 20 FT     | 6           | 140 - 150 FT                              |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 14.     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Ailanthus excelsa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAHARUKH       | 17 - 18 FT     | 9           | 130 - 150 FT                              |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |
| 15.     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Ficus microcarpa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NANDRUK        | 20 - 30 FT     | 6           | 50 - 60 FT                                |     |                                           |    |                                                                                   |                        |             |       |   |            |    |                                                                                   |                         |       |            |   |              |    |                                                                                    |                                 |           |       |   |       |    |                                                                                     |                              |        |            |   |        |    |                                                                                     |                        |        |            |   |       |    |                                                                                     |                         |              |          |   |            |    |                                                                                     |                           |            |           |   |            |    |                                                                                     |                                 |          |           |   |            |         |        |                |             |              |     |                                           |    |                                                                                     |                          |                |           |   |            |     |                                                                                     |                          |           |       |   |       |     |                                                                                     |                        |        |       |   |              |     |                                                                                     |                           |      |            |   |              |     |                                                                                     |                              |         |            |   |              |     |                                                                                     |                          |          |            |   |              |     |                                                                                     |                         |         |            |   |            |  |

# PROPOSED SHRUB LIST

| SR NO. | SYMBOL                                                                            | Botanical name        | COMMON NAME     |
|--------|-----------------------------------------------------------------------------------|-----------------------|-----------------|
| 1.     |  | <i>Thevetia</i>       | YELLOW OLEANDER |
| 2.     |  | <i>Plumbago</i>       | LEADWORT        |
| 3.     |  | <i>Cassia biflora</i> | SONORAN CASSIA  |

- Number and list of trees species to be planted around the border of nallah/stream/ pond (If any): NIL
- No. of Existing Trees: NIL

Budgetary allocation (Capital cost and O&M cost)

Capital cost: Rs. 10.67 lacs

Operation & maintenance cost: Rs. 5.12 lacs/annum

34

Energy

Power supply:

- Maximum Demand: 886.58 KW
- Connected Load: 1512.37KW
- Source: MSEDCL

Total DG power consumption for residential building: During Operation Phase 1No. X 200 KVA Capacity

Transformers: 2x 630 kVA, Fuel: HSD

- Total DG power consumption for club house & commercial building: N.A

Energy Saving Measures:

- Use of HF electronic ballast and additional 10% using timers
- Use of T5 lights and solar lights
- Use of V3F Drive
- Use of level controllers & efficient pumps

tail calculations & % of saving: 17.67 %

|                                                                                                                                                                                                                                                            |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| % Saving by using energy saving practices =16.67 %                                                                                                                                                                                                         |                |
| <ul style="list-style-type: none"> <li>• Energy saving measures: using T5 lights and solar lights,</li> <li>• Energy Saving measures: Using V3F Drive 10 % Saving</li> <li>• Energy Saving Measure: Using level controllers and efficient pumps</li> </ul> | 16.67 % saving |
| % of demand load to be generated by PV Solar                                                                                                                                                                                                               | 1.0 % saving   |
| % Energy Saving                                                                                                                                                                                                                                            | 17.67 %        |

Compliance of ECBC Guideline: (Yes/No) (If yes then submit compliance in tubular form) = Yes

Budgetary allocation (Capital cost and O&M cost)

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Capital cost: Rs. 17.49 lakh<br>Operation & Maintenance Cost: Rs. 0.87 lakh/annum<br>Number and capacity of the DG sets to be used:<br><br>Number and capacity of the DG sets to be used: 1No. X 200 KVA, for Operation phase.<br><br>• Stack Height:<br>For 1No. X 200KVA, Above roof of bldg. 5 m<br>Electricity requirement from MSEDCL:<br>Maximum Demand: 886.58 KW<br>HT Line passing through the plot if any: N.A. |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|-----------|-------------------------------------|------------------|---------------------------------|------------|-----|----------------------------|-----|------------|------------------------|----------|----|-----------------------------------------------------|-----|----|-----------------|-----|---|----------------------------------|-----|---|------------------------|-----|------------|--|------|---------|--------------|--------------------------|-----------------------------|----|------------------------|-------|------|----|-----------------------|------|-----|----|------------------------|-------|------|----|-------------|-------|------|----|---------------|-------|------|----|---------------------|-------|-------|----|------------------------|----|-----|-------|--|--------|------|
| 35         | Environmental Management plan Budgetary Allocation:<br>EMP During Construction Phase: <table><tr><th>Sr. No.</th><th>Parameter</th><th>Total Cost/ year (Rs. Lakhs)</th></tr><tr><td>1.</td><td>Personal Protective Equipment's</td><td>6.0</td></tr><tr><td>2.</td><td>Site Sanitation Facilities</td><td>3.0</td></tr><tr><td>3.</td><td>Solid Waste Management</td><td>3.0</td></tr><tr><td>4.</td><td>Water provision for construction &amp; domestic purpose</td><td>7.0</td></tr><tr><td>5.</td><td>Health Check up</td><td>3.0</td></tr><tr><td>6</td><td>Awareness &amp; Training for workers</td><td>2.0</td></tr><tr><td>7</td><td>Environment Monitoring</td><td>3.0</td></tr><tr><td colspan="2">Total Cost</td><td>27.0</td></tr></table> EMP during Operation Phase: <table><tr><th>Sr. No.</th><th>EMP Measures</th><th>Capital Cost (Rs. Lakhs)</th><th>O &amp; M Cost/Year (Rs. Lakhs)</th></tr><tr><td>1.</td><td>Sewage Treatment Plant</td><td>27.50</td><td>9.32</td></tr><tr><td>2.</td><td>Rain Water Harvesting</td><td>16.0</td><td>1.6</td></tr><tr><td>3.</td><td>Solid Waste Management</td><td>15.50</td><td>3.54</td></tr><tr><td>4.</td><td>Landscaping</td><td>10.67</td><td>5.12</td></tr><tr><td>5.</td><td>Energy Saving</td><td>17.49</td><td>0.87</td></tr><tr><td>6.</td><td>Disaster Management</td><td>84.25</td><td>12.95</td></tr><tr><td>7.</td><td>Environment Monitoring</td><td>--</td><td>4.0</td></tr><tr><td colspan="2">Total</td><td>171.41</td><td>37.4</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                           |                             | Sr. No. | Parameter | Total Cost/ year (Rs. Lakhs)        | 1.               | Personal Protective Equipment's | 6.0        | 2.  | Site Sanitation Facilities | 3.0 | 3.         | Solid Waste Management | 3.0      | 4. | Water provision for construction & domestic purpose | 7.0 | 5. | Health Check up | 3.0 | 6 | Awareness & Training for workers | 2.0 | 7 | Environment Monitoring | 3.0 | Total Cost |  | 27.0 | Sr. No. | EMP Measures | Capital Cost (Rs. Lakhs) | O & M Cost/Year (Rs. Lakhs) | 1. | Sewage Treatment Plant | 27.50 | 9.32 | 2. | Rain Water Harvesting | 16.0 | 1.6 | 3. | Solid Waste Management | 15.50 | 3.54 | 4. | Landscaping | 10.67 | 5.12 | 5. | Energy Saving | 17.49 | 0.87 | 6. | Disaster Management | 84.25 | 12.95 | 7. | Environment Monitoring | -- | 4.0 | Total |  | 171.41 | 37.4 |
| Sr. No.    | Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Total Cost/ year (Rs. Lakhs)                                                                                                                                                                                                                                                                                                                                                                                              |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 1.         | Personal Protective Equipment's                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6.0                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 2.         | Site Sanitation Facilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3.0                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 3.         | Solid Waste Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.0                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 4.         | Water provision for construction & domestic purpose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.0                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 5.         | Health Check up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.0                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 6          | Awareness & Training for workers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2.0                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 7          | Environment Monitoring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3.0                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| Total Cost |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 27.0                                                                                                                                                                                                                                                                                                                                                                                                                      |                             |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| Sr. No.    | EMP Measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Capital Cost (Rs. Lakhs)                                                                                                                                                                                                                                                                                                                                                                                                  | O & M Cost/Year (Rs. Lakhs) |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 1.         | Sewage Treatment Plant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 27.50                                                                                                                                                                                                                                                                                                                                                                                                                     | 9.32                        |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 2.         | Rain Water Harvesting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16.0                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.6                         |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 3.         | Solid Waste Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15.50                                                                                                                                                                                                                                                                                                                                                                                                                     | 3.54                        |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 4.         | Landscaping                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10.67                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.12                        |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 5.         | Energy Saving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 17.49                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.87                        |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 6.         | Disaster Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 84.25                                                                                                                                                                                                                                                                                                                                                                                                                     | 12.95                       |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 7.         | Environment Monitoring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                                                                                                                                                                                                                                                                                                                                                                                                        | 4.0                         |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| Total      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 171.41                                                                                                                                                                                                                                                                                                                                                                                                                    | 37.4                        |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 36         | Traffic Management:<br><br>Nos. of junctions to the main road & design the confluence: N.A.<br>Plot Area: 8565.35 Sq.M.<br><br>Parking Details: <table><tr><th>Sr. No</th><th>Type</th><th>Applicable no of parking as per DCR</th><th>Provided Parking</th></tr><tr><td>1</td><td>2 Wheelers</td><td>868</td><td>868 Nos.</td></tr><tr><td>2</td><td>4 Wheelers</td><td>184</td><td>346 Nos.</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                           |                             | Sr. No  | Type      | Applicable no of parking as per DCR | Provided Parking | 1                               | 2 Wheelers | 868 | 868 Nos.                   | 2   | 4 Wheelers | 184                    | 346 Nos. |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| Sr. No     | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Applicable no of parking as per DCR                                                                                                                                                                                                                                                                                                                                                                                       | Provided Parking            |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 1          | 2 Wheelers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 868                                                                                                                                                                                                                                                                                                                                                                                                                       | 868 Nos.                    |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |
| 2          | 4 Wheelers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 184                                                                                                                                                                                                                                                                                                                                                                                                                       | 346 Nos.                    |         |           |                                     |                  |                                 |            |     |                            |     |            |                        |          |    |                                                     |     |    |                 |     |   |                                  |     |   |                        |     |            |  |      |         |              |                          |                             |    |                        |       |      |    |                       |      |     |    |                        |       |      |    |             |       |      |    |               |       |      |    |                     |       |       |    |                        |    |     |       |  |        |      |

|  |                                                                                                                                                                                                                                                                                                                       |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Total area provided for parking: 6123.50 Sq.M.<br>No. of car parking provided: 346 No.<br>Type of parking (Open/Stilt/Basement): Basement,<br>Area per car including driveway provided for car parking:<br>For Basement level: 34 Sq.M per car<br><br>Width of all internal roads (m): 6m<br>Turning Radius: above 9m |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

It was informed that the said proposal was appraised in 121<sup>st</sup> SEAC meeting and certain queries were raised by the committee. PP submitted the compliance of the queries which is taken on record. The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. The planning Authority shall not grant OC the the project till the sustainable water supply to the project is Ensured. The same condition shall be mentioned by PP in the agreements to be executed with the prospective Buyers if any.
2. PP to ensure that proposed STP should be 40% open to sky for adequate ventilation.
3. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.
4. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|----|------|----------------------------|-----------------------------------------------------|
| 6. | P-6A | SIA/MH/MIS/<br>203052/2021 | "World of Joy" By M/s. Gera Properties<br>Pvt. Ltd. |
|----|------|----------------------------|-----------------------------------------------------|

Environment Consultant & PP stated that, as per circular issued by SEIAA vide dated 29<sup>th</sup> November, 2021 they have re submitted the application under expansion category & requested to withdraw the proposal under consideration. Committee noted & accepted the same, hence application is forwarded to SEIAA with the recommendation to allow PP to withdraw the Project.

**Decision: -**

**In view of above, the application is forwarded to SEIAA with the recommendation that PP may be allowed to withdraw the project.**

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|----|------|----------------------------|----------------------------------------------------|
| 6. | P-06 | SIA/MH/MIS/2437<br>69/2021 | World of Joy" By M/s. Gera Properties<br>Pvt. Ltd. |
|----|------|----------------------------|----------------------------------------------------|

Representative of PP was present during the meeting along with environmental consultant M/s. Enviro Analysts & Engineers Pvt. Ltd.

It is noted that, the PP has submitted the application for expansion in residential and commercial Project for total plot area of 89306.98 m<sup>2</sup>, FSI area of 1,40,541.28 m<sup>2</sup>, Non FSI area of 97,754.28 m<sup>2</sup> and total BUA of 2,38,277.99 m<sup>2</sup>.

Brief information of the proposal is as below:

|    |                                                                                                                                                                                        |                                                                                                                                                                                      |                      |                                                                                                              |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| 1  | Proposal Number                                                                                                                                                                        | <b>Old: SIA/MH/MIS/ 203052/2020</b><br><b>New: SIA/MH/MIS/ 243769/2020</b>                                                                                                           |                      |                                                                                                              |
| 2  | Name of Project                                                                                                                                                                        | <b>Residential and Commercial Development Project</b><br><b>“World of Joy” by Gera Properties Pvt. Ltd.</b>                                                                          |                      |                                                                                                              |
| 3  | Project category                                                                                                                                                                       | 8b (B1)                                                                                                                                                                              |                      |                                                                                                              |
| 4  | Type of Institution                                                                                                                                                                    | Private                                                                                                                                                                              |                      |                                                                                                              |
| 5  | Project Proponent                                                                                                                                                                      | <b>Gera Properties Pvt. Ltd.</b>                                                                                                                                                     |                      |                                                                                                              |
| 6  | Consultant                                                                                                                                                                             | <b>Enviro Analysts and Engineers Pvt. Ltd.</b>                                                                                                                                       |                      |                                                                                                              |
| 7  | Applied for                                                                                                                                                                            | Environment Clearance- Amendment project                                                                                                                                             |                      |                                                                                                              |
| 8  | Details of previous EC                                                                                                                                                                 | Earlier obtained Environmental Clearance vide No. SEIAA-EC-0000002072 dated November 7, 2019 for the construction area 1,42,519.44 m <sup>2</sup>                                    |                      |                                                                                                              |
| 9  | Location of the project                                                                                                                                                                | Gat no.1343/B old Gat no. 2329B , Near Podar International School, at Village Wagholi, Taluka: Haveli, Dist: Pune, State – Maharashtra                                               |                      |                                                                                                              |
| 10 | Latitude and Longitude                                                                                                                                                                 | Latitude: 18°33'51.12"N      Longitude: 73°57'41.95"E                                                                                                                                |                      |                                                                                                              |
| 11 | Total Plot Area (m <sup>2</sup> )                                                                                                                                                      | 89306.98 m <sup>2</sup>                                                                                                                                                              |                      |                                                                                                              |
| 12 | Deductions (m <sup>2</sup> )                                                                                                                                                           | 11965.16 m <sup>2</sup>                                                                                                                                                              |                      |                                                                                                              |
| 13 | Net Plot area (m <sup>2</sup> )                                                                                                                                                        | 77341.82 m <sup>2</sup>                                                                                                                                                              |                      |                                                                                                              |
| 14 | Proposed FSI area (m <sup>2</sup> )                                                                                                                                                    | 1,40,541.28 m <sup>2</sup>                                                                                                                                                           |                      |                                                                                                              |
| 15 | Proposed non-FSI area (m <sup>2</sup> )                                                                                                                                                | 97,754.28 m <sup>2</sup>                                                                                                                                                             |                      |                                                                                                              |
| 16 | Proposed TBUA (m <sup>2</sup> )                                                                                                                                                        | 2,38,277.99 m <sup>2</sup>                                                                                                                                                           |                      |                                                                                                              |
| 17 | TBUA (m <sup>2</sup> ) approved by Planning Authority till date                                                                                                                        | FSI : 92,926.05 m <sup>2</sup><br>Non FSI : 49,593.39 m <sup>2</sup><br>Total Construction Area : 1,42,519.44 m <sup>2</sup><br>Sanction No. BHA C.R.No.1758/18-19, dated 26.08.2019 |                      |                                                                                                              |
| 18 | Ground coverage (m <sup>2</sup> ) & %                                                                                                                                                  | 31,077.66 m <sup>2</sup> (40 %)                                                                                                                                                      |                      |                                                                                                              |
| 19 | Total Project Cost (Rs.)                                                                                                                                                               | Rs. 470.58 Cr.                                                                                                                                                                       |                      |                                                                                                              |
| 20 | CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                         | -----                                                                                                                                                                                |                      |                                                                                                              |
| 21 | Details of Building Configuration:<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                                                                                                                                                      |                      | Reason for Modification / Change                                                                             |
|    | Buildings                                                                                                                                                                              | Existing Configuration                                                                                                                                                               | Ht (m)               | Paid FSI& Insitu FSI of road & Amenity & utilization full base potential and Changes as per amended proposal |
|    | A (duplex)                                                                                                                                                                             | 2 BASEMENT+S TILT+14 FLOORS                                                                                                                                                          | 45M from stilt floor |                                                                                                              |
|    | B(Duplex)                                                                                                                                                                              | 2 BASEMENT +STILT+14                                                                                                                                                                 | 45M from             |                                                                                                              |
|    | Proposed Configuration                                                                                                                                                                 |                                                                                                                                                                                      |                      |                                                                                                              |
|    | Buildin g                                                                                                                                                                              | Number of floors                                                                                                                                                                     | Ht (m)               |                                                                                                              |
|    | A (duplex )                                                                                                                                                                            | 2 BASEMENT +STILT+14 FLOORS                                                                                                                                                          | 44.9 M from stilt    |                                                                                                              |

|  |                  |                                                                                                 |                               |  |                |                                                                                                              |                               |
|--|------------------|-------------------------------------------------------------------------------------------------|-------------------------------|--|----------------|--------------------------------------------------------------------------------------------------------------|-------------------------------|
|  |                  | FLOORS                                                                                          | stilt floor                   |  |                | floor                                                                                                        |                               |
|  | C<br>(Regular)   | 2 BASEMENT + STILT +14 FLOORS                                                                   | 45M from stilt floor          |  | B(Duplex)      | 2 BASEMENT +STILT+14 FLOORS                                                                                  | 44.9 M from stilt floor       |
|  | D<br>(Regular)   | 2 BASEMENT + STILT +14 FLOORS(                                                                  | 45M from stilt floor          |  | C<br>(Regular) | 2 BASEMENT + STILT +14 FLOORS                                                                                | 44.9 M from stilt floor       |
|  | E<br>(Duplex)    | 2 BASEMENT + STILT +14 FLOORS                                                                   | from stilt floor              |  | D<br>(Regular) | 2 BASEMENT + STILT +14 FLOORS(                                                                               | 44.9 M from stilt floor       |
|  | F<br>(Duplex)    | 1BASEMENT+STILT+PODIUM (partly commercial)+FF (partly commercial)+1 3 FLOORS (full residential) | 43.35 m (From N-E road)       |  | E<br>(Duplex)  | 2 BASEMENT + STILT +14 FLOORS                                                                                | 44.9 M from stilt floor       |
|  | G<br>(Regular)   | 1BASEMENT +STILT+PODIUM+12 FLOORS                                                               | 42 m (From internal driveway) |  | F<br>(Duplex)  | 1BASEMENT +STILT+PODIUM (partly commercial)+FF (partly commercial)+ 13 FLOORS (full residential)             | 44.9.0 m (From N-E road)      |
|  | Bungalows        | G+1                                                                                             | 9.45 from ground              |  | G<br>(Regular) | 1BASEMENT +STILT+PODIUM+12 FLOORS                                                                            | 42 m (From internal driveway) |
|  | Row hoses(2B HK) | G+1                                                                                             | 6.45 above GL                 |  | H(Duplex)      | Basement-2+ BASEMENT-1+STILT+PODIUM (partly commercial)+FF (partly commercial)+ 13 FLOORS (full residential) | 44.90 m (From N-E road)       |
|  | Row hoses(3B HK) | G+1                                                                                             | 6.45 above GL                 |  | I<br>Tower     | 2 BASEMENT +STILT+14                                                                                         | 44.9 M from                   |
|  | MHADA            | Stilt+14                                                                                        | 45M from stilt floor          |  |                |                                                                                                              |                               |

|    |                           |                                                                                                                                     |                               |                          |  |
|----|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------|--|
|    |                           |                                                                                                                                     | FLOORS                        | stilt floor              |  |
|    |                           | J-Tower                                                                                                                             | 2 BASEMENT + STILT +14 FLOORS | 44.9 M from stilt floor  |  |
|    |                           | K-Tower                                                                                                                             | 2 BASEMENT + STILT +14 FLOORS | 44.9 M from stilt floor  |  |
|    |                           | L-Tower                                                                                                                             | 2 BASEMENT + STILT +14 FLOORS | 44.9 M from stilt floor  |  |
|    |                           | Row hoses(2 BHK)                                                                                                                    | G+1                           | 6.45 m above GL          |  |
|    |                           | Row hoses(3 BHK)                                                                                                                    | G+1                           | 6.45 m above G           |  |
|    |                           | Club house (Engage)                                                                                                                 | G+1                           | 8.10 m from GL           |  |
|    |                           | Club House (Evolve)                                                                                                                 | G+6 Floors                    | 27.10 m from Stilt floor |  |
|    |                           | Commercial                                                                                                                          | BS-2+BS-1+LG+UG+10 Floors     | 39.40 m above GL         |  |
|    |                           | MHAD A                                                                                                                              | Stilt+14                      | 44.70 M from stilt floor |  |
| 22 | Total number of tenements | 12 Residential towers with 2 Club Houses + 56 shops, 2 Typology of Row Houses – 108 Nos, 1 commercial Building and 1 MHADA building |                               |                          |  |
| 23 | Water Budget              |                                                                                                                                     |                               |                          |  |

|    |                                                  |      |                                                                                                                                                             |                       |                                                                                                                                                        |
|----|--------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Dry Season (CMD)                                 |      | Wet Season (CMD)                                                                                                                                            |                       |                                                                                                                                                        |
|    | Fresh Water                                      | 803  | Fresh Water                                                                                                                                                 | 803                   |                                                                                                                                                        |
|    | Recycled                                         | 472  | Recycled                                                                                                                                                    | 409                   |                                                                                                                                                        |
|    | Swimming Pool                                    | 54   | Swimming Pool                                                                                                                                               | 54                    |                                                                                                                                                        |
|    | Flushing                                         | 409  | Flushing                                                                                                                                                    | 409                   |                                                                                                                                                        |
|    | Total                                            | 1329 | Total                                                                                                                                                       | 1266                  |                                                                                                                                                        |
|    | Waste water generation                           | 1092 | Waste water generation                                                                                                                                      | 1092                  |                                                                                                                                                        |
| 24 | Water Storage Capacity for Firefighting / UGT    |      | Details of UGT:<br>Domestic:685, 24 & 130m <sup>3</sup><br>Flushing water tank:365,18 & 68 m <sup>3</sup><br>Fire Fighting UGT:340, 200 & 75 m <sup>3</sup> |                       |                                                                                                                                                        |
| 25 | Source of water                                  |      | From Local Authority                                                                                                                                        |                       |                                                                                                                                                        |
| 26 | Rainwater Harvesting (RWH)                       |      | Level of the Ground water table:                                                                                                                            |                       | Pre-Monsoon:30 m<br>Post Monsoon:35 m                                                                                                                  |
|    |                                                  |      | Size and no of RWH tank(s) and Quantity:                                                                                                                    |                       | NA                                                                                                                                                     |
|    |                                                  |      | Quantity and size of recharge pits:                                                                                                                         |                       | 30 Nos. of recharge pits of size 1.2 m x 1.2 m x 3 m                                                                                                   |
|    |                                                  |      | Details of UGT tanks if any:                                                                                                                                |                       | Details of Domestic: 685, 24 & 130m <sup>3</sup><br>Flushing water tank :365,18 & 68 m <sup>3</sup><br>Fire Fighting UGT: 340, 200 & 75 m <sup>3</sup> |
| 27 | Sewage and Wastewater                            |      | Sewage generation in CMD:                                                                                                                                   |                       | 1092 m <sup>3</sup> /day                                                                                                                               |
|    |                                                  |      | STP technology:                                                                                                                                             |                       | Extended Aeration / MBBR                                                                                                                               |
|    |                                                  |      | Capacity of STP (CMD):                                                                                                                                      |                       | 2 Nos. – 920 m <sup>3</sup> and 180 m <sup>3</sup>                                                                                                     |
| 28 | Solid Waste Management during Construction Phase |      |                                                                                                                                                             |                       |                                                                                                                                                        |
|    |                                                  |      | Type                                                                                                                                                        | Quantity (kg/d)       | Treatment / disposal                                                                                                                                   |
|    |                                                  |      | Dry waste:                                                                                                                                                  | 18                    | Handed over to Authorized vendor                                                                                                                       |
|    |                                                  |      | Wet waste:                                                                                                                                                  | 27                    |                                                                                                                                                        |
|    |                                                  |      | Construction waste                                                                                                                                          | 160127 m <sup>3</sup> | Will be used in backfilling in the building structure & infrastructure work                                                                            |

|    |                                                                |                                                                                                                                                                                                                                                                                        |                                                                                     |                                  |
|----|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|
| 29 | Solid Waste Management during Operational Phase                | Type                                                                                                                                                                                                                                                                                   | Quantity (kg/d)                                                                     | Treatment / disposal             |
|    |                                                                | Dry waste:                                                                                                                                                                                                                                                                             | 2166                                                                                | Handed over to Authorized Agency |
|    |                                                                | Wet waste:                                                                                                                                                                                                                                                                             | 2653                                                                                | Treated in OWC                   |
|    |                                                                | Hazardous waste:                                                                                                                                                                                                                                                                       | NA                                                                                  | -                                |
|    |                                                                | Biomedical waste                                                                                                                                                                                                                                                                       | NA                                                                                  | -                                |
|    |                                                                | E-Waste                                                                                                                                                                                                                                                                                | 15 kg/yr.                                                                           | Handed over to Authorized Agency |
|    |                                                                | STP Sludge (dry)                                                                                                                                                                                                                                                                       | 55 kg/day                                                                           | Used as manure                   |
| 30 | Green Belt Development                                         | Total RG area (m2):                                                                                                                                                                                                                                                                    | 8055.50                                                                             |                                  |
|    |                                                                | Existing trees on plot:                                                                                                                                                                                                                                                                | 0                                                                                   |                                  |
|    |                                                                | Number of trees to be planted:                                                                                                                                                                                                                                                         | 967 Nos.                                                                            |                                  |
|    |                                                                | Number of trees to be cut:                                                                                                                                                                                                                                                             | 00                                                                                  |                                  |
|    |                                                                | Number of trees to be transplanted:                                                                                                                                                                                                                                                    | 00                                                                                  |                                  |
| 31 | Power requirement:                                             | Source of power supply:                                                                                                                                                                                                                                                                | By MSEDCL                                                                           |                                  |
|    |                                                                | During Construction Phase (Demand Load):                                                                                                                                                                                                                                               | 300 kVA                                                                             |                                  |
|    |                                                                | During Operation phase (Connected load):                                                                                                                                                                                                                                               | 13259 kW                                                                            |                                  |
|    |                                                                | During Operation phase (Demand load):                                                                                                                                                                                                                                                  | 6326 kVA                                                                            |                                  |
|    |                                                                | Transformer:                                                                                                                                                                                                                                                                           | 630 kVA x 13 Nos., 315 kVA 1 No.                                                    |                                  |
|    |                                                                | DG set                                                                                                                                                                                                                                                                                 | Residential: 4 X 625KVA, 1 X 750 KVA, Commercial – 2 X 750 KVA<br>EWS: 1no X 200KVA |                                  |
|    |                                                                | Fuel used                                                                                                                                                                                                                                                                              | Diesel                                                                              |                                  |
| 32 | Details of Energy saving                                       | <ul style="list-style-type: none"> <li>• Use of CFL in the Common Passages and for general lighting with automatic time controller.</li> <li>• Use of Transformers and Motors of high efficiency.</li> <li>• Solar lights will be used for water heating and area lighting.</li> </ul> |                                                                                     | Total saving 37 %                |
| 33 | Environmental Management plan budget during Construction phase |                                                                                                                                                                                                                                                                                        |                                                                                     | Rs. 14.68 Lakhs                  |

|    |                                                                                            |                                                        |                                                |                                  |                               |
|----|--------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------|----------------------------------|-------------------------------|
| 34 | Environmental Management plan<br>Budget during Operation phase                             | Component                                              | Details                                        | Capital<br>(Rs. In<br>lakhs)     | O&M<br>(Rs.in<br>lakhs<br>/Y) |
|    |                                                                                            | Storm<br>Water                                         |                                                |                                  |                               |
|    |                                                                                            | Sewage<br>treatment                                    | 2 STPs                                         | 90                               | 12                            |
|    |                                                                                            | Water<br>treatment                                     | NA                                             |                                  |                               |
|    |                                                                                            | RWH                                                    | 30 nos.<br>of RWH<br>pits with<br>bore<br>well | 21                               | 0.60                          |
|    |                                                                                            | Swimming<br>Pool                                       | 2 Nos.                                         | 72.46                            | 7.2                           |
|    |                                                                                            | Solid Waste<br>& e-waste                               |                                                | 45                               | 5.00                          |
|    |                                                                                            | Hazardous<br>waste                                     | --                                             | --                               | --                            |
|    |                                                                                            | Green belt<br>developme<br>nt                          |                                                | 36.72                            | 3.70                          |
|    |                                                                                            | Energy<br>saving                                       |                                                | 39.19                            | 2.00                          |
|    |                                                                                            | Environmen<br>tal<br>Monitoring                        |                                                | MoEF<br>& CC<br>Approv<br>ed Lab | 39.02                         |
|    |                                                                                            | Disaster<br>Managemen<br>t +<br>Lightening<br>arrestor |                                                | 1627.0                           | 100.00                        |
| 35 | Traffic Management                                                                         | Type                                                   | Required<br>as per<br>DCR                      | Actual<br>Provide<br>d           | Area per<br>parking<br>(m2)   |
|    |                                                                                            | 4-<br>Wheeler                                          | 875                                            | 1564                             | Avg. 33.0                     |
|    |                                                                                            | 2-<br>Wheeler                                          | 3042                                           | 3046                             | Avg. 3.5                      |
|    |                                                                                            | Bicycles                                               | 3042                                           | 3042                             | -                             |
| 36 | Details of Court cases / litigations<br>w.r.t. the project and project<br>location if any. | Suit filed in Civil court Pune , Case no.1848 of 2019. |                                                |                                  |                               |

PP stated that, the project was earlier with Mr. Rajendra Sitaram Goel. The project had earlier obtained Environmental Clearance vide No. SEIAA-EC-0000002072 dated November 7, 2019 for the

construction area 1,42,519.44 m<sup>2</sup> . Now, M/s. Gera Properties Pvt. Ltd. has entered in to the development agreement with Mr. Rajendra Sitaram Goel and are now the developer of the project. NOC from the transferor is obtained. Earlier EC was for construction of 7 Buildings, 32 Shops , 108 Nos. of Row Houses, 25 Nos.of Bungalows, 1 MHADA building . Now, the proposal is for the construction of 12 Residential towers, 2 Typology of Row Houses – 108 Nos, 1 commercial Building and 1 MHADA building with 2 Club Houses.

PP stated that, the earlier proposal was submitted as per Form 4 but due to Circular issued by SEIAA vide letter dated 29/11/2021 regarding processing applications under the category amendment/expansion, the present proposal is re-submitted accordingly, PP further stated that, There is no change in the both applications.

The said project was earlier discussed in 125<sup>th</sup> part (B) SEAC meeting and certain queries were raised for compliance. PP submitted the compliance which is taken on record. The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. Ro certified Compliance submitted by PP was also taken on record.

**During discussion following points emerged:**

1. PP to explore the possibility of increasing the Electricity saving from 1.3 % to at least 5%.
2. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.
3. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|    |      |                            |                                                                                     |
|----|------|----------------------------|-------------------------------------------------------------------------------------|
| 7. | P-08 | SIA/MH/MIS/<br>212074/2021 | ‘Proposed Residential & Commercial Project by Krishna Icon Skyscraper LLP at Wakad. |
|----|------|----------------------------|-------------------------------------------------------------------------------------|

Representative of PP was present during the meeting along with environmental consultant M/s. Pollution and Ecological Services Pvt Ltd.

It is noted that, the PP has submitted the application for expansion in Residential and Commercial Project for total plot area of 6000 m<sup>2</sup>, FSI area of 20790.35 m<sup>2</sup>, Non FSI area of 8998.40 m<sup>2</sup> and total BUA of 29788.75 m<sup>2</sup>.

Brief information of the proposal is as below:

|    |                 |                                           |
|----|-----------------|-------------------------------------------|
| 1. | Proposal Number | SIA\MH\MIS\212074\2021                    |
| 2. | Name of Project | Proposed Residential & Commercial Project |

|     |                                                                                                                                                                                         |                                                                                                      |                                                                                                                                                            |            |                                  |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------|
| 3.  | Project category                                                                                                                                                                        | Schedule 8(a) Category B2                                                                            |                                                                                                                                                            |            |                                  |
| 4.  | Type of Institution                                                                                                                                                                     | Private                                                                                              |                                                                                                                                                            |            |                                  |
| 5.  | Project Proponent                                                                                                                                                                       | Name                                                                                                 | Krishna Icon Skyscraper LLP                                                                                                                                |            |                                  |
|     |                                                                                                                                                                                         | Regd. Office address                                                                                 | Abhinav Nagar, Old Sanghvi, Pune 411027<br>Company Address:- 304, Gopal Krupa, Shivajinagar, Pune 411005                                                   |            |                                  |
|     |                                                                                                                                                                                         | Contact number                                                                                       | 9637111109                                                                                                                                                 |            |                                  |
|     |                                                                                                                                                                                         | e-mail                                                                                               | <a href="mailto:info@krishnagrouppune.com">info@krishnagrouppune.com</a><br><a href="mailto:sandeep@krishnagrouppune.com">sandeep@krishnagrouppune.com</a> |            |                                  |
| 6.  | Applied for                                                                                                                                                                             | New EC                                                                                               |                                                                                                                                                            |            |                                  |
| 7.  | Details of previous EC                                                                                                                                                                  | NA                                                                                                   |                                                                                                                                                            |            |                                  |
| 8.  | Location of the project                                                                                                                                                                 | Sr. No. 173/1/1A, Sai Datta Mandir Road, Sankar Kalate Nagar, Taluka Mulshi, Wakad, PCMC, Pin 411057 |                                                                                                                                                            |            |                                  |
| 9.  | Latitude and Longitude                                                                                                                                                                  | 18 ° 35 ' 58 ' ' N<br>73 ° 45 ' 42 ' ' E                                                             |                                                                                                                                                            |            |                                  |
| 10. | Total Plot Area (m2)                                                                                                                                                                    | 6000                                                                                                 |                                                                                                                                                            |            |                                  |
| 11. | Deductions (m2)                                                                                                                                                                         | 0                                                                                                    |                                                                                                                                                            |            |                                  |
| 12. | Net Plot area (m2)                                                                                                                                                                      | 6000                                                                                                 |                                                                                                                                                            |            |                                  |
| 13. | Proposed FSI area (m2)                                                                                                                                                                  | 20790.35                                                                                             |                                                                                                                                                            |            |                                  |
| 14. | Proposed Non-FSI area (m2)                                                                                                                                                              | 8998.40                                                                                              |                                                                                                                                                            |            |                                  |
| 15. | Proposed TBUA (m2)                                                                                                                                                                      | 29788.75                                                                                             |                                                                                                                                                            |            |                                  |
| 16. | TBUA (m2) approved by Planning Authority till date                                                                                                                                      | 29788.75                                                                                             |                                                                                                                                                            |            |                                  |
| 17. | Total Project Cost (Rs.)                                                                                                                                                                | 60 Cr.                                                                                               |                                                                                                                                                            |            |                                  |
| 18. | CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                          | Activity                                                                                             | Location                                                                                                                                                   | Cost (Rs.) | Duration                         |
|     |                                                                                                                                                                                         | NA                                                                                                   |                                                                                                                                                            |            |                                  |
| 19. | Details of Building Configuration :<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                                                                      |                                                                                                                                                            |            | Reason for Modification / Change |
|     | Previous EC / Existing                                                                                                                                                                  |                                                                                                      | Proposed Configuration                                                                                                                                     |            |                                  |

|     |                                                  |                                         |                 |                                   |                           |            |        |
|-----|--------------------------------------------------|-----------------------------------------|-----------------|-----------------------------------|---------------------------|------------|--------|
|     | Building                                         |                                         |                 |                                   |                           |            |        |
|     | Building Name                                    | Configuration                           | Height (m)      | Building Name                     | Configuration             | Height (m) |        |
|     | -                                                | -                                       | -               | Bldg A ( Residential +Commercial) | B+St+P+18                 | 56.4       |        |
|     | -                                                | -                                       | -               | Bldg B (MHADA)                    | St+ 7                     | 23.2       |        |
| 20. | Total number of tenements                        |                                         | 240             |                                   |                           |            |        |
| 21. | Water Budget                                     | Dry Season (CMD)                        |                 | Wet Season (CMD)                  |                           |            |        |
|     |                                                  | Fresh Water                             |                 | 115.84                            | Fresh Water               |            | 115.84 |
|     |                                                  | Recycled                                |                 | 62.68                             | Recycled                  |            | 59.08  |
|     |                                                  | Swimming Pool                           |                 | 0                                 | Swimming Pool             |            | 0      |
|     |                                                  | Flushing                                |                 | 59.08                             | Flushing                  |            | 59.08  |
|     |                                                  | Total                                   |                 | 178.52                            | Total                     |            | 174.92 |
|     |                                                  | Waste water generation                  |                 | 157.42                            | Waste water generation    |            |        |
| 22. | Water Storage Capacity for Firefighting / UGT    | Domestic 270<br>Flushing 60<br>Fire 100 |                 |                                   |                           |            |        |
| 23. | Source of water                                  | PCMC                                    |                 |                                   |                           |            |        |
| 24. | Rainwater Harvesting (RWH)                       | Level of the Ground water table         |                 |                                   | 15 - 20 M                 |            |        |
|     |                                                  | Size and no of RWH tank(s) and Quantity |                 |                                   |                           |            |        |
|     |                                                  | Quantity and size of recharge pits      |                 |                                   | 2mX2mX2.5m                |            |        |
|     |                                                  |                                         |                 |                                   | 3 nos.                    |            |        |
|     |                                                  | Details of UGT tanks if any             |                 |                                   | Domestic                  | 270        |        |
|     |                                                  |                                         |                 |                                   | Flushing                  | 60         |        |
|     |                                                  |                                         |                 |                                   | Fire                      | 100        |        |
| 25. | Sewage and Wastewater                            | Sewage generation in CMD                |                 | 157.42                            |                           |            |        |
|     |                                                  | STP technology                          |                 | MBBR                              |                           |            |        |
|     |                                                  | Capacity of STP (CMD)                   |                 | 165                               |                           |            |        |
| 26. | Solid Waste Management during Construction Phase | Type                                    | Quantity (kg/d) |                                   | Treatment / disposal      |            |        |
|     |                                                  | Dry waste                               | 3               |                                   | Through authorized agency |            |        |
|     |                                                  | Wet waste                               | 2               |                                   | Through authorized agency |            |        |
|     |                                                  | Construction waste                      | 5               |                                   | Through authorized agency |            |        |
| 27. | Solid Waste                                      | Type                                    | Quantity (kg/d) |                                   | Treatment / disposal      |            |        |

|     |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |                                               |                    |
|-----|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------|--------------------|
|     | Management during Operation Phase                              | Dry waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 262                                             | Handed over to Authorized Agency              |                    |
|     |                                                                | Wet waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 385                                             | In-situ Composting                            |                    |
|     |                                                                | Hazardous waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Negligible                                      | Negligible                                    |                    |
|     |                                                                | Biomedical waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N.A.                                            | N.A.                                          |                    |
|     |                                                                | E-Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 712.0                                           | Handed over to Authorized Dismantler/Recycler |                    |
|     |                                                                | STP Sludge (dry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14.85                                           | In-situ Composting                            |                    |
| 28. | Green Belt Development                                         | Total RG area (m2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 600                                             |                                               |                    |
|     |                                                                | Existing trees on plot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0                                               |                                               |                    |
|     |                                                                | Number of trees to be planted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 75                                              |                                               |                    |
|     |                                                                | Number of trees to be cut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0                                               |                                               |                    |
|     |                                                                | Number of trees to be transplanted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0                                               |                                               |                    |
| 29. | Power requirement                                              | Source of power supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MSEDCL                                          |                                               |                    |
|     |                                                                | During Construction Phase (Demand Load)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 75 KW                                           |                                               |                    |
|     |                                                                | During Operation phase (Connected load)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1258 KW                                         |                                               |                    |
|     |                                                                | During Operation phase (Demand load)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 583 KW                                          |                                               |                    |
|     |                                                                | Transformer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 630 KVA- 1 No                                   |                                               |                    |
|     |                                                                | DG set                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 200 KVA- 1 No                                   |                                               |                    |
|     | Fuel used                                                      | HSD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |                                               |                    |
| 30. | Details of Energy saving                                       | Most of the common area & external lighting are proposed to work on high energy efficient lamps(LED) as specified in bureau of energy efficiency which again results in saving in general consumption<br>Low loss Transformers due to which 6.22% losses are saved against conventional transformer.<br>Power Capacitors are proposed for load power factor correction and to maintain a healthy power situation. This also results in less demand load factor for the project.<br>Solar PV, Hot Water, Solar Street Lights, Energy Efficient Motors are proposed |                                                 |                                               |                    |
| 31. | Environmental Management plan budget during Construction phase | No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Details                                         | Costper annum (Rs. In Lacs)                   |                    |
|     |                                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Water for Construction,Labour& Dust Suppression | 4                                             |                    |
|     |                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Site Sanitation & Health & Safety PPE Kits      | 3                                             |                    |
|     |                                                                | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Environmental Monitoring                        | 4                                             |                    |
|     |                                                                | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Disinfection& Health & Safety                   | 3                                             |                    |
|     |                                                                | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Health Check up                                 | 3                                             |                    |
| 32. | Environmental Management plan Budget during Operation phase    | Component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Details                                         | Capital (Rs.In Lacs)                          | O&M (Rs.In Lacs/Y) |
|     |                                                                | Sewage treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Waste Water Management                          | 14.50                                         | 9.4                |
|     |                                                                | RWH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RWH Pits                                        | 3.00                                          | 0.30               |
|     |                                                                | Solid Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Organic Waste Composting                        | 5.50                                          | 1.5                |
|     |                                                                | Green belt development                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tree Plantation                                 | 4.03                                          | 0.40               |

|     |                                                                                     |                          |                     |                             |                 |       |                       |  |
|-----|-------------------------------------------------------------------------------------|--------------------------|---------------------|-----------------------------|-----------------|-------|-----------------------|--|
|     |                                                                                     | Energy saving            |                     | Energy Conservation         |                 | 35.50 | 1.38                  |  |
|     |                                                                                     | Environmental Monitoring |                     | Pollution Control           |                 | 0     | 6                     |  |
|     |                                                                                     | Disaster Management      |                     | Fire & LA                   |                 | 70.83 | 3.54                  |  |
|     |                                                                                     | PPE Kits Health & Safety |                     | Biomedical Waste Management |                 | 0     | 1                     |  |
| 33. | Traffic Management                                                                  | Type                     | Required as per DCR |                             | Actual Provided |       | Area per parking (m2) |  |
|     |                                                                                     | 4-Wheeler                | 243                 |                             | 243             |       | 5968.75               |  |
|     |                                                                                     | 2-Wheeler                | 936                 |                             | 936             |       |                       |  |
|     |                                                                                     | Bicycles                 | 0                   |                             | 0               |       |                       |  |
| 34. | Details of Court cases / litigationsw.r.t ( the project and project location if any | NA                       |                     |                             |                 |       |                       |  |

The application was discussed in 124<sup>th</sup> SEAC meeting and certain queries were raised by the Committee. PP submitted compliance of the queries raised which were taken on record. The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to ensure that the changes Proposed in Layout shall be implemented so as to move fire tender all along the Mhada building proposed.
2. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction
3. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|    |      |                        |                                                                                                             |
|----|------|------------------------|-------------------------------------------------------------------------------------------------------------|
| 8. | P-08 | SIA/MH/MIS/211878/2021 | Proposed Commercial project at S. no. 146/3A/3B/1, Plot No. 1, Pashan, Pune by Mr. Balchand Dhanraj Chordia |
|----|------|------------------------|-------------------------------------------------------------------------------------------------------------|

PP was present during the meeting along with environmental consultant M/s. **JM Environet Pvt. Ltd.**

It is noted that, the PP has submitted the application for total plot area of 3200 m<sup>2</sup>, FSI area of 15838.64 m<sup>2</sup>, Non FSI area of 11809.04 m<sup>2</sup> and total BUA of 27647.69 m<sup>2</sup>.

Brief information of the proposal is as below:

|    |                                                                                |                                                                                                                                                          |                                                                                                            |            |
|----|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------|
| 1  | Proposal Number                                                                | SIA/MH/MIS/211878/2021                                                                                                                                   |                                                                                                            |            |
| 2  | Name of Project                                                                | Proposed Commercial project at S. no. 146/3A/3B/1, Plot No. 1, Pashan, Pune by Mr. Balchand Dhanraj Chordia                                              |                                                                                                            |            |
| 3  | Project Category                                                               | Category ‘B2’, Activity 8(a)                                                                                                                             |                                                                                                            |            |
| 4  | Type of institution                                                            | Private                                                                                                                                                  |                                                                                                            |            |
| 5  | Name of Project Proponent                                                      | Name: Mr. Balchand Dhanraj Chordia<br>Address: Sai Icon, 3rd floor, Above Bharat Furnishing, Baner road, Aundh, Pune-411007<br>Mobile number: 9822598911 |                                                                                                            |            |
| 6  | Name of Consultant                                                             | J M EnviroNet Pvt Ltd                                                                                                                                    |                                                                                                            |            |
| 7  | Applied for                                                                    | New Project                                                                                                                                              |                                                                                                            |            |
| 8  | Details of Previous EC                                                         | NA                                                                                                                                                       |                                                                                                            |            |
| 9  | Location of the project                                                        | S. no. 146/3A/3B/1, Plot No. 1, Pashan, Pune                                                                                                             |                                                                                                            |            |
|    | Taluka                                                                         | Haveli                                                                                                                                                   |                                                                                                            |            |
|    | Village                                                                        | Pashan                                                                                                                                                   |                                                                                                            |            |
|    | District                                                                       | Pune                                                                                                                                                     |                                                                                                            |            |
| 10 | Latitude & Longitude                                                           | Latitude – 18.536320° N<br>Longitude - 73.792456 ° E                                                                                                     |                                                                                                            |            |
| 11 | Total Plot Area (m <sup>2</sup> )                                              | 3200 sq. mt.                                                                                                                                             |                                                                                                            |            |
| 12 | Deductions (m <sup>2</sup> )                                                   | 0                                                                                                                                                        |                                                                                                            |            |
| 13 | Net Plot area(m <sup>2</sup> )                                                 | 3200 sq.mt.                                                                                                                                              |                                                                                                            |            |
| 14 | Proposed FSI area (m <sup>2</sup> )                                            | 15838.64 SQ.M.                                                                                                                                           |                                                                                                            |            |
| 15 | Proposed Non FSI area (m <sup>2</sup> )                                        | 11809.04 SQ.M.                                                                                                                                           |                                                                                                            |            |
| 16 | Proposed Total Built-up Area (FSI & Non-FSI) (m <sup>2</sup> )                 | 27647.69 SQ.M.                                                                                                                                           |                                                                                                            |            |
| 17 | Total built up area (m <sup>2</sup> ) approved by planning authority till date | Received.                                                                                                                                                |                                                                                                            |            |
| 18 | Ground coverage (m <sup>2</sup> ) & %                                          | NA as per UDCPR                                                                                                                                          |                                                                                                            |            |
| 19 | Total Project Cost (Rs.)                                                       | Rs. 49 Cr                                                                                                                                                |                                                                                                            |            |
| 20 | CER as per MoEF & CC circular dated 01/05/2018                                 | -----                                                                                                                                                    |                                                                                                            |            |
| 21 | Number of buildings & its configuration:                                       |                                                                                                                                                          |                                                                                                            |            |
|    | S. No                                                                          | Building Name                                                                                                                                            | Configuration                                                                                              | Height (m) |
|    | 1                                                                              | Commercial Building                                                                                                                                      | Lower Basement + Upper Basement + Ground floor +Mezz+ Parking floor 1 + Parking floor 2 + 8 offices floors | 45.60      |
| 22 | Number of tenants and shops                                                    | Commercial Building                                                                                                                                      |                                                                                                            |            |
|    | Number of expected residents/users                                             | Commercial population : 2016 persons                                                                                                                     |                                                                                                            |            |
| 23 | Water Budget                                                                   |                                                                                                                                                          |                                                                                                            |            |

|    |                                                          |                                                                 |                                                                                                                                                               |                                     |
|----|----------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
|    | <b>Dry Season (CMD)</b>                                  |                                                                 | <b>Wet Season (CMD)</b>                                                                                                                                       |                                     |
|    | Fresh water(CMD):                                        | 40.32                                                           | Fresh water(CMD):                                                                                                                                             | 40.32                               |
|    | Recycled water-Flushing(CMD):                            | 50.40                                                           | Recycled water-Flushing(CMD):                                                                                                                                 | 50.40                               |
|    | Recycled water-Gardening (CMD):                          | 03                                                              | Recycled water-Gardening (CMD):                                                                                                                               | 0                                   |
|    | Swimming pool makeup(Cum):                               | 0                                                               | Swimming pool makeup(Cum):                                                                                                                                    | 0                                   |
|    | Total Water Requirement(CMD)                             | 93.72                                                           | Total Water Requirement(CMD)                                                                                                                                  | 90.72                               |
|    | Waste water generation (CMD)                             | 84.35                                                           | Waste water generation (CMD)                                                                                                                                  | 84.35                               |
| 24 | <b>Water Storage Capacity for Firefighting /UGT (m3)</b> |                                                                 |                                                                                                                                                               | 200 KLD                             |
| 25 | <b>Source of water</b>                                   |                                                                 |                                                                                                                                                               | PMC, Pune                           |
| 26 | <b>Rain Water Harvesting (RWH)</b>                       | Level of the Ground water table:                                | 05.5 to 7 m bgl                                                                                                                                               |                                     |
|    |                                                          | Size and no of RWH tank(s) and Quantity:                        | NA                                                                                                                                                            |                                     |
|    |                                                          | Location of the RWH tank(s):                                    | NA                                                                                                                                                            |                                     |
|    |                                                          | Quantity of recharge pits:                                      | 02 Nos                                                                                                                                                        |                                     |
|    |                                                          | Size of recharge pits :                                         | 2m ×2m×2m and collection chamber 1m ×1m×1m . Dimensions of recharge bore well 175mm diameter depth 60 meter and depth of perforated or slotted casing 6 meter |                                     |
|    | <b>Details of UGT tanks if any:</b>                      | UGT Fire Tank                                                   | 100 KLD<br>200 KLD                                                                                                                                            |                                     |
| 27 | <b>Sewage and Waste water</b>                            | Sewage generation in CMD:                                       | 84.35 KLD                                                                                                                                                     |                                     |
|    |                                                          | STP technology:                                                 | MBBR                                                                                                                                                          |                                     |
|    |                                                          | Capacity of STP (CMD):                                          | 90 KLD                                                                                                                                                        |                                     |
| 28 | <b>Solid Waste Management during Construction Phase</b>  | Total waste- 20 kg/d<br>Dry waste- 12 kg/d<br>Wet waste- 8 kg/d |                                                                                                                                                               |                                     |
|    | <b>Solid Waste Management during Operation Phase:</b>    | <b>Type</b>                                                     | <b>Quantity (kg/day)</b>                                                                                                                                      | <b>Treatment/disposal</b>           |
|    |                                                          | Dry waste:                                                      | 302 kg/day                                                                                                                                                    | Handed over to Swach                |
|    |                                                          | Wet waste:                                                      | 202 kg/day                                                                                                                                                    | OWC of capacity 250 kg/day proposed |
|    |                                                          | Hazardous waste:                                                | NA                                                                                                                                                            | NA                                  |
|    |                                                          | Biomedical waste                                                | --                                                                                                                                                            | --                                  |
|    |                                                          | E-Waste                                                         | 5.5 kg/day                                                                                                                                                    | Handed over to Swach                |
|    |                                                          | STP Sludge                                                      | 8.4 kg/day                                                                                                                                                    | Used as manure after                |

|    |                                                                |                                                                                                 |                                                             |                                     |                                                   |
|----|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|---------------------------------------------------|
|    |                                                                | (Dry)                                                                                           |                                                             | OWC Treatment                       |                                                   |
| 30 | Green Belt Development                                         |                                                                                                 |                                                             |                                     |                                                   |
|    | Total RG area (m2):                                            |                                                                                                 | 321 sq. m                                                   |                                     |                                                   |
|    | Existing trees on plot                                         |                                                                                                 | 23                                                          |                                     |                                                   |
|    | Number of trees to be planted                                  |                                                                                                 | 40                                                          |                                     |                                                   |
|    | No of trees to be cut                                          |                                                                                                 | 03                                                          |                                     |                                                   |
|    | Number of trees to be transplanted                             |                                                                                                 | 0                                                           |                                     |                                                   |
|    | No of trees to be protected                                    |                                                                                                 | 17                                                          |                                     |                                                   |
| 31 | Power Requirement                                              |                                                                                                 |                                                             |                                     |                                                   |
|    | Source of power supply:                                        |                                                                                                 | MSEDCL                                                      |                                     |                                                   |
|    | During Construction Phase: (Demand Load)                       |                                                                                                 | 50 Kw                                                       |                                     |                                                   |
|    | During Operation phase (Connected load):                       |                                                                                                 | 2107 KW                                                     |                                     |                                                   |
|    | During Operation phase (Demand load):                          |                                                                                                 | 1387 KW ( 1511 KVA )                                        |                                     |                                                   |
|    | Transformer:                                                   |                                                                                                 | 2 x 22 KV/630 KVA , 1 x 22 KV/315 KVA                       |                                     |                                                   |
|    | DG set:                                                        |                                                                                                 | 3 x 500 KVA                                                 |                                     |                                                   |
|    | Fuel used:                                                     |                                                                                                 | HSD                                                         |                                     |                                                   |
| 32 | Details of Energy saving:                                      |                                                                                                 |                                                             |                                     |                                                   |
|    | S. no                                                          | Energy Conservation Measures                                                                    | Saving%                                                     |                                     |                                                   |
|    | 1                                                              | Energy efficient Solar lighting for landscape & driveway+ common area lighting + Solar PV panel | 6.33 % (By Solar PV- 5 %)                                   |                                     |                                                   |
| 33 | Environmental Management Plan budget during Construction Phase |                                                                                                 |                                                             |                                     |                                                   |
|    | S. No.                                                         | Attributes                                                                                      | Parameter                                                   | Total Cost per annum ( Rs. In Lacs) |                                                   |
|    | 1                                                              | Air                                                                                             | Erosion control – dust suppression measures and barricading | Rs. 5,00,000 /-                     |                                                   |
|    | 2                                                              | Land                                                                                            | Site Sanitation & Safety                                    | Rs. 7,50,000 ,/-                    |                                                   |
|    | 3                                                              | Environment management                                                                          | Environmental Monitoring                                    | Rs. 1,20,000/-                      |                                                   |
|    | 4                                                              | Health & safety                                                                                 | Disinfection and Health Check-ups                           | Rs. 1,50,000 /-                     |                                                   |
|    | Total                                                          |                                                                                                 |                                                             | Rs. 15,20,000 /-                    |                                                   |
| 34 | Environmental Management Plan budget during Operation phase    |                                                                                                 |                                                             |                                     |                                                   |
|    | S.No                                                           | Component                                                                                       | Description                                                 | Capital cost Rs. In Lacs            | Operational and Maintenance cost (Rs. In Lacs/yr) |
|    | 1                                                              | Sewage Treatment Plant                                                                          | STP of 90 KLD based on MBBR technology                      | Rs. 25,00,000 /-                    | Rs. 1,25,000 /-                                   |
|    | 2                                                              | Solid Waste                                                                                     | OWC of capacity                                             | Rs. 11,75,000                       | Rs.                                               |

|    |                                                                                             |                            |                          |                    |                  |
|----|---------------------------------------------------------------------------------------------|----------------------------|--------------------------|--------------------|------------------|
|    |                                                                                             | Management                 | 250 kg/day               | /-                 | 2,94,756/-       |
|    | 3                                                                                           | Bio-medical waste          | --                       | Rs. 1,00,000/-     |                  |
|    | 4                                                                                           | Rain Water Harvesting      | RWH pits                 | Rs. 3,00,000 /-    | Rs. 60,000 /-    |
|    | 5                                                                                           | Green Belt Development     | Trees proposed           | Rs. 25,65,650 /-   | Rs. 1,58,282 /-  |
|    | 6                                                                                           | Energy                     | Solar PV panels          | Rs. 56,00,000 /-   | Rs. 2,80,000/-   |
|    | 7                                                                                           | Environmental Monitoring   | Environmental Monitoring | —                  | Rs.1,20,000/-    |
|    | 8                                                                                           | Basement ventilation       | -                        | Rs. 12,00,000 /-   |                  |
|    | <b>Total</b>                                                                                |                            |                          | Rs. 1,34,40,650 /- | Rs. 10,38,038 /- |
| 35 | <b>Traffic Management</b>                                                                   |                            |                          |                    |                  |
|    | <b>Type</b>                                                                                 | <b>Required as per DCR</b> | <b>Actual provided</b>   | <b>Area</b>        |                  |
|    | 4-wheeler                                                                                   | 179                        | 179                      | 6155               |                  |
|    | 2 – wheeler                                                                                 | 650                        | 694                      | 1428               |                  |
|    | Cycle                                                                                       | --                         | --                       | --                 |                  |
| 36 | <b>Details of Court cases / litigations w.r.t. the project and project location if any.</b> |                            | NA                       |                    |                  |

It was stated that, the proposed Construction is for commercial building. The excavation work is started as per sanction received in the Year 2020 as the construction potential was 18264.52 Sq. meters which was less than 20,000 Sq. meter. The Architect Certificate mentioned that in the year 2020 the construction potential for FSI was 8800 Sq.m and Non FSI 9464.52 Sq. meter. The same certificate was taken on record. It was further stated that due to UDCPR the potential is exceeding 20,000 Sq. meter.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. As agreed during presentation PP to explore to have the Project ZLD project.
2. PP to ensure that the at least one meter soil depth shall be maintained on podium where plantation is Proposed so that proposed plantation shall survive.
3. The final sewerage connection shall be with Sewer trap with drop arrangement.
4. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction
5. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

|     |      |                            |                                                                                                                                  |
|-----|------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 09. | P-09 | SIA/MH/MIS/<br>214667/2021 | Proposed Residential & Commercial project at Survey No. 567(P), Charholi, Taluka: Haveli, District: Pune by M/s Swastik Builders |
|-----|------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|

Representative of PP was present during the meeting along with environmental consultant M/s. JM Environet Pvt Ltd. It is noted that, the PP has submitted the application for proposed residential and commercial project for total plot area of 5100 m<sup>2</sup>, FSI area of 20876.89 m<sup>2</sup>, Non FSI area of 13638.90 m<sup>2</sup> and total BUA of 34515.79 m<sup>2</sup>.

Brief information of the proposal is as below:

| Sr. No. | Particulars                                                                    | Commitment on                                                                                                                                                |                                         |            |          |
|---------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------|----------|
| 1       | Proposal Number                                                                | SIA/MH/MIS/214667/2021                                                                                                                                       |                                         |            |          |
| 2       | Name of Project                                                                | Proposed Residential & Commercial project at Survey No. 567(P), Charholi, Taluka: Haveli, District: Pune- 412105 by M/s Swastik Builders                     |                                         |            |          |
| 3       | Project Category                                                               | Category 'B2', Activity 8(a)                                                                                                                                 |                                         |            |          |
| 4       | Type of institution                                                            | Private                                                                                                                                                      |                                         |            |          |
| 5       | Name of Project Proponent                                                      | Name: Mr. Jagdishbhai Gorani Aka Patel<br>Address: Shop No. 1&2, Royal Arcade, ADC Plot, C-4/5, Sect-26, Near Akurdi Police Chowki, Nigadi Pradhikaran, Pune |                                         |            |          |
| 6       | Name of Consultant                                                             | J. M. EnviroNet Pvt. Ltd.                                                                                                                                    |                                         |            |          |
| 7       | Applied for                                                                    | New Greenfield Project                                                                                                                                       |                                         |            |          |
| 8       | Details of Previous EC                                                         | NA                                                                                                                                                           |                                         |            |          |
| 9       | Location of the project                                                        | Survey No. 567(P), Charholi, Taluka: Haveli, District: Pune                                                                                                  |                                         |            |          |
|         | Taluka                                                                         | Haveli                                                                                                                                                       |                                         |            |          |
|         | Village                                                                        | Charholi                                                                                                                                                     |                                         |            |          |
|         | District                                                                       | Pune                                                                                                                                                         |                                         |            |          |
| 10      | Latitude & Longitude                                                           | Latitude- 18°39'35.49"N<br>Longitude - 73°53'47.50"E                                                                                                         |                                         |            |          |
| 11      | Total Plot Area (m <sup>2</sup> )                                              | 5100 sq. mt.                                                                                                                                                 |                                         |            |          |
| 12      | Deductions (m <sup>2</sup> )                                                   | 728.79 sq.mt.                                                                                                                                                |                                         |            |          |
| 13      | Net Plot area(m <sup>2</sup> )                                                 | 4371.21 sq. mt.                                                                                                                                              |                                         |            |          |
| 14      | Proposed FSI area (m <sup>2</sup> )                                            | 20876.89 sq. mt.                                                                                                                                             |                                         |            |          |
| 15      | Proposed Non FSI area (m <sup>2</sup> )                                        | 13638.90 sq. mt.                                                                                                                                             |                                         |            |          |
| 16      | Proposed Total Built-up Area (FSI & Non-FSI) (m <sup>2</sup> )                 | 34515.79 sq. mt.                                                                                                                                             |                                         |            |          |
| 17      | Total built up area (m <sup>2</sup> ) approved by planning authority till date | Applied                                                                                                                                                      |                                         |            |          |
| 18      | Ground coverage (m <sup>2</sup> ) & %                                          | --                                                                                                                                                           |                                         |            |          |
| 19      | Total Project Cost (Rs.)                                                       | --                                                                                                                                                           |                                         |            |          |
| 20      | CER as per MoEF & CC circular dated 01/05/2018                                 | Activity                                                                                                                                                     | Location                                | Cost (Lac) | Duration |
|         |                                                                                | Rain water harvesting                                                                                                                                        | Rain water harvesting for ZP schools in | 05         | 2022-27  |

|    |                                                   |                  |                                                                                        |                                                                       |                                          |               |
|----|---------------------------------------------------|------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|---------------|
|    |                                                   |                  | for ZP<br>scools in<br>Charholi                                                        | Charholi                                                              |                                          |               |
|    |                                                   |                  | Supply of<br>ventilator<br>s to Covid<br>care<br>hospitals<br>in<br>Chikhali           | Supply of<br>ventilators to<br>Covid care<br>hospitals in<br>Chikhali | 49                                       | 2022-27       |
| 21 | Number of buildings & its configuration:          |                  |                                                                                        |                                                                       |                                          |               |
|    | S.<br>No.                                         | Building<br>Name | Configuration                                                                          |                                                                       |                                          | Height<br>(m) |
|    | 1                                                 | Bldg A           | 2B+G+16 floors                                                                         |                                                                       |                                          | 49.30 m       |
|    | 2                                                 | Bldg B           | 2B+G+16 floors                                                                         |                                                                       |                                          | 49.30 m       |
| 22 | Number of tenants<br>and shops                    |                  | Flats- 240 no. + Commercial Shops                                                      |                                                                       |                                          |               |
|    | Number of expected<br>residents/users             |                  | Residential- 1200 persons<br>Commercial- 302 persons<br>Total Population- 1502 persons |                                                                       |                                          |               |
| 23 | Water Budget                                      |                  |                                                                                        |                                                                       |                                          |               |
|    | Dry Season (CMD)                                  |                  |                                                                                        | Wet Season (CMD)                                                      |                                          |               |
|    | Fresh water(CMD):                                 |                  | 115.55                                                                                 | Fresh water(CMD):                                                     |                                          | 115.55        |
|    | Recycled water-<br>Flushing(CMD):                 |                  | 60.04                                                                                  | Recycled water-<br>Flushing(CMD):                                     |                                          | 60.04         |
|    | Recycled water-<br>Gardening (CMD):               |                  | 3.5                                                                                    | Recycled water-<br>Gardening (CMD):                                   |                                          | 00            |
|    | Swimming pool<br>makeup(Cum):                     |                  | 00                                                                                     | Swimming pool<br>makeup(Cum):                                         |                                          | 00            |
|    | Total Water<br>Requirement(CMD)                   |                  | 179.09                                                                                 | Total Water<br>Requirement(CMD)                                       |                                          | 175.59        |
|    | Waste water generation<br>(CMD)                   |                  | 154                                                                                    | Waste water generation<br>(CMD)                                       |                                          | 154           |
| 24 | Water Storage Capacity for Firefighting /UGT (m3) |                  |                                                                                        | 300 KLD                                                               |                                          |               |
| 25 | Source of water                                   |                  |                                                                                        | PCMC, Pune                                                            |                                          |               |
| 26 | Rain Water<br>Harvesting (RWH)                    |                  | Level of the Ground water<br>table:                                                    |                                                                       | 8-10 m BGL Average                       |               |
|    |                                                   |                  | Size and no of RWH tank(s)<br>and Quantity:                                            |                                                                       | NA                                       |               |
|    |                                                   |                  | Location of the RWH<br>tank(s):                                                        |                                                                       | NA                                       |               |
|    |                                                   |                  | Quantity of recharge pits:                                                             |                                                                       | 3 Nos. (2 Roof top+1 Surface<br>runoff)  |               |
|    |                                                   |                  | Size of recharge pits<br>:                                                             |                                                                       | 2 M x 2M x 2.5 M                         |               |
|    | Details of UGT tanks if<br>any:                   |                  | Domestic Tank<br>Fire Tank<br>Drinking<br>Commercial                                   |                                                                       | 128KLD<br>300 KLD<br>25.60 KLD<br>14 KLD |               |

|    |                                                                |                                                                                                                          |                                    |                                     |
|----|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------|
| 27 | Sewage and Waste water                                         | Sewage generation in CMD:                                                                                                |                                    | 154 CMD                             |
|    |                                                                | STP technology:                                                                                                          |                                    | MBBR                                |
|    |                                                                | Capacity of STP (CMD):                                                                                                   |                                    | 155CMD                              |
| 28 | Solid Waste Management during Construction Phase               | Total waste- 25 kg/d<br>Dry waste- 15 kg/d<br>Wet waste- 10 kg/d                                                         |                                    |                                     |
|    | Solid Waste Management during Operation Phase:                 | Type                                                                                                                     | Quantity (kg/day)                  | Treatment/disposal                  |
|    |                                                                | Dry waste:                                                                                                               | 285.3 kg/day                       | Handed over to Swach                |
|    |                                                                | Wet waste:                                                                                                               | 390.2 kg/day                       | OWC proposed                        |
|    |                                                                | Hazardous waste:                                                                                                         | NA                                 | NA                                  |
|    |                                                                | Biomedical waste                                                                                                         | --                                 | --                                  |
|    |                                                                | E-Waste                                                                                                                  | 2.47 kg/day                        | Handed over to Swach                |
|    |                                                                | STP Sludge (Dry)                                                                                                         | 15 kg/day                          | Used as manure after OWC Treatment  |
| 30 | Green Belt Development                                         |                                                                                                                          |                                    |                                     |
|    | Total RG area (m2):                                            |                                                                                                                          | 437.12 sq. mt.                     |                                     |
|    | Existing trees on plot                                         |                                                                                                                          | 00                                 |                                     |
|    | Number of trees to be planted                                  |                                                                                                                          | 55 no.                             |                                     |
|    | No of trees to be cut                                          |                                                                                                                          | 00                                 |                                     |
|    | Number of trees to be transplanted                             |                                                                                                                          | 00                                 |                                     |
|    | No of trees to be protected                                    |                                                                                                                          | 00                                 |                                     |
| 31 | Power Requirement                                              |                                                                                                                          |                                    |                                     |
|    | Source of power supply:                                        |                                                                                                                          | MSEDCL                             |                                     |
|    | During Construction Phase: (Demand Load)                       |                                                                                                                          | 75 KW                              |                                     |
|    | During Operation phase (Connected load):                       |                                                                                                                          | 1269 KW                            |                                     |
|    | During Operation phase (Demand load):                          |                                                                                                                          | 651 KW                             |                                     |
|    | Transformer:                                                   |                                                                                                                          | 630 KVA & 315 KVA                  |                                     |
|    | DG set:                                                        |                                                                                                                          | 2 x160 KVA                         |                                     |
|    | Fuel used:                                                     |                                                                                                                          | HSD                                |                                     |
| 32 | Details of Energy saving:                                      |                                                                                                                          |                                    |                                     |
|    | S. no                                                          | Energy Conservation Measures                                                                                             |                                    | Saving%                             |
|    | 1                                                              | Energy efficient Solar lighting for landscape & driveway+ common area lighting + Solar Hot water system + Solar PV panel |                                    | 14.14 % (Solar PV- 3 %)             |
| 33 | Environmental Management Plan budget during Construction Phase |                                                                                                                          |                                    |                                     |
|    | S. No.                                                         | Attributes                                                                                                               | Parameter                          | Total Cost per annum ( Rs. In Lacs) |
|    | 1                                                              | Air                                                                                                                      | Erosion control – dust suppression | Rs. 1,06,000 /-                     |

|    |                                                                                      |                                        |                                   |                             |                                                            |
|----|--------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------|-----------------------------|------------------------------------------------------------|
|    |                                                                                      |                                        | measures and barricading          |                             |                                                            |
|    | 2                                                                                    | Land                                   | Site Sanitation & Safety          | Rs. 26,500/-                |                                                            |
|    | 3                                                                                    | Environment management                 | Environmental Monitoring          | Rs. 1,20,000/-              |                                                            |
|    | 4                                                                                    | Health & safety                        | Disinfection and Health Check-ups | Rs. 1,33,000 /-             |                                                            |
|    | Total                                                                                |                                        |                                   | Rs. 03,85,500/-             |                                                            |
| 34 | Environmental Management Plan budget during Operation phase                          |                                        |                                   |                             |                                                            |
|    | S.No                                                                                 | Component                              | Description                       | Capital cost<br>Rs. In Lacs | Operational and<br>Maintenance<br>cost (Rs. In<br>Lacs/yr) |
|    | 1                                                                                    | Sewage Treatment Plant                 | STP based on MBBR technology      | Rs.19,55,000/-              | Rs.7,55,000 /-                                             |
|    | 2                                                                                    | Solid Waste Management                 | OWC                               | Rs. 13,50,000 /-            | Rs. 3,26,430/-                                             |
|    | 3                                                                                    | Bio-medical waste                      | --                                | Rs. 1,00,000/-              |                                                            |
|    | 4                                                                                    | Rain Water Harvesting                  | RWH pits                          | Rs. 3,00,000/-              | Rs. 20,000/-                                               |
|    | 5                                                                                    | Green Belt Development                 | Trees proposed                    | Rs. 9,41,000 /-             | Rs. 1,05,240 /-                                            |
|    | 6                                                                                    | Energy                                 | Solar PV panels & solar hot water | Rs. 43,20,000 /-            | Rs. 86,000/-                                               |
|    | 7                                                                                    | Environmental Monitoring               | Environmental Monitoring          | —                           | Rs1,20,000/-                                               |
|    | 8                                                                                    | Basement Ventilation                   | Basement Ventilation              | Rs. 55,00,000/-             | Rs. 2,50,000/-                                             |
|    | 9                                                                                    | Water tankers (Alternate arrangements) |                                   |                             | Rs. 20,07,500/-                                            |
|    | Total                                                                                |                                        |                                   | Rs.<br>1,44,66,000/-        | Rs. 53,65,821/-                                            |
| 35 | Traffic Management                                                                   |                                        |                                   |                             |                                                            |
|    | Type                                                                                 | Required as per DCR                    |                                   | Actual provided             | Area                                                       |
|    | 4-wheeler                                                                            | 139                                    |                                   | 139                         | 5941 sq. m                                                 |
|    | 2 – wheeler                                                                          | 678                                    |                                   | 678                         |                                                            |
|    | Cycle                                                                                | --                                     |                                   |                             |                                                            |
| 36 | Details of Court cases / litigations w.r.t. the project and project location if any. |                                        |                                   | NA                          |                                                            |

It was stated that the proposed construction was commercial and residential projects with two buildings one Residential and second Residential cum Commercial. The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to submit details of access to be provided in between two buildings.
2. PP to ensure that all conditions prescribed by MSETCL for shifting of HT line are complied Scrupulously.
3. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
4. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

\*\*\*\*\*

|     |      |                            |                   |
|-----|------|----------------------------|-------------------|
| 10. | P-10 | SIA/MH/MIS/<br>178327/2020 | EMPIRE PROPERTIES |
|-----|------|----------------------------|-------------------|

Representative of PP was present during the meeting along with environmental consultant.

It is noted that, the PP has submitted the application for expansion cum modification in Residential and Commercial building for total plot area of 47445.46 m<sup>2</sup>, FSI area of **69755.05** m<sup>2</sup>, Non FSI area of **79493.06** m<sup>2</sup> and total BUA of **149248.11**m<sup>2</sup>.

Brief information of the proposal is as below:

|    |                         |                                                                                                                                                                                                     |
|----|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Proposal Number         | SIA/MH/MIS/178327/2020                                                                                                                                                                              |
| 2. | Name of Project         | <b>Empire Square</b>                                                                                                                                                                                |
| 3. | Project category        | 8a (B2)                                                                                                                                                                                             |
| 4. | Type of Institution     | Private                                                                                                                                                                                             |
| 5. | Project Proponent       | M/s. Empire Properties<br>C.T.S. No. 4510/1, Mumbai Pune Road, Empire Estate,<br>Chinchwad, Pune 411019<br>9881722882<br><a href="mailto:empiresquarepune@gmail.com">empiresquarepune@gmail.com</a> |
| 6. | Consultant              | EMP Consultant <b>ABC Techno Labs India Pvt Ltd</b><br>(Accredited by NABET vide no NABET/EIA/1922/RA 0155 dated 2 <sup>nd</sup> March 2020 valid upto 24 <sup>th</sup> May 2022)                   |
| 7. | Applied for             | Expansion cum Modification                                                                                                                                                                          |
| 8. | Details of previous EC  | Previous EC is received vide No. SEAC 2010/CR 584/TC-2 dated 18 <sup>th</sup> October 2012. Revalidation Letter SIA/MH/MIS/121516/2019 dated 31.3.2020                                              |
| 9. | Location of the project | City Survey No. 4746(P), 4751(P), 4752(P), Chinchwad, Pune 411019                                                                                                                                   |

|     |                                                                                                                                                                                         |                                                                                 |                                                 |                      |                                                         |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------|----------------------|---------------------------------------------------------|
| 10. | Latitude and Longitude                                                                                                                                                                  | Latitude 18°38'08.15" N Longitude 73°48'01.15" E                                |                                                 |                      |                                                         |
| 11. | Total Plot Area (m2)                                                                                                                                                                    | 47445.46 m <sup>2</sup>                                                         |                                                 |                      |                                                         |
| 12. | Deductions (m2)                                                                                                                                                                         | 8506.45                                                                         |                                                 |                      |                                                         |
| 13. | Net Plot area (m2)                                                                                                                                                                      | 38939.01                                                                        |                                                 |                      |                                                         |
| 14. | Proposed FSI area (m2)                                                                                                                                                                  | <b>69755.05</b>                                                                 |                                                 |                      |                                                         |
| 15. | Proposed non-FSI area (m2)                                                                                                                                                              | <b>79493.06</b>                                                                 |                                                 |                      |                                                         |
| 16. | Proposed TBUA (m2)                                                                                                                                                                      | <b>149248.11</b>                                                                |                                                 |                      |                                                         |
| 17. | TBUA (m2) approved by Planning Authority till date                                                                                                                                      | Sanction plan vide no. B.P./Chinchwad/30/2017 dated 20 <sup>th</sup> April 2017 |                                                 |                      |                                                         |
| 18. | Ground coverage (m2) & %                                                                                                                                                                | 19000 sq.m (40.38 %)                                                            |                                                 |                      |                                                         |
| 19. | Total Project Cost (Rs.)                                                                                                                                                                | 408 Cr.                                                                         |                                                 |                      |                                                         |
| 20. | CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                          | Activity                                                                        | Location                                        | Cost (Rs.)           | Duration                                                |
|     |                                                                                                                                                                                         | Educational Equipments                                                          | Darshan Education Foundation                    | 103.50               | 7 yrs.                                                  |
|     |                                                                                                                                                                                         | Spiritual and Social Articles                                                   | Sawan Kripal Ruhani Mission                     | 78.00                | 7 yrs.                                                  |
|     |                                                                                                                                                                                         | Spiritual and Social Articles                                                   | Sadhu Waswani Mission                           | 103.50               | 7 yrs.                                                  |
|     |                                                                                                                                                                                         | Medical & Surgical Equipments and Articles                                      | Society of friends of Sassoon Hospitals         | 21.00                | 7 yrs.                                                  |
| 21. | Details of Building Configuration :<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                                                 |                                                 |                      | Reason for Modification / Change                        |
|     | <b>Previous EC / Existing Building</b>                                                                                                                                                  |                                                                                 | <b>Proposed (After Expansion) Configuration</b> |                      | Configuration Changed as per the parking requirement by |
|     | Building Name                                                                                                                                                                           | Configuration (as per previous EC)                                              | Building Name                                   | Configuration        |                                                         |
|     |                                                                                                                                                                                         | Height (m)                                                                      |                                                 | Height (m)           |                                                         |
|     |                                                                                                                                                                                         |                                                                                 | A                                               | LP + UP + Stilt + 20 |                                                         |
|     |                                                                                                                                                                                         |                                                                                 | B                                               | LP + UP + Stilt + 21 |                                                         |
|     |                                                                                                                                                                                         |                                                                                 | C                                               | LP + UP + Stilt + 21 |                                                         |
|     |                                                                                                                                                                                         |                                                                                 | D                                               | LP + UP + Stilt + 21 |                                                         |
|     |                                                                                                                                                                                         |                                                                                 | E                                               | LP + UP + Stilt + 21 |                                                         |

|     |                                               |                                                                                                                                                                     |                                      |                                      |                                                                  |
|-----|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|------------------------------------------------------------------|
|     |                                               | F                                                                                                                                                                   | LP + UP + Stilt + 21                 | 69.99                                | PCMC and Duplex flat in building A, B, C, D, E, F, G, H, I and J |
|     |                                               | G                                                                                                                                                                   | LP + UP + 21                         | 67.14                                |                                                                  |
|     |                                               | H                                                                                                                                                                   | LP + UP + 21                         | 67.14                                |                                                                  |
|     |                                               | I                                                                                                                                                                   | LP + UP + 21                         | 67.14                                |                                                                  |
|     |                                               | J                                                                                                                                                                   | LP + UP + 21                         | 67.14                                |                                                                  |
|     |                                               | K                                                                                                                                                                   | LP + UP + 3                          | 13.32                                |                                                                  |
|     |                                               | L                                                                                                                                                                   | LP + UP + 3                          | 13.32                                |                                                                  |
|     |                                               | commercial                                                                                                                                                          |                                      |                                      |                                                                  |
|     |                                               | G & H                                                                                                                                                               | G + Mezz.                            | 6                                    |                                                                  |
|     |                                               | I & J                                                                                                                                                               | G + Mezz.                            | 6                                    |                                                                  |
|     |                                               | K & L                                                                                                                                                               | G + Mezz.                            | 6                                    |                                                                  |
| 22. | Total number of tenements                     |                                                                                                                                                                     | Residential – 730<br>Commercial - 30 |                                      |                                                                  |
| 23. | Water Budget                                  | Dry Season (CMD)                                                                                                                                                    |                                      | Wet Season (CMD)                     |                                                                  |
|     |                                               | Fresh Water                                                                                                                                                         | 395                                  | Fresh Water                          | 395                                                              |
|     |                                               | Recycled (Garden)                                                                                                                                                   | 45                                   | Recycled (Garden)                    | NA                                                               |
|     |                                               | Swimming Pool                                                                                                                                                       | 4                                    | Swimming Pool                        | 4                                                                |
|     |                                               | Flushing                                                                                                                                                            | 201                                  | Flushing                             | 201                                                              |
|     |                                               | Total                                                                                                                                                               | 645                                  | Total                                | 600                                                              |
|     |                                               | Waste water generation                                                                                                                                              | 537                                  | Waste water generation               | 537                                                              |
| 24. | Water Storage Capacity for Firefighting / UGT | UGT - Utility water tank (1+2) – 700 KLD<br>Row water tank – 50 KLD<br>Drinking water tank – 50 KLD<br>Fire water tank – 600 KLD<br>Comm. Dom. Water tank – 200 KLD |                                      |                                      |                                                                  |
| 25. | Source of water                               | PCMC                                                                                                                                                                |                                      |                                      |                                                                  |
| 26. | Rainwater Harvesting (RWH)                    | Level of the Ground water table:                                                                                                                                    |                                      | 25 m                                 |                                                                  |
|     |                                               | Size and no of RWH tank(s) and Quantity:                                                                                                                            |                                      | NA                                   |                                                                  |
|     |                                               | Quantity and size of recharge pits:                                                                                                                                 |                                      | 1.5 m X 1.5 m X 1.5 m & 19 Nos. pits |                                                                  |
|     |                                               | Details of UGT tanks if any:                                                                                                                                        |                                      | --                                   |                                                                  |
| 27. | Sewage and Wastewater                         | Sewage generation in CMD:                                                                                                                                           |                                      | 537                                  |                                                                  |
|     |                                               | STP technology:                                                                                                                                                     |                                      | CLSBR                                |                                                                  |
|     |                                               | Capacity of STP (CMD):                                                                                                                                              |                                      | 600                                  |                                                                  |
| 28. | Solid Waste Manageme                          | Type                                                                                                                                                                | Quantity (kg/d)                      |                                      | Treatment / disposal                                             |
|     |                                               | Dry waste:                                                                                                                                                          | 16                                   |                                      | Through Authorized vendor                                        |

|     |                                                                   |                                                                                                                                                                                                                                           |                                            |                                       |                       |                     |
|-----|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------|-----------------------|---------------------|
|     | nt during Constructi on Phase                                     | Wet waste:                                                                                                                                                                                                                                | 27                                         | Through Authorized vendor             |                       |                     |
| 29. | Solid Waste Manageme nt during Operation Phase                    | Type                                                                                                                                                                                                                                      | Quantity (kg/d)                            | Treatment / disposal                  |                       |                     |
|     |                                                                   | Dry waste:                                                                                                                                                                                                                                | 996                                        | Through Authorized vendor - PCMC      |                       |                     |
|     |                                                                   | Wet waste:                                                                                                                                                                                                                                | 1146                                       | Through Mechanized composting Machine |                       |                     |
|     |                                                                   | Hazardous waste:                                                                                                                                                                                                                          | NA                                         | --                                    |                       |                     |
|     |                                                                   | Biomedical waste                                                                                                                                                                                                                          | NA                                         | --                                    |                       |                     |
|     |                                                                   | E-Waste                                                                                                                                                                                                                                   | Resi. – 1825 Kg/yr.<br>Comm. – 1853 Kg/yr. |                                       |                       |                     |
|     |                                                                   | STP Sludge (dry)                                                                                                                                                                                                                          | 36 Kg /day being dry sludge                |                                       |                       |                     |
| 30. | Green Belt Developmen t                                           | Total RG area (m2): 4650.48                                                                                                                                                                                                               |                                            |                                       |                       |                     |
|     |                                                                   | Existing trees on plot: 527 Nos (Planted as per previous EC)                                                                                                                                                                              |                                            |                                       |                       |                     |
|     |                                                                   | Number of trees to be planted: 99                                                                                                                                                                                                         |                                            |                                       |                       |                     |
|     |                                                                   | Number of trees to be cut: NA                                                                                                                                                                                                             |                                            |                                       |                       |                     |
|     |                                                                   | Number of trees to be transplanted: NA                                                                                                                                                                                                    |                                            |                                       |                       |                     |
| 31. | Power requirement:                                                | Source of power supply: MSEDCL                                                                                                                                                                                                            |                                            |                                       |                       |                     |
|     |                                                                   | During Construction Phase (Demand Load):                                                                                                                                                                                                  |                                            | 100 KW approx                         |                       |                     |
|     |                                                                   | During Operation phase (Connected load):                                                                                                                                                                                                  |                                            | 5000 KW                               |                       |                     |
|     |                                                                   | During Operation phase (Demand load):                                                                                                                                                                                                     |                                            | 4950 KW                               |                       |                     |
|     |                                                                   | Transformer:                                                                                                                                                                                                                              |                                            | 1250 KVA X 4 Nos.                     |                       |                     |
|     |                                                                   | DG set:                                                                                                                                                                                                                                   |                                            | 380 KVA X 1 Nos.                      |                       |                     |
|     |                                                                   | Fuel used:                                                                                                                                                                                                                                |                                            | 25 Liters/Hr. at 75% Loading          |                       |                     |
| 32. | Details of Energy saving                                          | ✍ LED Lamp & Fitting For total project : 369.09 KW/day<br>✍ Using VFD for light : 99 KW/day<br>✍ Energy saved by solar water heating : 1250 KW/day<br>✍ Total Energy saving : 1718.09 KW/day<br>✍ Saving in Energy Consumption is 42.66 % |                                            |                                       |                       |                     |
| 33. | Environment al Manageme nt plan budget during Constructi on phase | Type                                                                                                                                                                                                                                      | Details                                    |                                       | Cost (Rs. In Lacs)    |                     |
|     |                                                                   | Capital                                                                                                                                                                                                                                   | 1. Erosion Control                         |                                       | 1.5                   |                     |
|     |                                                                   |                                                                                                                                                                                                                                           | 2. Site Safety                             |                                       | 1.0                   |                     |
|     |                                                                   |                                                                                                                                                                                                                                           | 3. Site Sanitation                         |                                       | 1.0                   |                     |
|     |                                                                   |                                                                                                                                                                                                                                           | 4. Disinfection & Health Check up          |                                       | 1.5                   |                     |
|     |                                                                   |                                                                                                                                                                                                                                           | 5. Environmental Monitoring                |                                       | 2.0                   |                     |
| O&M | 1. NA                                                             |                                                                                                                                                                                                                                           | NA                                         |                                       |                       |                     |
| 34. | Environment al                                                    | Component                                                                                                                                                                                                                                 |                                            | Details                               | Capital (Rs. In Lacs) | O&M (Rs. In Lcs /Y) |

|     |                                                                                      |                                                                 |                                                   |                 |                       |
|-----|--------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------|-----------------|-----------------------|
|     | Management plan Budget during Operation phase                                        | Sewage Treatment plant (including external drainage connection) | Including external drainage connection            | 70.0            | 17.5                  |
|     |                                                                                      | RWH                                                             | Collection of water & excess recharge into ground | 7.50            | 1.0                   |
|     |                                                                                      | Storm Water networking                                          | Networking up to final disposal                   | 27.0            | 2.0                   |
|     |                                                                                      | Solid Waste                                                     | Collection & recycle of waste                     | 12.0            | 1.0                   |
|     |                                                                                      | Green belt development with swimming pool                       | Green belt development                            | 19.0            | 3.0                   |
|     |                                                                                      | Energy saving                                                   | By using non conventional sources                 | 106.0           | 2.12                  |
|     |                                                                                      | Environmental Monitoring                                        | Air, Water, Noise, Soil analysis                  | 1.30            | 2.86                  |
|     |                                                                                      | Disaster Management                                             | To beet with un expecting conditions              | 955.0           | 38.0                  |
| 35. | Traffic Management                                                                   | Type                                                            | Required as per DCR                               | Actual Provided | Area per parking (m2) |
|     |                                                                                      | 4-Wheeler                                                       | 655                                               | 1283            | 44100                 |
|     |                                                                                      | 2-Wheeler                                                       | 1796                                              | 1796            | 6366                  |
|     |                                                                                      | Bicycles                                                        | 1572                                              | 1572            | 2600                  |
| 36. | Details of Court cases / litigations w.r.t. the project and project location if any. | NA                                                              |                                                   |                 |                       |

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

PP stated that, they have received Environmental Clearance was received on 18<sup>th</sup> October 2012 which was further revalidated in the Year 2020 having validity upto 16.10.2022 . It was further informed that Six monthly compliance reports are submitted to Regional Office MoEFCC however RO, MoEFCC, Nagpur certified Compliance report is not received. The project was earlier Considerd in 118<sup>th</sup> SEAC meeting and details of construction carried out by PP was sought . PP submitted details which are taken on record.

PP stated that, in the first EC granted total approved BUA was 1,43,529.89 Sq meters out of which 1,42,850.07 Sq. meter is already constructed on site. Total 12 buildings named “A to L” were proposed out of which one building Bulding “L” is dropped . However PP has constructed 2 Residential cum Commercial Bldgs (LP + UP +21) and 10 shops instead of 2 Residential cum Commercial Bldgs (LP + UP +19) and 10 shops as approved in earlier EC out of 12 buildings Proposed. Since PP has constructed 2 extra floors in one Building in comparison with earlier EC granted, committee was of the Opinion that the same seems to be a violation case.

**Decision: -**

**Considering above deliberations, Committee decided to recommend the proposal for necessary action.**

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| 28 <sup>th</sup> January, 2022 |       |                            |                                                                                  |
|--------------------------------|-------|----------------------------|----------------------------------------------------------------------------------|
| 11.                            | P-12A | SIA/MH/MIS/<br>191632/2021 | Parabhani Medical College and Hospital By<br>Shri Dhaneshwari Manav Vikas Mandal |

Representative of PP was present during the meeting along with environmental consultant M/s. Pollution and Ecological Services Pvt. ltd. Nagpur

It is noted that, the PP has submitted the application for construction of medical college project for total plot area of 100100 m2, FSI area of 40257.87 m2, Non FSI area of 11314.59 m2 and total BUA of 51572.46m2.

Brief information of the proposal is as below:

|    |                     |                                                                               |                                                                                     |
|----|---------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1. | Proposal Number     | PARIVESH NO: MIS/191632                                                       |                                                                                     |
| 2. | Name of Project     | Parbhani Medical College and Hospital by Shri Dhaneshwari Manav Vikas Mandal. |                                                                                     |
| 3. | Project category    | Schedule 8(a) Category B2                                                     |                                                                                     |
| 4. | Type of Institution | Private                                                                       |                                                                                     |
| 5. | Project Proponent   | Name                                                                          | Dr. Pramod Uttamrao Shinde, Shri Dhaneshwari Manav Vikas Mandal                     |
|    |                     | Regd. Office address                                                          | At Post Pedgaon, Old RTO Office Pathri Road, Taluka – Parbhani, District – Parbhani |
|    |                     | Contact number                                                                | 9423231712                                                                          |
|    |                     | e-mail                                                                        | parbhanimedicalcollege@gmail.com                                                    |
| 6. | Applied for         | New                                                                           |                                                                                     |

|     |                                                                                                                                                                                         |                                                                                                            |             |                            |               |                                  |       |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------|----------------------------|---------------|----------------------------------|-------|
| 7.  | Details of previous EC                                                                                                                                                                  | NA                                                                                                         |             |                            |               |                                  |       |
| 8.  | Location of the project                                                                                                                                                                 | GAT No 539, 544 545 (Part)At Post Pedgaon, Taluka- Parbhani, District- Parbhani, State- Maharashtra 431537 |             |                            |               |                                  |       |
| 9.  | Latitude and Longitude                                                                                                                                                                  | 19 <sup>0</sup> 17’50.49” N 76 <sup>0</sup> 41’40.39” E                                                    |             |                            |               |                                  |       |
| 10. | Total Plot Area (m2)                                                                                                                                                                    | 100100                                                                                                     |             |                            |               |                                  |       |
| 11. | Deductions (m2)                                                                                                                                                                         | 1088.99                                                                                                    |             |                            |               |                                  |       |
| 12. | Net Plot area (m2)                                                                                                                                                                      | 99011.01                                                                                                   |             |                            |               |                                  |       |
| 13. | Proposed FSI area (m2)                                                                                                                                                                  | 40257.87                                                                                                   |             |                            |               |                                  |       |
| 14. | Proposed Non-FSI area (m2)                                                                                                                                                              | 11314.59                                                                                                   |             |                            |               |                                  |       |
| 15. | Proposed TBUA (m2)                                                                                                                                                                      | 51572.46                                                                                                   |             |                            |               |                                  |       |
| 16. | TBUA (m2) approved by Planning Authority till date                                                                                                                                      | 51572.46                                                                                                   |             |                            |               |                                  |       |
| 17. | Ground coverage (m2) & %                                                                                                                                                                | 22%                                                                                                        |             |                            |               |                                  |       |
| 18. | Total Project Cost (Rs.)                                                                                                                                                                | 477100000                                                                                                  |             |                            |               |                                  |       |
| 19. | CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                          | Activity                                                                                                   |             | Location                   | Cost (Rs.)    | Duration                         |       |
|     |                                                                                                                                                                                         | -----                                                                                                      |             |                            |               |                                  |       |
| 20. | Details of Building Configuration :<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                                                                            |             |                            |               | Reason for Modification / Change |       |
|     | Previous EC / Existing Building                                                                                                                                                         |                                                                                                            |             | Proposed Configuration     |               |                                  |       |
|     | Buildin g Name                                                                                                                                                                          | Configuratio n                                                                                             | Heigh t (m) | Building Name              | Configuration | Height (m)                       |       |
|     | -                                                                                                                                                                                       | -                                                                                                          | -           | Hospital Building          | LG+G+3 Fl     | 19.6                             |       |
|     | -                                                                                                                                                                                       | -                                                                                                          | -           | College Building           | LG+G+2 Fl     | 18.4                             |       |
|     | -                                                                                                                                                                                       | -                                                                                                          | -           | Boys Hostel                | G+6 Fl        | 21.75                            |       |
|     | -                                                                                                                                                                                       | -                                                                                                          | -           | Girls Hostel               | G+6 Fl        | 21.75                            |       |
|     | -                                                                                                                                                                                       | -                                                                                                          | -           | Teachers Resident Block    | G+4 Fl        | 14.85                            |       |
|     | -                                                                                                                                                                                       | -                                                                                                          | -           | Non-teaching faculty Block | G+4 Fl        | 14.85                            |       |
|     |                                                                                                                                                                                         | -                                                                                                          | -           | -                          | Nursing Block | G+4 F                            | 14.85 |
|     | -                                                                                                                                                                                       | -                                                                                                          | -           | Mortuary                   | G+3 F         | 11.2                             |       |

|     |                                                  |                                         |                          |                                                 |        |
|-----|--------------------------------------------------|-----------------------------------------|--------------------------|-------------------------------------------------|--------|
| 21. | Total number of tenements                        | Hospital with 700 Beds                  |                          |                                                 |        |
| 22. | Water Budget                                     | Dry Season (CMD)                        |                          | Wet Season (CMD)                                |        |
|     |                                                  | Fresh Water                             | 252                      | Fresh Water                                     | 252    |
|     |                                                  | Recycled                                | 201.98                   | Recycled                                        | 116    |
|     |                                                  | Swimming Pool                           | 0                        | Swimming Pool                                   | 0      |
|     |                                                  | Flushing                                | 116                      | Flushing                                        | 116    |
|     |                                                  | Total                                   | 453.98                   | Total                                           | 368    |
|     |                                                  | Waste water generation                  | 331.20                   | Waste water generation                          | 331.20 |
| 23. | Water Storage Capacity for Firefighting / UGT    | As per NOC                              |                          |                                                 |        |
| 24. | Source of water                                  | Gram panchayat                          |                          |                                                 |        |
| 25. | Rainwater Harvesting (RWH)                       | Level of the Ground water table         |                          | 15-20m                                          |        |
|     |                                                  | Size and no of RWH tank(s) and Quantity |                          | N.A.                                            |        |
|     |                                                  | Quantity and size of recharge pits      |                          | Quantity: 8 Nos & Size: 2mX2mX2m                |        |
|     |                                                  | Details of UGT tanks if any             |                          | Domestic                                        | 380    |
|     |                                                  |                                         |                          | Flushing                                        | 172    |
|     |                                                  |                                         |                          | Fire                                            | 200    |
| 26. | Sewage and Waste water                           | Sewage generation in CMD                | 570.44                   |                                                 |        |
|     |                                                  | STP technology                          | MBBR                     |                                                 |        |
|     |                                                  | Capacity of STP (CMD)                   | 2nos- 500 KLD AND 80 KLD |                                                 |        |
| 27. | Solid Waste Management during Construction Phase | Type                                    | Quantity (kg/d)          | Treatment / disposal                            |        |
|     |                                                  | Dry waste                               | 3                        | Through authorized agency                       |        |
|     |                                                  | Wet waste                               | 2                        | Through authorized agency                       |        |
|     |                                                  | Construction waste                      | 5                        | Through authorized agency                       |        |
| 28. | Solid Waste Management during Operation Phase    | Type                                    | Quantity (kg/d)          | Treatment / disposal                            |        |
|     |                                                  | Dry waste                               | 457                      | Handed over to Authorized Agency                |        |
|     |                                                  | Wet waste                               | 399                      | In-situ Composting                              |        |
|     |                                                  | Hazardous waste                         | Negligible               | Negligible                                      |        |
|     |                                                  | Biomedical waste                        | N.A.                     | N.A.                                            |        |
|     |                                                  | E-Waste                                 | 4.35                     | Handed over to Authorized Dismantler / Recycler |        |
|     |                                                  | STP Sludge (dry)                        | 30.60                    | In-situ Composting                              |        |
| 29. | Green Belt Development                           | Total RG area (m2)                      | 12670                    |                                                 |        |
|     |                                                  | Existing trees on plot                  | 0                        |                                                 |        |
|     |                                                  | Number of trees to be planted           | 1238                     |                                                 |        |
|     |                                                  | Number of trees to be cut               | 0                        |                                                 |        |
|     |                                                  | Number of trees to be transplanted      | NIL                      |                                                 |        |
| 30. | Power                                            | Source of power supply                  | MSDCL                    |                                                 |        |

|     |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                   |                                     |                 |                       |                      |
|-----|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------|-----------------|-----------------------|----------------------|
|     | requirement                                                                        | During Construction Phase (Demand Load)                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                   | 50 kW / 62.5 kW                     |                 |                       |                      |
|     |                                                                                    | During Operation phase (Connected load)                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                   | 2052 kW / 2280 kVA                  |                 |                       |                      |
|     |                                                                                    | During Operation phase (Demand load)                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                   | 1000 kW / 1250 kVA                  |                 |                       |                      |
|     |                                                                                    | Transformer                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                   | 1250 kVA X 1 Nos.                   |                 |                       |                      |
|     |                                                                                    | DG set                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   | 500 kVA X 2 Nos and 250 kVA X 1 Nos |                 |                       |                      |
|     |                                                                                    | Fuel used                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                   | Diesel                              |                 |                       |                      |
| 31. | Details of Energy saving                                                           | Measures to reduce energy consumption:<br>Ø Generally we have proposed high efficiency transformer, motors etc. to reduce losses.<br>Ø Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time-based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 20 % due to adopting above measures. |                                                   |                                     |                 |                       |                      |
| 32. | Environmental Management plan budget during Construction phase                     | No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Details                                           |                                     | Cost            |                       |                      |
|     |                                                                                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Water for Construction, Labour & Dust Suppression |                                     | Rs. 4 Lacs      |                       |                      |
|     |                                                                                    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Site Sanitation & Health & Safety PPE Kits        |                                     | Rs. 3 Lacs      |                       |                      |
|     |                                                                                    | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Environmental Monitoring                          |                                     | Rs. 4 Lacs      |                       |                      |
|     |                                                                                    | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Disinfection & Health & Safety                    |                                     | Rs. 3 Lacs      |                       |                      |
|     |                                                                                    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Health Check up                                   |                                     | Rs. 3 Lacs      |                       |                      |
| 33. | Environmental Management plan Budget during Operation phase                        | Component                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                   | Details                             |                 | Capital (Rs. In Lacs) | O&M (Rs. In Lacs/Yr) |
|     |                                                                                    | Sewage treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                   | Waste Water Management              |                 | 19.10                 | 13.5                 |
|     |                                                                                    | RWH                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   | RWH Pits                            |                 | 3                     | 0.6                  |
|     |                                                                                    | Solid Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                   | Organic Waste Composting            |                 | 12.60                 | 2.9                  |
|     |                                                                                    | Green belt development                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   | Tree Plantation                     |                 | 76.80                 | 7.66                 |
|     |                                                                                    | Energy saving                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                   | Energy Conservation                 |                 | 75                    | 2.25                 |
|     |                                                                                    | Environmental Monitoring                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                   | Pollution Control                   |                 | 0                     | 6                    |
|     |                                                                                    | Disaster Management                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   | Fire & LA                           |                 | 121.36                | 6.07                 |
|     |                                                                                    | PPE Kits Health & Safety                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                   | Biomedical Waste Management         |                 | 15                    | 3                    |
| 34. | Traffic Management                                                                 | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Required as per DCR                               |                                     | Actual Provided | Parking Area (m2)     |                      |
|     |                                                                                    | 4-Wheeler                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 404                                               |                                     | 404             | 9622.21               |                      |
|     |                                                                                    | 2-Wheeler                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1612                                              |                                     | 1612            |                       |                      |
|     |                                                                                    | Bicycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1612                                              |                                     | 1612            |                       |                      |
| 35. | Details of Court cases / litigation w.r.t. the project and project location if any | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |                                     |                 |                       |                      |

It was stated that the application was discussed earlier in 124<sup>th</sup> SEAC meeting and certain queries were raised. PP submitted the compliance which is taken on record.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to submit Architect Certificate about the total potential of the plot area.
2. PP to submit details of fire Lift proposed which is an integral part of DMP.
3. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
4. PP to ensure that, the water proposed to use for construction phase should not be drinking water.

They can use recycled water or tanker water for proposed construction

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|     |      |                            |                                                                                     |
|-----|------|----------------------------|-------------------------------------------------------------------------------------|
| 12. | P-12 | SIA/MH/MIS/<br>214675/2021 | Archana Paradise Phase 02 at Mohamadwadi<br>Sr.no 39/08, Pune by Kanifnath Reality" |
|-----|------|----------------------------|-------------------------------------------------------------------------------------|

**The project was listed and discussed on 27<sup>th</sup> January ie day 1 of 133<sup>rd</sup> SEAC at sr no 33. Due to typographical error the number is repeated.**

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|     |      |                            |                                                                                                      |
|-----|------|----------------------------|------------------------------------------------------------------------------------------------------|
| 13. | P-13 | SIA/MH/MIS/<br>217731/2021 | Proposed Residential and commercial<br>Building Construction project "Hillcrest" by<br>M/s. PK Group |
|-----|------|----------------------------|------------------------------------------------------------------------------------------------------|

Representative of PP was present during the meeting along with environmental consultant M/s. S G M Enviro (India) Pvt. Ltd.

It is noted that, the PP has submitted the application for Environmental clearance for total plot area of 8000 m<sup>2</sup>, FSI area of 35199.0 m<sup>2</sup>, Non FSI area of 21523.30m<sup>2</sup> and total BUA of 56722.30 m<sup>2</sup>.

Brief information of the proposal is as below:

|    |                 |                         |
|----|-----------------|-------------------------|
| 1. | Proposal Number | SIA/MH/MIS/ 217731/2021 |
|----|-----------------|-------------------------|

|     |                                                    |                                                                                                                                                                                                     |                                                                                        |      |     |
|-----|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------|-----|
| 2.  | Name of Project                                    | Proposed Residential and Commercial Building Construction Project “Hillcrest” by M/s. Pk Group                                                                                                      |                                                                                        |      |     |
| 3.  | Project category                                   | B2                                                                                                                                                                                                  |                                                                                        |      |     |
| 4.  | Type of Institution                                | Private                                                                                                                                                                                             |                                                                                        |      |     |
| 5.  | Project Proponent                                  | Name                                                                                                                                                                                                | Mr. Somnath Pandurang Kate                                                             |      |     |
|     |                                                    | Regd. Office address                                                                                                                                                                                | P.K. Group , P K International English School premises, Pimple Saudagar, Pune – 411027 |      |     |
|     |                                                    | Contact number                                                                                                                                                                                      | 020-25652920                                                                           |      |     |
|     |                                                    | e-mail                                                                                                                                                                                              | katesomnath3@gmail.com                                                                 |      |     |
| 6.  | Consultant                                         | Name: S G M Enviro (India) Pvt. Ltd.<br><br>NABET Accreditation number:<br>QCI/NABET/ENV/ACO/21/1976<br><br>Validity: July 19, 2024                                                                 |                                                                                        |      |     |
| 7.  | Applied for                                        | New Greenfield Project                                                                                                                                                                              |                                                                                        |      |     |
| 8.  | Details of previous EC                             | NA                                                                                                                                                                                                  |                                                                                        |      |     |
| 9.  | Location of the project                            | Sr. No. 157/1(P), 157/2, 157/3, 157/4, 136/2(P), 136/3A(P),136/3B(P),136/4,<br><br>C.T.S. No. 1301, 1302, 1303,1304,1287,1288,1289(P), Village- Pimple Saudagar, Tal Haveli, Dist-Pune, Maharashtra |                                                                                        |      |     |
| 10. | Latitude and Longitude                             | 18Deg. 59’ 64. 73.”N, Longitude: 73Deg. 79’ 71.08” E                                                                                                                                                |                                                                                        |      |     |
| 11. | Total Plot Area (m2)                               | 8000                                                                                                                                                                                                |                                                                                        |      |     |
| 12. | Deductions (m2)                                    | 0.00                                                                                                                                                                                                |                                                                                        |      |     |
| 13. | Net Plot area (m2)                                 | 8000                                                                                                                                                                                                |                                                                                        |      |     |
| 14. | Proposed FSI area (m2)                             | 35199.0                                                                                                                                                                                             |                                                                                        |      |     |
| 15. | Proposed non-FSI area (m2)                         | 21523.30                                                                                                                                                                                            |                                                                                        |      |     |
| 16. | Proposed TBUA (m2)                                 | 56722.30                                                                                                                                                                                            |                                                                                        |      |     |
| 17. | TBUA (m2) approved by Planning Authority till date | <56722.30 m2, Plan Sanctioned By PCMC Vide Letter No. BP/LAYOUT/EC/Pimple Saudagar/01/2021 on dated 24.06.2021                                                                                      |                                                                                        |      |     |
| 18. | Ground coverage (m2) & %                           | Ground Converge 2772.15 Sq. m, Ground coverage 20%                                                                                                                                                  |                                                                                        |      |     |
| 19. | Total Project Cost (Rs.)                           | Rs. 144,16,63,000/-                                                                                                                                                                                 |                                                                                        |      |     |
| 20. | CER as per MoEF & CC                               | Activity                                                                                                                                                                                            | Location                                                                               | Cost | Dur |

|    |                                                                                                                                                                                                |               |                        |                                                            |               |                                  |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------|------------------------------------------------------------|---------------|----------------------------------|
|    | circular dated 01/05/2018                                                                                                                                                                      |               |                        |                                                            | (Rs.)         | Ratio                            |
|    | Supply of PPE Kit, Sanitizer, mask and ventilator in Covid care hospital in PCMC                                                                                                               |               |                        | PCMC Multispecialty Hospital Pimpri-Chinchwad, Maharashtra | 100           | 2021-26                          |
|    | 1 No of Ultrasound machine will be provided                                                                                                                                                    |               |                        |                                                            | 60            |                                  |
|    | 20 No. Solar street lights and its maintenance will be provided                                                                                                                                |               |                        |                                                            | 5             |                                  |
|    | 300 No. of Tree will be planted & its maintenance.                                                                                                                                             |               |                        |                                                            | 10            |                                  |
|    | 100 No. of Tree Plantation, Lawn maintenance will be done                                                                                                                                      |               |                        | Pimple Saudagar Linear Garden                              | 6             | 2021-26                          |
|    | Seating arrangement for senior citizen will be provided                                                                                                                                        |               |                        |                                                            | 5             |                                  |
|    | Open Gym & Playing instruments for kids will be provided with its maintenance                                                                                                                  |               |                        |                                                            | 10            |                                  |
|    | 10 No. Solar street lights and its maintenance will be provided                                                                                                                                |               |                        |                                                            | 2.5           |                                  |
|    | 5 no of Rain water harvesting pit will be provided                                                                                                                                             |               |                        |                                                            | 8             |                                  |
|    | Supply of Sanitizer, mask in school , sanitation of school                                                                                                                                     |               |                        | Prathmik Shala Rahatni                                     | 2.5           | 2021-26                          |
|    | 50 No of tree plantation will be done with rain water harvesting system                                                                                                                        |               |                        |                                                            | 5             |                                  |
|    | 10 No. Solar street lights and its maintenance will be provided                                                                                                                                |               |                        |                                                            | 2.5           |                                  |
|    |                                                                                                                                                                                                |               |                        |                                                            |               |                                  |
| 21 | <b>Details of Building Configuration :</b><br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |               |                        |                                                            |               | Reason for Modification / Change |
|    | Previous EC / Existing Building                                                                                                                                                                |               | Proposed Configuration |                                                            |               |                                  |
|    | Building Name                                                                                                                                                                                  | Configuration | Height (m)             | Building Name                                              | Configuration | Height (m)                       |
|    | NA                                                                                                                                                                                             | NA            | NA                     | Wing A- Resi. (119 No. of flats)                           | BP+G+22       | 66.70                            |

|     |                                               |                                          |                                                                                                                                                                                       |         |                                       |      |
|-----|-----------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------|------|
|     |                                               |                                          | Wing B- Resi. (78 No. of flats)                                                                                                                                                       | BP+G+22 | 66.70                                 |      |
|     |                                               |                                          | Wing C- Resi. (119 No. of flats)                                                                                                                                                      | BP+G+22 | 66.70                                 |      |
|     |                                               |                                          | Commercial building - (20 No of shop and 20 no of office)                                                                                                                             | GP+2    | 9.3                                   |      |
|     |                                               |                                          | Club House                                                                                                                                                                            | G + 1   | 7.6                                   |      |
| 22. | Total number of tenements                     |                                          | No. of Tenements: 316 Residential,, Commercial shop 20 & office 20 , 1 Club House                                                                                                     |         |                                       |      |
| 23  | Water Budget                                  |                                          | Dry Season (CMD)                                                                                                                                                                      | Resi.   | Wet Season (CMD)                      | Resi |
|     |                                               |                                          | Fresh Water                                                                                                                                                                           | 155     | Fresh Water                           | 155  |
|     |                                               |                                          | Recycled (For gardening 18 + flushing 82)                                                                                                                                             | 100     | Recycled (For flushing 82)            | 82   |
|     |                                               |                                          | Swimming Pool                                                                                                                                                                         | 2       | Swimming Pool                         | 2    |
|     |                                               |                                          | Total                                                                                                                                                                                 | 257     |                                       | 239  |
|     |                                               |                                          | Firefighting (Underground water tank)                                                                                                                                                 | 300     | Firefighting (Underground water tank) | 300  |
|     |                                               |                                          | Firefighting (Overhead water tank)                                                                                                                                                    | 75      | Firefighting (Overhead water tank)    | 75   |
| 24. | Water Storage Capacity for Firefighting / UGT |                                          | UGT for Firefighting: 300 CMD<br>Overhead Fire Fighting Tank= 75 CMD                                                                                                                  |         |                                       |      |
| 25. | Source of water                               |                                          | PCMC water supply                                                                                                                                                                     |         |                                       |      |
| 26. | Rainwater Harvesting (RWH)                    | Level of the Ground water table:         | Summer Season – 18.00 m. to 22.50 m. BGL. (20.25 M. Average)<br>Rainy Season – 5.00 m. to 7.00 BGL. (6.00 M. Average)<br>Winter Season – 11.50 m. to 14.75 m. BGL. (13.13 M. Average) |         |                                       |      |
|     |                                               | Size and no of RWH tank(s) and Quantity: | NA                                                                                                                                                                                    |         |                                       |      |

|     |                                                  |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                               |
|-----|--------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|     |                                                  | Quantity and size of recharge pits: | <ul style="list-style-type: none"> <li><b>No. of RWH pits with size-</b> 4 Nos. {a)3 for Roof Top &amp; b) 1 for Surface Run Off }</li> <li><b>Size: a)</b> 2.25 M. X 2.25 M. X 2.00 M. Depth with 55 to 60 m. Deep 6" Dia. Bore Well via 1 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Deep de - siltation pit &amp;</li> <li><b>b)</b> 1 No. of RWH percolation pits (2.25 M. × 2.25 M. × 1.75 M.) with 6" Dia. 55 to 60 M. deep bore well via 1no. Of 0.9 m. dia. 2 m. deep de - siltation pit with O &amp; G trap will be provided.</li> <li><b>Harvesting Capacity :</b><br/>2,332.50 m<sup>3</sup> / year<br/>i.e.46.65m<sup>3</sup>/ Day</li> </ul> |                                                                                               |
|     |                                                  | Details of UGT tanks if any:        | <ul style="list-style-type: none"> <li>•Domestic Tank : Residential 216 CMD, Commercial 26 CMD</li> <li>•Flushing Tank= Residential 71 CMD, Commercial 10 CMD, <ul style="list-style-type: none"> <li>• Landscape-18 CMD</li> </ul> </li> <li>•Fire Fighting Tank= 300 CMD</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         |                                                                                               |
| 27. | Sewage and Wastewater                            | Sewage generation in CMD:           | 213 CMD from Resi. & Comm.Building                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                               |
|     |                                                  | STP technology:                     | MBBR technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                               |
|     |                                                  | Capacity of STP (CMD):              | 230 KLD for Resi. & Comm.Building                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                               |
| 28. | Solid Waste Management during Construction Phase | <b>Type</b>                         | <b>Quantity (kg/d)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Treatment / disposal</b>                                                                   |
|     |                                                  | Dry waste:                          | 2.6 kg/day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Shall be segregated and handed over to authorized vendor                                      |
|     |                                                  | Wet waste:                          | 6.12 kg/day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Shall be disposed off through Municipal waste collection system                               |
|     |                                                  | Construction waste                  | Excavation quantity approx. 29794 cum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | This material shall be used for back filling leveling and landscaping of the plot             |
| 29. | Solid Waste Management during Operation Phase    | <b>Type</b>                         | <b>Quantity (kg/d)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Treatment / disposal</b>                                                                   |
|     |                                                  | Wet Waste                           | 565 kg/day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Composting through OWC<br>No. of OWC unit – 1 ,<br>Capacity: 600 kg/day,<br>Location – Ground |

|     |                        |                                          |            |                                                                                                                                                                             |
|-----|------------------------|------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                        |                                          |            | Disposal: used for garden as a fertilizer                                                                                                                                   |
|     |                        | Dry Waste                                | 355 kg/day | Segregated/ Collected dry waste will be disposed to municipal solid waste management system<br><br>by Authorized vendor of PCMC<br><br>Collection method – Door to door     |
|     |                        | Hazardous waste:                         | NA         | NA                                                                                                                                                                          |
|     |                        | Biomedical waste                         | NA         | NA                                                                                                                                                                          |
|     |                        | E waste                                  | 5.75       | Segregated/ Collected dry waste will be disposed to municipal solid waste management system<br><br>by Authorized vendor of PCMC                                             |
|     |                        | STP Sludge                               | 16 kg/day  | Use as manure                                                                                                                                                               |
| 30. | Green Belt Development | Total RG area (m2):                      |            | Required 800 Sq., Provided 1383.69 Sq. m                                                                                                                                    |
|     |                        | Existing trees on plot:                  |            | 1                                                                                                                                                                           |
|     |                        | Number of trees to be planted:           |            | 100                                                                                                                                                                         |
|     |                        | Number of trees to be cut:               |            | 1                                                                                                                                                                           |
|     |                        | Number of trees to be transplanted:      |            | NA                                                                                                                                                                          |
| 31. | Power requirement:     | Source of power supply:                  |            | MSEDCL                                                                                                                                                                      |
|     |                        | During Construction Phase (Demand Load): |            | 30 KW                                                                                                                                                                       |
|     |                        | During Operation phase (Connected load): |            | 2115 KW                                                                                                                                                                     |
|     |                        | During Operation phase (Demand load):    |            | 976 KW                                                                                                                                                                      |
|     |                        | Transformer:                             |            | 630 KVA – 2.NOS                                                                                                                                                             |
|     |                        | DG set:                                  |            | In Construction phase 1 DG set of 40 KVA will be provided.<br><br>DG set as Power back-up during operation phase-for Project 320 KVA x 1 No. & for Commercial 15 KVA x 1No. |

|     |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                |                                                                            |             |  |
|-----|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------|-------------|--|
|     |                                                                | Fuel used:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                | Diesel<br><br>For 320 KVA – 42.6 - lit/hr<br><br>For 15 KVA – 3.3 - lit/hr |             |  |
| 32. | Details of Energy saving                                       | Measures to reduce energy consumption :<br><br><input type="checkbox"/> Generally we have proposed high efficiency transformer, motors etc. to reduce losses.<br><br><input type="checkbox"/> Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 19.4 % to adopting above measures. |                                                |                                                                            |             |  |
| 33. | Environmental Management plan budget during Construction phase | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Details                                        | Capital Cost (Lacs)                                                        | O&M (Lacs)  |  |
|     |                                                                | Drinking Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                | 1.00                                                                       | 0.10        |  |
|     |                                                                | Sanitation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                | 3.0                                                                        | 0.75        |  |
|     |                                                                | Health check up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                | 2.00                                                                       | 0.25        |  |
|     |                                                                | Labour Camp Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                | 3.00                                                                       | 0.50        |  |
|     |                                                                | Environmental Monitoring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                | 1.5                                                                        | -           |  |
| 34. | Environmental Management plan Budget during Operation phase    | Component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Details                                        | Capital (Rs.)                                                              | O&M (Rs./Y) |  |
|     |                                                                | Storm Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 x 450mm- storm water RCC pipe with chambers  | 32.60                                                                      | 1.6         |  |
|     |                                                                | Sewage treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | STP -230 KLD                                   | 50                                                                         | 1.1         |  |
|     |                                                                | Water treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                             | NA                                                                         | NA          |  |
|     |                                                                | RWH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | RWH System                                     | 6.25                                                                       | 0.25        |  |
|     |                                                                | Swimming Pool                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Provision of swimming Pool                     | 32.40                                                                      | 1.5         |  |
|     |                                                                | Solid Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Organic waste convertor of 600 kg/day          | 16.00                                                                      | 2.5         |  |
|     |                                                                | Hazardous waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                             | NA                                                                         | NA          |  |
|     |                                                                | e-waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NA                                             | 0.25                                                                       | NA          |  |
|     |                                                                | Green belt development                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Plantation                                     | 152.34                                                                     | 0.39        |  |
|     |                                                                | Energy saving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Energy saving measures                         | 33.0                                                                       | 0.65        |  |
|     |                                                                | Environmental Monitoring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | --                                             | --                                                                         | 3.00        |  |
|     |                                                                | Disaster Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Management for flood, earthquake, lightening & | 20.0                                                                       | 1.5         |  |

|     |                                                                                      |           |                     |                 |                       |
|-----|--------------------------------------------------------------------------------------|-----------|---------------------|-----------------|-----------------------|
|     |                                                                                      |           | fire                |                 |                       |
| 35. | Traffic Management                                                                   | Type      | Required as per DCR | Actual Provided | Area per parking (m2) |
|     |                                                                                      | 4-Wheeler | 294                 | 310             | 2.5                   |
|     |                                                                                      | 2-Wheeler | 1046                | 1046            | 2.0                   |
|     |                                                                                      | Bicycles  | --                  | --              | --                    |
| 36. | Details of Court cases / litigations w.r.t. the project and project location if any. | NA        |                     |                 |                       |

PP stated that, the project was earlier considered in 126<sup>th</sup> meeting of SEAC and certain queries were raised. PP submitted the compliance which was taken on record. PP obtained Tree Cutting NOC.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. As agreed during presentation PP to keep open space opposite to Commercial area shall be kept parking Free. PP to provide proper bollards on front portion of commercial area so as to have proper fire tender movement without hindrance.
2. Planning authority to ensure that no OC shall be granted till sustainable water supply is ensured to the project.
3. PP to ensure that the height of building shall be upto the height allowed in aviation NOC.
4. PP to submit tree cutting NOC.
5. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
6. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

\*\*\*\*\*

|     |      |                            |                                                                          |
|-----|------|----------------------------|--------------------------------------------------------------------------|
| 14. | P-14 | SIA/MH/MIS/<br>219446/2021 | Project “ Swargandhar ” by M/s. Vaibhav<br>Classic Builders & Developers |
|-----|------|----------------------------|--------------------------------------------------------------------------|

Representative of PP was present during the meeting along with environmental consultant M/s. SGM Enviro (I) Pvt Ltd.

It is noted that, the PP has submitted the application for Amendment and Expansion of Residential and Commercial for total plot area of 28800.0 m<sup>2</sup>, FSI area of **23805.06** m<sup>2</sup>, Non FSI area of **4546.68** m<sup>2</sup> and total BUA of **28351.74**m<sup>2</sup>.

Brief information of the proposal is as below:

|     |                                                       |                                                                                                                             |                                                                                                               |
|-----|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 1.  | Proposal Number                                       | <b>SIA/MH/MIS/ 219446/2021</b>                                                                                              |                                                                                                               |
| 2.  | Name of Project                                       | Proposed Expansion of Residential Building Construction Project “Swargandhar” by M/s .Vaibhav Classic Builders & Developers |                                                                                                               |
| 3.  | Project category                                      | B2                                                                                                                          |                                                                                                               |
| 4.  | Type of Institution                                   | Private                                                                                                                     |                                                                                                               |
| 5.  | Project Proponent                                     | Name                                                                                                                        | Mr. Anil Pawar                                                                                                |
|     |                                                       | Regd. Office address                                                                                                        | Classic House, S. No. 395/396, Plot No. 23, Flat No. 3, Senapati Bapat road, Shivajinagar, Haveli Pune 411016 |
|     |                                                       | Contact number                                                                                                              | 020-25652900                                                                                                  |
|     |                                                       | e-mail                                                                                                                      | anilpawar.classicgroup@gmail.com                                                                              |
| 6.  | Consultant                                            | M/s SGM Enviro (I) Pvt Ltd<br>Accreditation No. QCI/NABET/ENV/ACO/21/1976<br>Validity: July 19, 2024                        |                                                                                                               |
| 7.  | Applied for                                           | Expansion Project                                                                                                           |                                                                                                               |
| 8.  | Details of previous EC                                | NA                                                                                                                          |                                                                                                               |
| 9.  | Location of the project                               | Gat No. 986, 987, 988, 992(P), 856, Village – Uruli Kanchan, Tal. - Haveli, Dist. Pune, Maharashtra                         |                                                                                                               |
| 10. | Latitude and Longitude                                | Latitude- 18.484597 N, Longitude- 74.130119 E                                                                               |                                                                                                               |
| 11. | Total Plot Area (m <sup>2</sup> )                     | 28800.0                                                                                                                     |                                                                                                               |
| 12. | Deductions (m <sup>2</sup> )                          | 2230.0                                                                                                                      |                                                                                                               |
| 13. | Net Plot area (m <sup>2</sup> )                       | <b>22475.0</b>                                                                                                              |                                                                                                               |
| 14. | Proposed FSI area (m <sup>2</sup> )                   | Total FSI area: <b>23805.06</b><br>(Existing FSI area: 16594.39 + Proposed FSI area:7210.67)                                |                                                                                                               |
| 15. | Proposed non-FSI area (m <sup>2</sup> )               | Total Non FSI: <b>4546.68</b><br>(Existing Non FSI area: 3064.60 + Proposed Non FSI area: 1482.08 )                         |                                                                                                               |
| 16. | Proposed TBUA (m <sup>2</sup> )                       | Total BUA: <b>28351.74</b>                                                                                                  |                                                                                                               |
| 17. | TBUA (m <sup>2</sup> ) approved by Planning Authority | 19658.99 Sq. m<br>Approved Plan and C. C letter: PRH/NASR/836/2011, Dt.22/11/2013<br>by Town planning Authority             |                                                                                                               |

|      |                                                                                                                                                                                         |                                                                                                                                                          |                                                                  |                                                                                      |                |                                  |    |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------|----------------------------------|----|
|      | till date                                                                                                                                                                               |                                                                                                                                                          |                                                                  |                                                                                      |                |                                  |    |
| 18.  | Ground coverage (m2) & %                                                                                                                                                                |                                                                                                                                                          | Ground Converge % of 18 % , Total ground coverage (m2) : 4180.86 |                                                                                      |                |                                  |    |
| 19 . | Total Project Cost (Rs.)                                                                                                                                                                |                                                                                                                                                          | Total Project Cost: Rs. 59.6 Cores                               |                                                                                      |                |                                  |    |
| 20 . | CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                          | Activity                                                                                                                                                 |                                                                  | Location                                                                             | Cost (Rs.)     | Duration                         |    |
|      |                                                                                                                                                                                         | Distribution of PPT Kit, Mask & Oxygen                                                                                                                   |                                                                  | Primary Health Centre, Uruli Kanchan, Pune                                           | 1              |                                  |    |
|      |                                                                                                                                                                                         | Well-equipped Ambulance will be handover to ‘Primary Health Centre                                                                                       |                                                                  |                                                                                      | 10             |                                  |    |
|      |                                                                                                                                                                                         | Infrastructure development activity will be carried out in Uruli khanchan village like Road development, Provision of solar street light, Plantation etc |                                                                  | Uruli Kanchan, Pune                                                                  | 5              | 2021-2022                        |    |
|      |                                                                                                                                                                                         | Below mentioned activities (i to v) will be carried out in Zilla Parishad Primary School, Uruli Kanchan                                                  |                                                                  | Uruli Kanchan, Pune                                                                  |                | 2021-2026                        |    |
|      |                                                                                                                                                                                         | 20 No. of tree will be planted & Tree guard will be provided with its maintenance                                                                        |                                                                  |                                                                                      | 1.5            |                                  |    |
|      |                                                                                                                                                                                         | 10 No of computer , 1 Projector, Library books (50 No.s) will be provided                                                                                |                                                                  |                                                                                      | 2.35           |                                  |    |
|      |                                                                                                                                                                                         |                                                                                                                                                          |                                                                  |                                                                                      |                |                                  |    |
| 21   | Details of Building Configuration :<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                                                                                                                          |                                                                  |                                                                                      |                | Reason for Modification / Change |    |
|      | Previous EC / Existing Building                                                                                                                                                         |                                                                                                                                                          |                                                                  | Proposed Configuration                                                               |                |                                  |    |
|      | Building Name                                                                                                                                                                           | Config uration                                                                                                                                           | Heig ht (m)                                                      | Building Name                                                                        | Configurati on | Heigh t (m)                      | NA |
|      | Existing Building: A1 & A2 (32 No of flats)                                                                                                                                             | G+3& P+4                                                                                                                                                 | 14.85                                                            | Under Construction Building E1 (42 No of flats) Constructed (P + 4) Proposed Extra 3 | P + 7          | 22.80                            |    |

|      |                                                          |         |                                                                                                                                                                              |                                            |                        |        |  |
|------|----------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------|--------|--|
|      |                                                          |         |                                                                                                                                                                              | floor                                      |                        |        |  |
|      | Existing Building : A3<br>(16 No of flats)               | G+3&P+4 | 14.85                                                                                                                                                                        | Proposed Building B8 & B9 (56 No of flats) | P + 7                  | 22.80  |  |
|      | Existing Building: A4 & A5, A6 & A7<br>(64 No of flats)  | G+3&P+4 | 14.85                                                                                                                                                                        | Proposed Building : D1 (56 No of flats)    | P + 7                  | 22.80  |  |
|      | Existing Building : B1(16 No of flats)                   | G+3&P+4 | 14.85                                                                                                                                                                        | Club House                                 | G + 1                  | 3.60   |  |
|      | Existing Building : B2 & B3 (32 No of flats)             | G+3&P+4 | 14.85                                                                                                                                                                        |                                            |                        |        |  |
|      | Existing Building : B4 & B5, B6 & B7<br>(64 No of flats) | G+3&P+4 | 14.85                                                                                                                                                                        |                                            |                        |        |  |
|      | Existing Building : C1<br>(16 No of flats)               | G+3&P+4 | 14.85                                                                                                                                                                        |                                            |                        |        |  |
|      | Existing Bungalow -1                                     | Ground  | 3.60                                                                                                                                                                         |                                            |                        |        |  |
|      | Existing Bungalow -1                                     | Ground  | 3.60                                                                                                                                                                         |                                            |                        |        |  |
| 22 . | Total number of tenements                                |         | 394 flats + Existing 2 Bungalows                                                                                                                                             |                                            |                        |        |  |
| 23   | Water Budget                                             |         | Dry Season (CMD)                                                                                                                                                             |                                            | Wet Season (CMD)       |        |  |
|      |                                                          |         | Fresh Water                                                                                                                                                                  | 178.20                                     | Fresh Water            | 178.20 |  |
|      |                                                          |         | Recycled For flushing                                                                                                                                                        | 89.10                                      | Recycled For flushing  | 89.10  |  |
|      |                                                          |         | Recycled For gardening                                                                                                                                                       | 25                                         | Recycled For gardening | 0      |  |
|      |                                                          |         | Swimming Pool                                                                                                                                                                | 0                                          | Swimming Pool          | 0      |  |
|      |                                                          |         | Total                                                                                                                                                                        | 292.3                                      | Total                  | 267.3  |  |
|      |                                                          |         | Waste water generation                                                                                                                                                       | 240.57                                     | Waste water generation | 240.57 |  |
| 24 . | Water Storage Capacity for Firefighting / UGT            |         | UG WT capacity for all buildings<br>For Domestic = 222.750 m3<br>For Drinking = 44.55 m3<br>For Flushing = 133.650 m3<br>Total UGT Capacity = 267.30 m3<br>1.5 days Capacity |                                            |                        |        |  |
| 25 . | Source of water                                          |         | Urulikanchan Grampanchayat                                                                                                                                                   |                                            |                        |        |  |

|    |                                                  |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                         |  |
|----|--------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--|
| 26 | Rainwater Harvesting (RWH)                       | Level of the Ground water table:         | Summer Season – 13.00 m. to 17.33 m. BGL. (15.165 M. Average)<br>Rainy Season – 5.67 m. to 8.00 BGL. (6.835 M. Average)<br>Winter Season – 9.335 m. to 12.665 m. BGL. (11.00 M. Average)                                                                                                                                                                                                                                                                                                                          |                                                                                                                                         |  |
|    |                                                  | Size and no of RWH tank(s) and Quantity: | NA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                         |  |
|    |                                                  | Quantity and size of recharge pits:      | <b>• No. of recharge pits:</b> Total 11 Nos. (7 for roof top & 4 for surface run off)<br>Size: a) 2.25 m. X 2.25 m. X 2.00 m. Depth with 40 To 60 m. Deep 6” Dia. Bore Well via 1 No. of de-siltation pit of 0.9 m. Dia. 1.0 m. Depth. (For RT)<br>b) 2.25 m. X 2.25 m. X 1.75 m. Depth with 40 To 60 m. Deep 6” Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth. (For Surface Run off))<br><b>Harvesting Capacity:</b> 6,375.00 m <sup>3</sup> /Year i.e. 127.50 m <sup>3</sup> / Day. |                                                                                                                                         |  |
|    |                                                  | Details of UGT tanks if any:             | UG WT capacity for all buildings<br>For Domestic = 222.750 m <sup>3</sup><br>For Drinking = 44.55 m <sup>3</sup><br>For Flushing = 133.650 m <sup>3</sup><br>Total UGT Capacity = 267.30 m <sup>3</sup><br>1.5 days Capacity                                                                                                                                                                                                                                                                                      |                                                                                                                                         |  |
| 27 | Sewage and Wastewater                            | Sewage generation in CMD:                | 240.57 CMD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |  |
|    |                                                  | STP technology:                          | MBBR technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                         |  |
|    |                                                  | Capacity of STP (CMD):                   | 245 KLD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                         |  |
| 28 | Solid Waste Management during Construction Phase | <b>Type</b>                              | <b>Quantity (kg/d)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Treatment / disposal</b>                                                                                                             |  |
|    |                                                  | Dry waste:                               | 1.87 kg/day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Shall be segregated and handed over to authorized vendor                                                                                |  |
|    |                                                  | Wet waste:                               | 4.37 Kg/day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Shall be disposed off through Municipal waste collection system of grampanchayat                                                        |  |
|    |                                                  | Constructi on waste                      | Excavation quantity = approx. 591 cum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | This material shall be used for back filling leveling and landscaping of the plot                                                       |  |
| 29 | Solid Waste Management during Operation Phase    | <b>Type</b>                              | <b>Quantity (kg/d)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Treatment / disposal</b>                                                                                                             |  |
|    |                                                  | Wet Waste                                | 594 kg/day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Composting through OWC<br>No. of OWC unit – 1 , Capacity: 600 kg/day,<br>Location – Ground<br>Disposal: used for garden as a fertilizer |  |

|      |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                                                                                                                                                             |            |
|------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|      |                                                                | Dry Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 396 kg/day  | Segregated/Sale/Collected by Authorized vendor of gram-panchayat Collection method – Door to door                                                           |            |
|      |                                                                | Hazardous waste:                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NA          | NA                                                                                                                                                          |            |
|      |                                                                | Biomedical waste                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NA          | NA                                                                                                                                                          |            |
|      |                                                                | E waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5.42 Kg/day | Segregated/Sale/Collected by Authorized vendor of gram-panchayat.                                                                                           |            |
|      |                                                                | STP Sludge                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18 kg/day   | Use as manure                                                                                                                                               |            |
| 30 . | Green Belt Development                                         | Total RG area (m2):                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 2730 Sq.m                                                                                                                                                   |            |
|      |                                                                | Existing trees on plot:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | 222                                                                                                                                                         |            |
|      |                                                                | Number of trees to be planted:                                                                                                                                                                                                                                                                                                                                                                                                                                                |             | 128                                                                                                                                                         |            |
|      |                                                                | Number of trees to be cut:                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             | 0                                                                                                                                                           |            |
|      |                                                                | Number of trees to be transplanted:                                                                                                                                                                                                                                                                                                                                                                                                                                           |             | 0                                                                                                                                                           |            |
| 31 . | Power requirement:                                             | Source of power supply:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | MSEDCL                                                                                                                                                      |            |
|      |                                                                | During Construction Phase (Demand Load):                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | 30 KW                                                                                                                                                       |            |
|      |                                                                | During Operation phase (Connected load):                                                                                                                                                                                                                                                                                                                                                                                                                                      |             | Proposed building connected load: 1482-KW                                                                                                                   |            |
|      |                                                                | During Operation phase (Demand load):                                                                                                                                                                                                                                                                                                                                                                                                                                         |             | Proposed building demand load: 874 KW                                                                                                                       |            |
|      |                                                                | Transformer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             | 630 KVA – 2.NOS                                                                                                                                             |            |
|      |                                                                | DG set:                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | <ul style="list-style-type: none"><li>In Construction phase 1 DG set of 40 KVA will be provided.</li><li>DG set during Operation -160 KVA – 1.NO.</li></ul> |            |
|      |                                                                | Fuel used:                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             | Diesel                                                                                                                                                      |            |
| 32 . | Details of Energy saving                                       | Measures to reduce energy consumption :<br>Generally we have proposed high efficiency transformer, motors etc. to reduce losses.<br>Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time.<br>The estimated saving in common lighting consumption is up to 20 % due to adopting above measures. |             |                                                                                                                                                             |            |
| 33 . | Environmental Management plan budget during Construction phase | T y p e                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Details     | Capital Cost (Lacs)                                                                                                                                         | O&M (Lacs) |
|      |                                                                | Drinking Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             | 1.00                                                                                                                                                        | 0.10       |
|      |                                                                | Sanitation                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             | 12.50                                                                                                                                                       | 0.75       |
|      |                                                                | Health check up                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | 1.00                                                                                                                                                        | 0.25       |

|      |                                                                                      |                          |                                                                               |                 |                       |               |             |
|------|--------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------|-----------------|-----------------------|---------------|-------------|
|      |                                                                                      | Labour Camp Management   |                                                                               | 3.00            |                       | 0.50          |             |
|      |                                                                                      | Environmental Monitoring |                                                                               | 1.89            |                       | -             |             |
| 34 . | Environmental Management plan Budget during Operation phase                          | Component                | Details                                                                       |                 |                       | Capital (Rs.) | O&M (Rs./Y) |
|      |                                                                                      | Storm Water              | 300 mm wide storm water gutter, SW RCC Hume Pipe -200/300/450 mm Dia provided |                 |                       |               |             |
|      |                                                                                      | Sewage treatment         | STP -245 KLD                                                                  |                 |                       | 50.00         | 11.0        |
|      |                                                                                      | Water treatment          | NA                                                                            |                 |                       | -             | -           |
|      |                                                                                      | RWH                      | RWH System                                                                    |                 |                       | 15.0          | 1.0         |
|      |                                                                                      | Swimming Pool            | --                                                                            |                 |                       | -             | -           |
|      |                                                                                      | Solid Waste              | Organic waste convertor of 600 kg/day                                         |                 |                       | 15.00         | 3.00        |
|      |                                                                                      | Hazardous waste          | NA                                                                            |                 |                       | -             | -           |
|      |                                                                                      | e-waste                  | Handover to authorized dealer                                                 |                 |                       |               |             |
|      |                                                                                      | Green belt development   | Plantation                                                                    |                 |                       | 36.0          | 3.6         |
|      |                                                                                      | Energy saving            | Energy saving measures                                                        |                 |                       | 46.55         | 3.0         |
|      |                                                                                      | Environmental Monitoring | --                                                                            |                 |                       | -             | -           |
|      |                                                                                      | Disaster Management      | Management for flood, earthquake, lightening & fire                           |                 |                       | -             | -           |
| 35 . | Traffic Management                                                                   | Type                     | Required as per DCR                                                           | Actual Provided | Area per parking (m2) |               |             |
|      |                                                                                      | 4-Wheeler                | 129                                                                           | 192             | 12.5 Sq. m            |               |             |
|      |                                                                                      | 2-Wheeler                | 523                                                                           | 523             | 2 Sq. m               |               |             |
|      |                                                                                      | Bicycles                 | 523                                                                           | 523             | 0.7 Sq. m             |               |             |
| 36 . | Details of Court cases / litigations w.r.t. the project and project location if any. | NA                       |                                                                               |                 |                       |               |             |

It was submitted that PP has already carried out construction on the said plot without obtaining environmental clearance. Hence it was decided to seek Architect certificate certifying the potential of

plot at the time of sanction of the plan by Planning authority. PP stated that, the project was earlier considered in 126<sup>th</sup> meeting of SEAC and certain queries were raised. PP submitted the compliance which was taken on record. The architect Certificate further stated that the project is situated in Urali Kanchan Village which is at outskirts of Pune City. Asst. director town planning has sanctioned the plan in 2013 and mentioned that the Construction Potential of the plot at the time of Sanction was 19,658.99 sq. meter which was less than 20,000 Sq. meter hence Environmental Clearance was not applicable.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. As agreed during presentation PP to ensure that the Treated effluent shall be used as per agreement executed with farmers and RMC plants since The common Sewerage system is not in existence.
2. As agreed during presentation PP to ensure that Proper Fire hydrant System with all necessary Equipment's shall be provided to building which are constructed with earlier Sanction.
3. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
4. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|     |      |                            |                                                                                                                            |
|-----|------|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 15. | P-15 | SIA/MH/MIS/<br>220241/2021 | Proposed Expansion of Residential and commercial Building Construction project "10 Elite" by M/s. Kadam- Jagtap Associates |
|-----|------|----------------------------|----------------------------------------------------------------------------------------------------------------------------|

PP vide letter dated 03.02.2022 communicated that due to unavoidable circumstances unable to attend meeting and requested to defer the project accordingly the project is deferred.

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|     |      |                            |                                                                                                                                                        |
|-----|------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16. | P-16 | SIA/MH/MIS/<br>223174/2021 | Proposed Residential development project "My Home Wakad" on S. No 145/1(p), Plot B at Wakad, Tal – Mulashi, Dist - Pune 411057 by Samruddhi Properties |
|-----|------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|

Representative of PP was present during the meeting along with environmental consultant M/s. VK:e Environmental LLP, Pune.

It is noted that, the PP has submitted the application for proposed residential project for total plot area of 4758.28 m<sup>2</sup>, FSI area of **17,901.03m<sup>2</sup>**, Non FSI area of **10,009.45m<sup>2</sup>** and total BUA of **27,910.48m<sup>2</sup>**.

Brief information of the proposal is as below:

|     |                                                                                                                                                                                         |                                                                                                                                                         |                                                                                                      |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1.  | Proposal Number                                                                                                                                                                         | <b>SIA/MH/MIS/223174/2021</b>                                                                                                                           |                                                                                                      |
| 2.  | Name of Project                                                                                                                                                                         | Proposed Residential development project “My Home Wakad” on S. No 145/1(p), Plot B at Wakad, Tal – Mulashi, Dist - Pune 411057 by Samruddhi Properties. |                                                                                                      |
| 3.  | Project category                                                                                                                                                                        | 8a B2 building and construction project                                                                                                                 |                                                                                                      |
| 4.  | Type of Institution                                                                                                                                                                     | Private                                                                                                                                                 |                                                                                                      |
| 5.  | Project Proponent                                                                                                                                                                       | Name                                                                                                                                                    | Mr. Mohit Rajendra Goyal                                                                             |
|     |                                                                                                                                                                                         | Regd. Office address                                                                                                                                    | 1205/3/3, Business Embassy, Goyal Properties, Nanasaheb Deshpande Road, Shivaji Nagar, Pune – 411004 |
|     |                                                                                                                                                                                         | Contact number                                                                                                                                          | 9011077727                                                                                           |
|     |                                                                                                                                                                                         | e-mail                                                                                                                                                  | mohit@goyalproperties.in                                                                             |
| 6.  | Consultant                                                                                                                                                                              | VK:e Environment LLP                                                                                                                                    |                                                                                                      |
| 7.  | Applied for                                                                                                                                                                             | Fresh EC                                                                                                                                                |                                                                                                      |
| 8.  | Details of previous EC                                                                                                                                                                  | NA                                                                                                                                                      |                                                                                                      |
| 9.  | Location of the project                                                                                                                                                                 | S. No 145/1(p), Plot B at Wakad, Tal – Haveli, Dist - Pune 411057                                                                                       |                                                                                                      |
| 10. | Latitude and Longitude                                                                                                                                                                  | Latitude: 18°35'53.67"N Longitude: 73°45'6.75"E                                                                                                         |                                                                                                      |
| 11. | Total Plot Area (m <sup>2</sup> )                                                                                                                                                       | 4758.28                                                                                                                                                 |                                                                                                      |
| 12. | Deductions (m <sup>2</sup> )                                                                                                                                                            | 690.47                                                                                                                                                  |                                                                                                      |
| 13. | Net Plot area (m <sup>2</sup> )                                                                                                                                                         | <b>4067.81</b>                                                                                                                                          |                                                                                                      |
| 14. | Proposed FSI area (m <sup>2</sup> )                                                                                                                                                     | <b>17,901.03</b>                                                                                                                                        |                                                                                                      |
| 15. | Proposed non-FSI area (m <sup>2</sup> )                                                                                                                                                 | <b>10,009.45</b>                                                                                                                                        |                                                                                                      |
| 16. | Proposed TBUA (m <sup>2</sup> )                                                                                                                                                         | <b>27,910.48</b>                                                                                                                                        |                                                                                                      |
| 17. | TBUA (m <sup>2</sup> ) approved by Planning Authority till date                                                                                                                         | In process                                                                                                                                              |                                                                                                      |
| 18. | Ground coverage (m <sup>2</sup> ) & %                                                                                                                                                   | 1531.67 & 37 %                                                                                                                                          |                                                                                                      |
| 19. | Total Project Cost (Rs.)                                                                                                                                                                | 59.4 Cr.                                                                                                                                                |                                                                                                      |
| 20. | CER as per MoEF & CC circular dated 01/05/2018                                                                                                                                          | ----                                                                                                                                                    |                                                                                                      |
| 21. | Details of Building Configuration :<br><Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                                                                                                                         | Reason for Modification / Change                                                                     |

|     |                                                  |                                          |            |                                                                                                                                                   |                                          |            |       |
|-----|--------------------------------------------------|------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------|-------|
|     | Previous EC / Existing Building                  |                                          |            | Proposed Configuration                                                                                                                            |                                          |            |       |
|     | Building Name                                    | Configuration                            | Height (m) | Building Name                                                                                                                                     | Configuration                            | Height (m) |       |
|     |                                                  |                                          |            | Wing A (including LIG)                                                                                                                            | B + Gr.+ P + 13 + Terrace Amenities      | 44.35      |       |
|     |                                                  |                                          |            | Wing B (including LIG)                                                                                                                            | B + Gr. + P + 13 + Terrace Amenities     | 43.10      |       |
| 22. | Total number of tenements                        |                                          |            | Residential: 960, LIG: 90, Total : 1050                                                                                                           |                                          |            |       |
| 23. | Water Budget                                     | Dry Season (CMD)                         |            |                                                                                                                                                   | Wet Season (CMD)                         |            |       |
|     |                                                  | Fresh water                              |            | 94.5                                                                                                                                              | Fresh water                              |            | 94.5  |
|     |                                                  | Recycled water - Flushing                |            | 47                                                                                                                                                | Recycled water – Flushing                |            | 47    |
|     |                                                  | Recycled water - Gardening               |            | 04                                                                                                                                                | Recycled water – Gardening               |            | 00    |
|     |                                                  | Swimming pool make up                    |            | 01                                                                                                                                                | Swimming pool make up                    |            | 00    |
|     |                                                  | Total Water Requirement                  |            | 146.5                                                                                                                                             | Total Water Requirement                  |            | 141.5 |
|     |                                                  | Excess treated water                     |            | 64                                                                                                                                                | Excess treated water                     |            | 68    |
| 24. | Water Storage Capacity for Firefighting / UGT    | 150 CMD                                  |            |                                                                                                                                                   |                                          |            |       |
| 25. | Source of water                                  | PCMC                                     |            |                                                                                                                                                   |                                          |            |       |
| 26. | Rainwater Harvesting (RWH)                       | Level of the Ground water table:         |            | The pre monsoon water levels are 7 m B .G .L.<br>Post monsoon water levels 5 m B .G .L.                                                           |                                          |            |       |
|     |                                                  | Size and no of RWH tank(s) and Quantity: |            | NA                                                                                                                                                |                                          |            |       |
|     |                                                  | Quantity and size of recharge pits:      |            | 6 Nos. (2 for rooftop and 4 for Surface runoff)<br>1 m x 1 m and 1.3 m below inlet level of the storm water Line                                  |                                          |            |       |
|     |                                                  | Details of UGT tanks if any:             |            | NA                                                                                                                                                |                                          |            |       |
| 27. | Sewage and Wastewater                            | Sewage generation in :                   |            | 128                                                                                                                                               |                                          |            |       |
|     |                                                  | STP technology:                          |            | MBBR                                                                                                                                              |                                          |            |       |
|     |                                                  | Capacity of STP (CMD):                   |            | 130                                                                                                                                               |                                          |            |       |
| 28. | Solid Waste Management during Construction Phase | Type                                     |            | Quantity (kg/d)                                                                                                                                   | Treatment / disposal                     |            |       |
|     |                                                  | Dry waste:                               |            | 4                                                                                                                                                 | Will be handed over to Authorized vendor |            |       |
|     |                                                  | Wet waste:                               |            | 6                                                                                                                                                 | Will be handed over to Authorized vendor |            |       |
|     |                                                  | Construction waste:                      |            | The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling. |                                          |            |       |
| 29. | Solid Waste Management                           | Type                                     |            | Quantity (kg/d)                                                                                                                                   | Treatment / disposal                     |            |       |

|     |                                                                |                                          |                                                                                    |                                             |               |
|-----|----------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------|---------------|
|     | during Operation Phase                                         | Dry waste:                               | 210                                                                                | Will be handed over to SWACH                |               |
|     |                                                                | Wet waste:                               | 315                                                                                | Will be treated in organic Waster Converter |               |
|     |                                                                | Hazardous waste:                         | NA                                                                                 | NA                                          |               |
|     |                                                                | Biomedical waste                         | NA                                                                                 | NA                                          |               |
|     |                                                                | E-Waste                                  | 1.5                                                                                | Will be handed over to SWACH                |               |
|     |                                                                | STP Sludge (dry)                         | 43                                                                                 | Dried sludge will use as manure             |               |
| 30. | Green Belt Development                                         | Total RG area (m <sup>2</sup> ):         |                                                                                    | 431.33                                      |               |
|     |                                                                | Existing trees on plot:                  |                                                                                    | 00                                          |               |
|     |                                                                | Number of trees to be planted:           |                                                                                    | 60                                          |               |
|     |                                                                | Number of trees to be cut:               |                                                                                    | 00                                          |               |
|     |                                                                | Number of trees to be transplanted:      |                                                                                    | 00                                          |               |
| 31. | Power requirement:                                             | Source of power supply:                  |                                                                                    | MSEDCL                                      |               |
|     |                                                                | During Construction Phase (Demand Load): |                                                                                    | 75 kW                                       |               |
|     |                                                                | During Operation phase(Connected load):  |                                                                                    | 1241 KW                                     |               |
|     |                                                                | During Operation phase (Demand load):    |                                                                                    | 611 KW                                      |               |
|     |                                                                | Transformer:                             |                                                                                    | 1 X 630 KVA                                 |               |
|     |                                                                | DG set:                                  |                                                                                    | 1 X 250 KVA                                 |               |
|     |                                                                | Fuel used:                               |                                                                                    | HSD                                         |               |
| 32. | Details of Energy saving                                       | Power saving will be 17.32 %             |                                                                                    |                                             |               |
| 33. | Environmental Management plan budget during Construction phase | Type                                     | Details                                                                            |                                             | Cost          |
|     |                                                                | Air Environment                          | Erosion control – dust suppression measures, barricading and top soil preservation |                                             | 4,03,327      |
|     |                                                                | Land                                     | Labour Camp toilets & sanitation                                                   |                                             | 4,80,000      |
|     |                                                                | Health and Safety                        | Labour Safety Equipment’s and training                                             |                                             | 4,00,000      |
|     |                                                                | Facility                                 | Disinfection and Health Check-ups                                                  |                                             | 51,000        |
|     |                                                                | Environment Management                   | Environmental Monitoring cell                                                      |                                             | 1,70,000      |
|     |                                                                | Environment                              | Environmental Monitoring                                                           |                                             | 3,26,500      |
| 34. | Environmental Management plan Budget during Operation phase    | Component                                | Details                                                                            | Capital (Rs.)                               | O & M (Rs./Y) |
|     |                                                                | Sewage treatment                         | MBBR                                                                               | 55,00,000                                   | 5,00,000      |
|     |                                                                | Bio Medical waste                        | -                                                                                  | 1,00,000                                    | -             |
|     |                                                                | RWH                                      | Recharge pits                                                                      | 7,00,000                                    | 60,000        |
|     |                                                                | Solid Waste                              | OWC                                                                                | 12,75,000                                   | 2,80,980      |
|     |                                                                | Green belt development                   | Development & maintenance of green area                                            | 7,39,000                                    | 2,81,430      |

|     |                                                                                      |                          |                               |                 |                                    |
|-----|--------------------------------------------------------------------------------------|--------------------------|-------------------------------|-----------------|------------------------------------|
|     |                                                                                      | Energy saving            | Solar PV + Solar Water Heater | 32,14,000       | 1,28,000                           |
|     |                                                                                      | Environmental Monitoring | -                             | -               | 1,85,600                           |
|     |                                                                                      | Disaster Management      | -                             | 3,75,40,000     | 23,70,400                          |
| 35. | Traffic Management                                                                   | Type                     | Required as per DCR           | Actual Provided | Area per parking (m <sup>2</sup> ) |
|     |                                                                                      | 4-Wheeler                | 136                           | 136             | 12.5                               |
|     |                                                                                      | 2-Wheeler                | 494                           | 494             | 2                                  |
| 36. | Details of Court cases / litigations w.r.t. the project and project location if any. | No                       |                               |                 |                                    |

PP stated that, earlier the proposal was discussed in 128<sup>th</sup> Meeting of SEAC and certain Queries were raised by the Committee. PP submitted the compliance report which is taken on record. Two buildings are proposed for construction. PP informed that IOD is awaited.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. Planning authority shall ensure that OC shall not be granted till the Sustainable water supply to the project is ensured.
2. PP to submit the architect certificate stating the construction carried out on site is as per earlier accorded EC.
3. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
4. PP to ensure that, the water proposed to use for construction phase should not be drinking water.

They can use recycled water or tanker water for proposed construction.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|     |      |                        |                                                                                                                             |
|-----|------|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 17. | P-17 | SIA/MH/MIS/224738/2021 | Proposed Residential and commercial Development at Sr. No: 147/1 + 2A Akurdi, Taluka - Haveli, Pune by M/s Mantra Sky Tower |
|-----|------|------------------------|-----------------------------------------------------------------------------------------------------------------------------|

Representative of PP was present during the meeting along with environmental consultant M/s. Vke: Environmental LLP, Pune.

It is noted that, the PP has submitted the application for residential and proposed Commercial Project for total plot area 13,050.00 m2, FSI area of 54,500.00m2, Non FSI area of 35,120.00 m2 and total BUA of 89,620.00m2.

Brief information of the proposal is as below:

|     |                                                                                                                                                                                      |                                                                                                                             |                                                                                                   |               |                |                                 |             |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------|----------------|---------------------------------|-------------|
| 1.  | Proposal Number                                                                                                                                                                      | SIA/MH/MIS/224738/2021                                                                                                      |                                                                                                   |               |                |                                 |             |
| 2.  | Name of Project                                                                                                                                                                      | Proposed Residential and commercial Development at Sr. No: 147/1 + 2AAkurdi, Taluka - Haveli, Pune by M/s Mantra Sky Tower. |                                                                                                   |               |                |                                 |             |
| 3.  | Project category                                                                                                                                                                     | 8(a) Building & construction projects                                                                                       |                                                                                                   |               |                |                                 |             |
| 4.  | Type of Institution                                                                                                                                                                  | Private                                                                                                                     |                                                                                                   |               |                |                                 |             |
| 5.  | Project Proponent                                                                                                                                                                    | Name                                                                                                                        | Mr. Sailesh Agarwal                                                                               |               |                |                                 |             |
|     |                                                                                                                                                                                      | Regd. Office address                                                                                                        | T4/T5, 3rd floor, Metropole Building, Next to INOXTheatre, Bund Garden Road, Camp – 411001, Pune. |               |                |                                 |             |
|     |                                                                                                                                                                                      | Contact number                                                                                                              | +91 9922008888                                                                                    |               |                |                                 |             |
|     |                                                                                                                                                                                      | e-mail                                                                                                                      | sailesh@mantraproperties.in                                                                       |               |                |                                 |             |
| 6.  | Consultant                                                                                                                                                                           | Vk:e Environmental LLP, Pune.                                                                                               |                                                                                                   |               |                |                                 |             |
| 7.  | Applied for                                                                                                                                                                          | New Project                                                                                                                 |                                                                                                   |               |                |                                 |             |
| 8.  | Details of previous EC                                                                                                                                                               | NA                                                                                                                          |                                                                                                   |               |                |                                 |             |
| 9.  | Location of the project                                                                                                                                                              | Sr. No: 147/1 + 2A Akurdi, Taluka - Haveli, Pune                                                                            |                                                                                                   |               |                |                                 |             |
| 10. | Latitude and Longitude                                                                                                                                                               | 18°39'3.40"N<br>73°47'17.74"E                                                                                               |                                                                                                   |               |                |                                 |             |
| 11. | Total Plot Area (m2)                                                                                                                                                                 | 13,050.00                                                                                                                   |                                                                                                   |               |                |                                 |             |
| 12. | Deductions (m2)                                                                                                                                                                      | 2,015.47                                                                                                                    |                                                                                                   |               |                |                                 |             |
| 13. | Net Plot area (m2)                                                                                                                                                                   | 11,034.53                                                                                                                   |                                                                                                   |               |                |                                 |             |
| 14. | Proposed FSI area (m2)                                                                                                                                                               | 54,500.00                                                                                                                   |                                                                                                   |               |                |                                 |             |
| 15. | Proposed Non-FSI area (m2)                                                                                                                                                           | 35,120.00                                                                                                                   |                                                                                                   |               |                |                                 |             |
| 16. | Proposed TBUA (m2)                                                                                                                                                                   | 89,620.00                                                                                                                   |                                                                                                   |               |                |                                 |             |
| 17. | TBUA (m2) approved by Planning Authority till date                                                                                                                                   | Under Process                                                                                                               |                                                                                                   |               |                |                                 |             |
| 18. | Ground coverage (m2) & %                                                                                                                                                             | 4769.49 (43.22% of the net plot area)                                                                                       |                                                                                                   |               |                |                                 |             |
| 19. | Total Project Cost (Rs.)                                                                                                                                                             | Rs. 130 crores.                                                                                                             |                                                                                                   |               |                |                                 |             |
| 20. | CER as per MoEF& CC circular dated 01/05/2018.                                                                                                                                       | ---                                                                                                                         |                                                                                                   |               |                |                                 |             |
| 21. | Details of Building Configuration:<br><Please use following legends: Floor = F, Parking = Pk, Podium = Po, Stilt =St, LowerGround = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                                                                                             |                                                                                                   |               |                | Reason for Modification /Change |             |
|     | Previous EC / Existing Building                                                                                                                                                      |                                                                                                                             | Proposed Configuration                                                                            |               |                |                                 |             |
|     | Building Name                                                                                                                                                                        | Configuration                                                                                                               | Height (m)                                                                                        | Building Name | Configuration  | Height (m)                      | New project |
|     | N                                                                                                                                                                                    |                                                                                                                             |                                                                                                   | A             | 2B+G+22 floors | 69.95                           |             |
|     | A                                                                                                                                                                                    |                                                                                                                             |                                                                                                   | B             | 2B+G+22 floors | 69.95                           |             |
|     |                                                                                                                                                                                      |                                                                                                                             |                                                                                                   | C             | 2B+G+22 floors | 69.95                           |             |
|     |                                                                                                                                                                                      |                                                                                                                             |                                                                                                   | D             | 2B+G+22 floors | 69.95                           |             |
|     |                                                                                                                                                                                      |                                                                                                                             |                                                                                                   | E             | 2B+G+22 floors | 69.95                           |             |

|     |                                              |                                                                                                                   |                |                        |     |
|-----|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------|------------------------|-----|
|     |                                              | F                                                                                                                 | 2B+G+22 floors | 69.95                  |     |
| 22. | Total number of tenements                    | Residential: 478<br>Commercials Shops: 18                                                                         |                |                        |     |
| 23. | Total number of Population                   | Residential: 2390 Commercial: 227<br>Total Population: 2617                                                       |                |                        |     |
| 24. | Water Budget                                 | Dry Season (CMD)                                                                                                  |                | Wet Season (CMD)       |     |
|     |                                              | Fresh Water                                                                                                       | 221            | Fresh Water            | 221 |
|     |                                              | Recycled for landscape                                                                                            | 17             | Recycled for landscape | 00  |
|     |                                              | Swimming Pool                                                                                                     | 2              | Swimming Pool          | 00  |
|     |                                              | Flushing                                                                                                          | 113            | Flushing               | 113 |
|     |                                              | Total                                                                                                             | 353            | Total                  | 334 |
|     |                                              | Wastewater generation                                                                                             | 299            | Wastewater generation  | 299 |
| 25. | Water Storage Capacity for Firefighting /UGT | Firefighting - Underground water tank: 1 tank of 600 KL. Firefighting - Overhead water tank: 20 KL for each wing. |                |                        |     |
| 26. | Source of water                              | Pimpri Chinchwad Municipal Corporation.                                                                           |                |                        |     |

|     |                                                  |                                          |                                                                                                                                                                                        |                                                                                                                                           |
|-----|--------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 27. | Rainwater Harvesting (RWH)                       | Level of the Ground water table:         | Summer Season – 17.33 m. to 21.67 m. BGL. (19.50 M. Average)<br>Rainy Season – 7.00 m. to 11.33 BGL. (9.17 M. Average)<br>Winter Season – 12.17 m. to 16.50 m. BGL. (14.34 M. Average) |                                                                                                                                           |
|     |                                                  | Size and no of RWH tank(s) and Quantity: | NA                                                                                                                                                                                     |                                                                                                                                           |
|     |                                                  | Quantity and size of recharge pits:      | Total 6 Nos. (4 for Roof Top & 2 for Surface RunOff) 2.25 m. X 2.25 m. X 1.50m                                                                                                         |                                                                                                                                           |
|     |                                                  | Details of UGT tanks if any:             | NA                                                                                                                                                                                     |                                                                                                                                           |
| 28. | Sewage and Wastewater                            | Sewage generation in KLD                 | 299                                                                                                                                                                                    |                                                                                                                                           |
|     |                                                  | STP technology:                          | MBBR                                                                                                                                                                                   |                                                                                                                                           |
|     |                                                  | Capacity of STP KLD:                     | STP Capacity–300                                                                                                                                                                       |                                                                                                                                           |
|     | Solid Waste Management during Construction Phase | Type                                     | Quantity (kg/d)                                                                                                                                                                        | Treatment / disposal                                                                                                                      |
|     |                                                  | Dry waste:                               | 8 kg/day                                                                                                                                                                               | The maximum construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads. |
|     |                                                  | Wet waste:                               | 12 kg/day                                                                                                                                                                              |                                                                                                                                           |
|     |                                                  | Construction waste                       | 20 kg/day                                                                                                                                                                              |                                                                                                                                           |
| 30. | Solid Waste Management during Operation Phase    | Type                                     | Quantity (kg/d)                                                                                                                                                                        | Treatment / disposal                                                                                                                      |
|     |                                                  | Dry waste:                               | 512                                                                                                                                                                                    | Handed over to authorize recycler for further handling & disposal purpose.                                                                |
|     |                                                  | Wet waste:                               | 740                                                                                                                                                                                    | Wet waste will be treated in onsite organic waste converter machine.                                                                      |
|     |                                                  | Hazardous waste:                         | NA                                                                                                                                                                                     | NA                                                                                                                                        |
|     |                                                  | Biomedical waste                         | NA                                                                                                                                                                                     | NA                                                                                                                                        |
|     |                                                  | E-Waste                                  | 3.90                                                                                                                                                                                   | Handed over to authorized recyclers for further handling & disposal purpose.                                                              |
| 31. | Green Belt Development                           | STP Sludge (dry)                         | 29.9                                                                                                                                                                                   | Will be used as manure                                                                                                                    |
|     |                                                  | Total RG area (m2):                      | 1660.73                                                                                                                                                                                |                                                                                                                                           |
|     |                                                  | Existing trees on plot:                  | 55 nos.                                                                                                                                                                                |                                                                                                                                           |
|     |                                                  | Number of trees to be planted:           | 142 nos.                                                                                                                                                                               |                                                                                                                                           |
|     |                                                  | Number of trees to be cut:               | 24 nos.                                                                                                                                                                                |                                                                                                                                           |
|     |                                                  | Number of trees to be retained:          | 31 nos.                                                                                                                                                                                |                                                                                                                                           |
| 32. | Power requirement:                               | No. of Proposed trees                    | 231 nos.                                                                                                                                                                               |                                                                                                                                           |
|     |                                                  | Source of power supply:                  | MSEDCL                                                                                                                                                                                 |                                                                                                                                           |
|     |                                                  | During Construction Phase (Demand Load): | 50 KVA                                                                                                                                                                                 |                                                                                                                                           |
|     |                                                  | During Operation phase (Connected load): | 3342 kVA                                                                                                                                                                               |                                                                                                                                           |
|     |                                                  | During Operation phase (Demand load):    | 1575 kVA                                                                                                                                                                               |                                                                                                                                           |
|     |                                                  | Transformer:                             | 2 no. of 630 KVA. And 1 no. of 315 KVA                                                                                                                                                 |                                                                                                                                           |
|     |                                                  | DG set:                                  | 500 KVA- 1 nos.                                                                                                                                                                        |                                                                                                                                           |
|     |                                                  | Fuel used:                               | HSD                                                                                                                                                                                    |                                                                                                                                           |

|     |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                   |            |
|-----|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------|
| 33. | Details of Energy saving             | <p>Solar Water Heating Systems Will Be Done for Bathrooms.</p> <p>Solar lights will be provided for common amenities like Street lighting &amp; Garden lighting.</p> <p>CFL &amp; LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.</p> <p>Auto Timer Switches will be provided for Street lights, Garden lights, Parking &amp; staircase Lights &amp; Other Common Area Lights, for saving electrical energy.</p> <p>Water Level Controllers with Timers will be Used for Water Pumps.</p> <p>To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps &amp; LED Lights.</p> <p><b>Detail calculations &amp; % of saving: - 22 %</b></p> |                                                                                   |            |
| 34. | Environmental Management plan budget | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Details                                                                           | Cost (Rs.) |
|     |                                      | Air Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Erosion control – dust suppression measures, barricading and topsoil preservation | 8.21       |

|     |                                                                                      |                          |                                       |                                                |                 |               |                        |
|-----|--------------------------------------------------------------------------------------|--------------------------|---------------------------------------|------------------------------------------------|-----------------|---------------|------------------------|
|     | during Construction phase                                                            | Land                     | Labor Camp toilets & sanitation       |                                                | 4.8             |               |                        |
|     |                                                                                      | Health and Safety        | Labor Safety Equipment's and training |                                                | 4.00            |               |                        |
|     |                                                                                      | Health facility          | Disinfection and Health Check-ups     |                                                | 0.66            |               |                        |
|     |                                                                                      | Environment Management   | Environment management cell           |                                                | 1.75            |               |                        |
|     |                                                                                      | Environm ent Managem ent | Environmental Monitoring              |                                                | 3.26            |               |                        |
| 35. | Environmental Management plan Budget during Operation phase                          | Component                |                                       | Details                                        |                 | Capital (Rs.) | O&M (Rs. /Y)           |
|     |                                                                                      | Sewage treatment         |                                       | STP with MBBR Technology                       |                 | 40.60         | 17.94                  |
|     |                                                                                      | RWH                      |                                       | Recharge pits with bore well                   |                 | 2.46          | 0.20                   |
|     |                                                                                      | Solid Waste              |                                       | OWC                                            |                 | 18.50         | 5.19                   |
|     |                                                                                      | Green belt development   |                                       | Development and Maintenance                    |                 | 49.54         | 4.08                   |
|     |                                                                                      | Energy saving            |                                       | Solar water heating system, solar streetlights |                 | 48.39         | 2.41                   |
|     |                                                                                      | Environmental Monitoring |                                       | Environment Monitoring Plan                    |                 |               | 1.85                   |
|     |                                                                                      | Disaster Management Plan |                                       | Lightening Arrester                            |                 | 1.40          |                        |
| 36. | Traffic Management                                                                   | Type                     | Required as per DCR                   |                                                | Actual Provided |               | Total parking Area(m2) |
|     |                                                                                      | 4-Wheeler                | 358                                   |                                                | 639             |               | 21,107.00              |
|     |                                                                                      | 2-Wheeler                | 1380                                  |                                                | 1380            |               |                        |
| 37. | Details of Court cases / litigations w.r.t. the project and project location if any. | NA                       |                                       |                                                |                 |               |                        |

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Earlier the application was discussed in 128<sup>th</sup> SEAC meeting and certain queries were raised. PP submitted the compliance report which is taken on record. It was submitted that Application for IOD is submitted however IOD is yet to be received.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to adhere the revised layout of the project for smooth fire tender movement submitted during appraisal of Project. .
2. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
3. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|     |      |                            |                                                                                       |
|-----|------|----------------------------|---------------------------------------------------------------------------------------|
| 18. | P-18 | SIA/MH/MIS<br>/2021/228637 | Leverage Green Woods by LEVERAGE<br>SPACES LLP. & LEVERAGE<br>INFRASTRUCTURE PVT LTD. |
|-----|------|----------------------------|---------------------------------------------------------------------------------------|

Representative of PP was present during the meeting along with environmental consultant M/s. Goldfinch Engineering System Private Limited

It is noted that, the PP has submitted the application grant of Environmental Clearance of Residential and Commercial Project for total plot area of 19,692.00 m<sup>2</sup>, FSI area of 43,513.00 m<sup>2</sup>, Non FSI area of 10,002.561 m<sup>2</sup> and total BUA of 153,515.652 m<sup>2</sup>.

Brief information of the proposal is as below:

|   |                 |                        |
|---|-----------------|------------------------|
| 1 | Proposal Number | SIA/MH/MIS/228637/2021 |
| 2 | Name of Project | “Leverage Green Woods” |

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|    |                                                    |                                                                                                                                                                                                                                                                                          |
|----|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3  | Project category                                   | 8(a)B2                                                                                                                                                                                                                                                                                   |
| 4  | Type of Institution                                | Private                                                                                                                                                                                                                                                                                  |
| 5  | Project Proponent                                  | <ul style="list-style-type: none"> <li>Name: Mr. Aditya Umesh Gupta</li> <li>Address: FF-1/2/3, 4th Floor, Girish Heights, Sadar, Nagpur.</li> <li>Phone No: 0712- 6609960</li> <li>Email ID: <a href="mailto:aditya@leveragegroup.in">aditya@leveragegroup.in</a></li> </ul>            |
| 6  | Name of Consultant                                 | Name: Goldfinch Engineering System Private Limited<br>Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office<br>Bus-stop, Thane Industrial Area, MIDC (Wagle Estate),<br>Thane (W) – 400604, Maharashtra, India.<br>PH: 91-22-25801529/21/46<br>Accreditation No : NABET/EIA/1922/RA0145 |
| 7  | Applied for                                        | New Project                                                                                                                                                                                                                                                                              |
| 8  | Details of Previous EC                             | No                                                                                                                                                                                                                                                                                       |
| 9  | Location of the project                            | Kh. No. 152/3, 152/1, P.H. No.38, Mouza –Pipala, Taluka - Nagpur(Nagpur), District – Nagpur, Maharashtra                                                                                                                                                                                 |
| 10 | Latitude and Longitude                             | Latitude-21°04'54.65"N, Longitude- 79°06'38.13"E                                                                                                                                                                                                                                         |
| 11 | Total Plot Area                                    | 19,692.00 Sq.m                                                                                                                                                                                                                                                                           |
| 12 | Deductions                                         | 1326.694 Sq.m                                                                                                                                                                                                                                                                            |
| 13 | Net Plot Area                                      | 18,365.306Sq.m                                                                                                                                                                                                                                                                           |
| 14 | Proposed FSI area                                  | 43,513.00 sq. m                                                                                                                                                                                                                                                                          |
| 15 | Proposed Non FSI area                              | 10,002.561 sq. m                                                                                                                                                                                                                                                                         |
| 16 | Proposed Total Built up Area                       | 53,515.652 sq. m                                                                                                                                                                                                                                                                         |
| 17 | Total Built up area approved by Planning Authority | Approved FSI area (sq. m.): -11373.848sq.mt.<br>Approved Non FSI area (sq. m.): - 5794.02sq.mt.<br>Sanction B.P. no: BE(NMRDA)/South/Nagpur(Rural)/No. 1711286/ 2020021422/ 1990<br>Date of Approval: 12.10. 2020                                                                        |
| 18 | Ground Coverage                                    | 5738.933 sq. m & 29.131 %                                                                                                                                                                                                                                                                |
| 19 | Total Project Cost                                 | 46.35Cr                                                                                                                                                                                                                                                                                  |

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| 20                  | CER as per MoEF & CC circular dated 01/05/2018 | According to OM no. F. No. 22-65/2017-IA dated 20.10.2020, CER activity are mentioned in the Environment Management Plan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
|---------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|------------------|---------------|-----------|--------|---------------------|-----------|-------|---------------|-----------|-------|---------------|-----------|-------|-------------|----------|--------|-------------|----------|-------|-------------|----------|-------|-------------|----------|-------|------------|-----------|-------|------------|-----------|-----|----------|-----------|-----|
| 21                  | Details of Building Configuration              | <p>Proposed Building Configuration: New Project</p> <table border="1"> <thead> <tr> <th>Building Name</th><th>Configuration</th><th>Height</th></tr> </thead> <tbody> <tr> <td>Harmony Bld A</td><td>G+ 10 Flr</td><td>33.15</td></tr> <tr> <td>Harmony Bld B</td><td>G+ 10 Flr</td><td>33.15</td></tr> <tr> <td>Harmony Bld C</td><td>G+ 10 Flr</td><td>33.15</td></tr> <tr> <td>Harmony Bld D</td><td>G+ 10 Flr</td><td>33.15</td></tr> <tr> <td>Unity Bld A</td><td>G+ 12Flr</td><td>39.15</td></tr> <tr> <td>Unity Bld B</td><td>G+ 12Flr</td><td>39.15</td></tr> <tr> <td>Unity Bld C</td><td>G+ 12Flr</td><td>39.15</td></tr> <tr> <td>Unity Bld D</td><td>G+ 12Flr</td><td>39.15</td></tr> <tr> <td>Club House</td><td>G + 2 Flr</td><td>12.77</td></tr> <tr> <td>Commercial</td><td>G + 1 Flr</td><td>7.2</td></tr> <tr> <td>Bungalow</td><td>G + 1 Flr</td><td>7.2</td></tr> </tbody> </table> | Building Name | Configuration   | Height           | Harmony Bld A | G+ 10 Flr | 33.15  | Harmony Bld B       | G+ 10 Flr | 33.15 | Harmony Bld C | G+ 10 Flr | 33.15 | Harmony Bld D | G+ 10 Flr | 33.15 | Unity Bld A | G+ 12Flr | 39.15  | Unity Bld B | G+ 12Flr | 39.15 | Unity Bld C | G+ 12Flr | 39.15 | Unity Bld D | G+ 12Flr | 39.15 | Club House | G + 2 Flr | 12.77 | Commercial | G + 1 Flr | 7.2 | Bungalow | G + 1 Flr | 7.2 |
| Building Name       | Configuration                                  | Height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Harmony Bld A       | G+ 10 Flr                                      | 33.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Harmony Bld B       | G+ 10 Flr                                      | 33.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Harmony Bld C       | G+ 10 Flr                                      | 33.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Harmony Bld D       | G+ 10 Flr                                      | 33.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Unity Bld A         | G+ 12Flr                                       | 39.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Unity Bld B         | G+ 12Flr                                       | 39.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Unity Bld C         | G+ 12Flr                                       | 39.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Unity Bld D         | G+ 12Flr                                       | 39.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Club House          | G + 2 Flr                                      | 12.77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Commercial          | G + 1 Flr                                      | 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Bungalow            | G + 1 Flr                                      | 7.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| 22                  | Total number of tenements                      | Resi. –402Nos. Population- 2010 Nos.<br>Comm. Shops : 10 Nos,<br>Comm. Population–30 Nos.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| 23                  | Water Budget                                   | <p>Proposed water budget</p> <table border="1"> <thead> <tr> <th>Particular</th><th>Dry Season(CMD)</th><th>Wet Season (CMD)</th></tr> </thead> <tbody> <tr> <td>Fresh Water</td><td>181.65</td><td>181.65</td></tr> <tr> <td>Recycled (Flushing)</td><td>91.05</td><td>91.05</td></tr> <tr> <td>Recycled</td><td>38.0</td><td>0</td></tr> <tr> <td>Swimming Pool</td><td>0</td><td>0</td></tr> <tr> <td>Total</td><td>310.70</td><td>272.70</td></tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                | Particular    | Dry Season(CMD) | Wet Season (CMD) | Fresh Water   | 181.65    | 181.65 | Recycled (Flushing) | 91.05     | 91.05 | Recycled      | 38.0      | 0     | Swimming Pool | 0         | 0     | Total       | 310.70   | 272.70 |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Particular          | Dry Season(CMD)                                | Wet Season (CMD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Fresh Water         | 181.65                                         | 181.65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Recycled (Flushing) | 91.05                                          | 91.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Recycled            | 38.0                                           | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Swimming Pool       | 0                                              | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |
| Total               | 310.70                                         | 272.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                 |                  |               |           |        |                     |           |       |               |           |       |               |           |       |             |          |        |             |          |       |             |          |       |             |          |       |            |           |       |            |           |     |          |           |     |

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Chairman, SEAC-3

|                        |                                                  | <table border="1"> <tr> <td>Waste water generation</td><td>245.43</td><td>245.43</td></tr> </table>                                                                                                                                                                                                                                           | Waste water generation | 245.43   | 245.43              |           |    |    |           |    |    |                    |                           |                                                     |
|------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------|---------------------|-----------|----|----|-----------|----|----|--------------------|---------------------------|-----------------------------------------------------|
| Waste water generation | 245.43                                           | 245.43                                                                                                                                                                                                                                                                                                                                        |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |
| 24                     | Water Storage Capacity for Fire Fighting/ UGT    | Firefighting - Underground water tank (CMD):200.00 CMD<br>Firefighting - Overhead water tank (CMD):25.00 for Each Building.                                                                                                                                                                                                                   |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |
| 25                     | Source of Water                                  | Pipala Village.                                                                                                                                                                                                                                                                                                                               |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |
| 26                     | Rainwater Harvesting (RWH)                       | <p>Level of Ground Water Table:<br/>Post Monsoon: 8-10Mtr<br/>Pre-Monsoon: 11-13MTr,</p> <p>Size &amp; No. of RWH tanks and Quantity: 1.5 X 1.5 X 3.0 m<br/>Quantity and size of recharge pits: 12 Nos</p> <p>Details of UGT tanks if any: Domestic Capacity:273 CMD<br/>Flushing UG Tank Capacity:137 CMD Fire Fighting Capacity:200 CMD</p> |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |
| 27                     | Sewage and Wastewater                            | <ul style="list-style-type: none"> <li>Sewage Generation: 245.43 KLD</li> <li>STP Technology: MBBR</li> </ul> <p>Capacity of STP (CMD): 250 KLD</p>                                                                                                                                                                                           |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |
| 28                     | Solid waste management during construction phase | <table border="1"> <tr> <th>Type</th><th>Quantity</th><th>Treatment/ disposal</th></tr> <tr> <td>Dry waste</td><td>NA</td><td>NA</td></tr> <tr> <td>Wet waste</td><td>NA</td><td>NA</td></tr> <tr> <td>Construction waste</td><td>Excavation : 17600.00 cum</td><td>Top Soil:9182.65cum, Filling in Plinth: 4943.16 cum</td></tr> </table>    | Type                   | Quantity | Treatment/ disposal | Dry waste | NA | NA | Wet waste | NA | NA | Construction waste | Excavation : 17600.00 cum | Top Soil:9182.65cum, Filling in Plinth: 4943.16 cum |
| Type                   | Quantity                                         | Treatment/ disposal                                                                                                                                                                                                                                                                                                                           |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |
| Dry waste              | NA                                               | NA                                                                                                                                                                                                                                                                                                                                            |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |
| Wet waste              | NA                                               | NA                                                                                                                                                                                                                                                                                                                                            |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |
| Construction waste     | Excavation : 17600.00 cum                        | Top Soil:9182.65cum, Filling in Plinth: 4943.16 cum                                                                                                                                                                                                                                                                                           |                        |          |                     |           |    |    |           |    |    |                    |                           |                                                     |

|    |                                               |                                                                                                                                                                                                                                                                                                                                                                              |             |                                                                                                                               |
|----|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|
| 29 | Solid waste management during operation phase | Type                                                                                                                                                                                                                                                                                                                                                                         | Quantity    | Treatment/ disposal                                                                                                           |
|    |                                               | Dry waste                                                                                                                                                                                                                                                                                                                                                                    | 406.5       | Dry waste will be sent for recycling to agency SWACH                                                                          |
|    |                                               | Wet waste                                                                                                                                                                                                                                                                                                                                                                    | 606         | Wet waste will be converting to compost by using OWC                                                                          |
|    |                                               | Hazardous waste                                                                                                                                                                                                                                                                                                                                                              | NA          | NA                                                                                                                            |
|    |                                               | Biomedical waste                                                                                                                                                                                                                                                                                                                                                             | Negligible  | We will dispose the bio medical waste as per bio medical waste rules / guidelines issued by competent authority time to time. |
|    |                                               | E-waste                                                                                                                                                                                                                                                                                                                                                                      | 1035kg/Year | Handed over to authorized vendor                                                                                              |
|    |                                               | STP Sludge                                                                                                                                                                                                                                                                                                                                                                   | 20.6 kg/day | STP sludge sent to SWM site for converting in to compost                                                                      |
| 30 | Green Belt Development                        | <ul style="list-style-type: none"> <li>• Total Green Area: 1969.20Sq.M.</li> <li>• Existing trees on Plot: 0</li> <li>• Number of trees to be plant: 250 Nos.</li> <li>• Number of trees to be cut: 0</li> <li>• Number of trees to be transplant: 0</li> </ul>                                                                                                              |             |                                                                                                                               |
| 31 | Power Requirement                             | <ul style="list-style-type: none"> <li>• Source of power supply: MSEDCL</li> <li>• During Construction Phase (Demand Load): 75 KW</li> <li>• During Operation Phase (Connected Load): 2833 KVA</li> <li>• During Operation Phase (Demand Load): 1260 KVA</li> <li>• Transformer: 2 X 630 KVA</li> <li>• DG Set: 50 x1 &amp; 200 x 1 KVA</li> <li>• Fuel Used: HSD</li> </ul> |             |                                                                                                                               |
| 32 | Details of Energy Saving                      | 1. Energy saving Due to use of solar PV is 4% (68040 KWH/YR).                                                                                                                                                                                                                                                                                                                |             |                                                                                                                               |

|    |                                                           |                        |                                                                            |               |                 |                        |
|----|-----------------------------------------------------------|------------------------|----------------------------------------------------------------------------|---------------|-----------------|------------------------|
| 33 | Environment Management Plan during Construction phase     |                        |                                                                            |               |                 |                        |
|    |                                                           | Type                   | Details                                                                    |               | Cost            |                        |
|    |                                                           | Capital                | NA                                                                         |               | NA              |                        |
|    |                                                           | O&M                    | Water, Site Sanitation, Health Check Up & Safety, Environmental Monitoring |               | 2.1 Lac         |                        |
| 34 | Environment Management plan Budget during Operation phase |                        |                                                                            |               |                 |                        |
|    |                                                           | Component              | Details                                                                    | Capital (Rs.) | O&M (Rs./Y)     | Component              |
|    |                                                           | Sewage treatment (STP) | MBBR                                                                       | 73.93 Lacs    | 10.48 Lacs/year | Sewage treatment (STP) |
|    |                                                           | Water treatment        | NA                                                                         | NA            | NA              | Water treatment        |
|    |                                                           | RWH                    | Rainwater Harvesting                                                       | 24 Lacs       | 0.60 Lacs/year  | RWH                    |
|    |                                                           | Swimming Pool          | Swimming Pool                                                              | NA            | NA              | Swimming Pool          |
|    |                                                           | Solid Waste            | Municipal Solid waste                                                      | 16.50 lakhs   | 2.39lakhs/yr.   | Solid Waste            |
|    |                                                           | Hazardous waste        | NA                                                                         | NA            | NA              | Hazardous waste        |
|    |                                                           | E-waste                | NA                                                                         | NA            | NA              | E-waste                |
|    |                                                           | Green belt development | Landscaping                                                                | 55.00 lakhs   | 6 lakhs/yr      | Green belt development |
|    |                                                           | Energy saving          | Energy Savings                                                             | 69.05 Lakhs   | 3.45 Lakhs/yr.  | Energy saving          |
|    |                                                           | Environmental          | Air, water, Noise, Soil                                                    | ----          | 1.2 lakhs/yr    | Environmental          |

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|           |                                                                                    |                                                                                                                                                                                                                                                                                                                                |                    |            |      |                     |      |                     |                 |                  |           |     |     |          |           |     |     |           |          |     |     |          |
|-----------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|------|---------------------|------|---------------------|-----------------|------------------|-----------|-----|-----|----------|-----------|-----|-----|-----------|----------|-----|-----|----------|
|           |                                                                                    | Monitoring                                                                                                                                                                                                                                                                                                                     |                    |            | .    | Monitoring          |      |                     |                 |                  |           |     |     |          |           |     |     |           |          |     |     |          |
|           |                                                                                    | Disaster Management                                                                                                                                                                                                                                                                                                            | Lightning arrestor | 2.80 Lakhs | ---- | Disaster Management |      |                     |                 |                  |           |     |     |          |           |     |     |           |          |     |     |          |
| 35        | Traffic Management                                                                 | <table><tr><td>Type</td><td>Required as per DCR</td><td>Actual Provided</td><td>Area per Parking</td></tr><tr><td>4-Wheeler</td><td>158</td><td>158</td><td>12.5Sq.m</td></tr><tr><td>2-Wheeler</td><td>721</td><td>721</td><td>2.00 Sq.m</td></tr><tr><td>Bicycles</td><td>168</td><td>168</td><td>0.5 Sq,m</td></tr></table> |                    |            |      |                     | Type | Required as per DCR | Actual Provided | Area per Parking | 4-Wheeler | 158 | 158 | 12.5Sq.m | 2-Wheeler | 721 | 721 | 2.00 Sq.m | Bicycles | 168 | 168 | 0.5 Sq,m |
| Type      | Required as per DCR                                                                | Actual Provided                                                                                                                                                                                                                                                                                                                | Area per Parking   |            |      |                     |      |                     |                 |                  |           |     |     |          |           |     |     |           |          |     |     |          |
| 4-Wheeler | 158                                                                                | 158                                                                                                                                                                                                                                                                                                                            | 12.5Sq.m           |            |      |                     |      |                     |                 |                  |           |     |     |          |           |     |     |           |          |     |     |          |
| 2-Wheeler | 721                                                                                | 721                                                                                                                                                                                                                                                                                                                            | 2.00 Sq.m          |            |      |                     |      |                     |                 |                  |           |     |     |          |           |     |     |           |          |     |     |          |
| Bicycles  | 168                                                                                | 168                                                                                                                                                                                                                                                                                                                            | 0.5 Sq,m           |            |      |                     |      |                     |                 |                  |           |     |     |          |           |     |     |           |          |     |     |          |
| 36        | Details of Court Cases/ litigations w.r.t. the project and project location if any | NO                                                                                                                                                                                                                                                                                                                             |                    |            |      |                     |      |                     |                 |                  |           |     |     |          |           |     |     |           |          |     |     |          |

Earlier the application was discussed in 129<sup>th</sup> SEAC meeting and certain queries were raised. PP submitted the compliance report which is taken on record. PP informed that, the project under consideration is proposed on land parcel consisting of two plots viz kh.no 152/1 & 152/3. PP Mr Aditya Gupta was present during meeting has informed that, out of two plots under consideration, layout of Kh. no 152/3 was approved on 15/10/2019 in the name of Leverage Spaces LLP and layout no 152/1 was approved on 5/8/2021 in the name of Leverage Spaces LLP & Leverage infrastructure Pvt.Ltd.

The PP, Mr. Gupta who was present in the meeting has submitted that, he has 17.5% shares in his name in Leverage Spaces LLP & also 17.5% shares in Leverage infrastructure Pvt.Ltd.

PP further stated that, approved layout plan for kh no 152/3 for 15,127.495Sq.mt Sq.mt. approved on 15/10/2019 and revised approved layout plan for kh no 152/3 for 17167.868 Sq.mt. approved on 12<sup>th</sup> October, 2020 accordingly the Construction is initiated as per approved plan. The amalgamation of plots is not yet carried out however the Planning authority has given

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approval to layouts on plots.

PP also submitted that with the UDCPR in December, 2020 & likelihood of availability of TDR, he has taken approval from the local planning authority i.e NMRDA on 17/11/2021 for total potential. He has submitted application for EC accordingly for the combined project having common environmental infrastructures & services like STP, OWC, Transformer, DG set, etc on said plots in the name of Leverage Spaces LLP & Leverage infrastructure Pvt.Ltd.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
2. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

**Decision: -**

**After deliberation, Committee decided to bring the above facts to the notice of SEIAA and if approved SEAC recommends the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|     |       |                                         |                                                                                                                                                                     |
|-----|-------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19. | P-19A | SIA/MH/MIS<br>/139790/2020<br>(Modi EC) | Proposed Residential project 'Avon Vista'<br>at S.no. 8/3, 8/4, 8/5, 8/6, 8/7, 8/9, 8/10,<br>8/11, 8/12 Mhalunge, Pune by M/s.<br>Naiknavare Profile Developers LLP |
|-----|-------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Environment Consultant & PP stated that, as per circular issued by SEIAA vide dated 29<sup>th</sup> November, 2021 they have re submitted the application under expansion category & requested to withdraw the proposal under consideration. Committee noted & accepted the same, hence application is forwarded to SEIAA with the recommendation for allowing PP to withdraw the project.

**Decision: -**

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**In view of above, the application is forwarded to SEIAA with the recommendation that PP may be allowed to withdraw the project.**

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|     |      |                            |                                                                                                                                                            |
|-----|------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19. | P-19 | SIA/MH/MIS/<br>245445/2021 | Proposed Residential project 'Avon Vista' at S.no. 8/3, 8/4, 8/5, 8/6, 8/7, 8/9, 8/10, 8/11, 8/12 Mhalunge, Pune by M/s. Naiknavare Profile Developers LLP |
|-----|------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|

Representative of PP Mr. Sagar was present during the meeting along with environmental consultant M/s. VK:e Environmental LLP, Pune.

It is noted that, the PP has submitted the application for Expansion in Environmental Clearance of proposed residential project for total plot area of 19,477.81 m<sup>2</sup>, FSI area of 51,727.43 m<sup>2</sup>, Non FSI area of 40,601.37 m<sup>2</sup> and total BUA of 92,328.80 m<sup>2</sup>.

Brief information of the proposal is as below:

|    |                        |                                                                                                                                                                                                            |                                        |
|----|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 1. | Proposal Number        | <b>SIA/MH/MIS/ 139790/2020</b>                                                                                                                                                                             |                                        |
| 2. | Name of Project        | Expansion in Environment Clearance for Proposed Residential project “Avon Vista” at S. No. 8, Hissa no. 3 to 7, 9 to 14, Mhalunge, Tal - Mulshi, Dist - Pune. By Naiknavare Profile Constructions Pvt Ltd. |                                        |
| 3. | Project category       | 8(a) Building and Construction projects                                                                                                                                                                    |                                        |
| 4. | Type of Institution    | Private                                                                                                                                                                                                    |                                        |
| 5. | Project Proponent      | Name                                                                                                                                                                                                       | Mrs. Gauri Naiknavare                  |
|    |                        | Regd. Office address                                                                                                                                                                                       | 1204/4, Ghole Road, Shivajinagar, Pune |
|    |                        | Contact number                                                                                                                                                                                             | 9850053235                             |
|    |                        | e-mail                                                                                                                                                                                                     | gauri@naiknavare.com                   |
| 6. | Consultant             | VK: e environmental LLP,<br>NABET Certificate no - NABET/EIA/1611/ IA 0014                                                                                                                                 |                                        |
| 7. | Applied for            | Expansion                                                                                                                                                                                                  |                                        |
| 8. | Details of previous EC | EC granted dated 18th July 2016 vide no. SEAC -III-2014/CR-369/TC-3                                                                                                                                        |                                        |

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|     |                                                                                                                                                                                       |                                                           |                        |               |               |                                  |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------|---------------|---------------|----------------------------------|
| 9.  | Location of the project                                                                                                                                                               | S. No. 8, Hissa no. 3 to 7, 9 to 14                       |                        |               |               |                                  |
| 10. | Latitude and Longitude                                                                                                                                                                | Latitude:18°35'8.45"N<br>Longitude: 73°45'37.65"E         |                        |               |               |                                  |
| 11. | Total Plot Area (m2)                                                                                                                                                                  | 19,477.81                                                 |                        |               |               |                                  |
| 12. | Deductions (m2)                                                                                                                                                                       | -                                                         |                        |               |               |                                  |
| 13. | Net Plot area (m2)                                                                                                                                                                    | 19,477.81                                                 |                        |               |               |                                  |
| 14. | Proposed FSI area (m2)                                                                                                                                                                | 51,727.43                                                 |                        |               |               |                                  |
| 15. | Proposed non-FSI area (m2)                                                                                                                                                            | 40,601.37                                                 |                        |               |               |                                  |
| 16. | Proposed TBUA (m2)                                                                                                                                                                    | 92,328.80                                                 |                        |               |               |                                  |
| 17. | TBUA (m2) approved by Planning Authority till date                                                                                                                                    | 49490.89 sqm Sanction no. BMU/203/19 20 dated 13/11/2019. |                        |               |               |                                  |
| 18. | Ground coverage (m2) & %                                                                                                                                                              | 8518. 51sq.m<br>43.73 % on Net plot area                  |                        |               |               |                                  |
| 19. | Total Project Cost (Rs.)                                                                                                                                                              | Rs. 220,00,00,000/-                                       |                        |               |               |                                  |
| 20. | CER as per MoEF & CC circular dated 01/05/2018 (Kindly Fill The details as per CER)                                                                                                   | Activity                                                  | Location               | Cost (Rs.)    | Duration      |                                  |
|     |                                                                                                                                                                                       | RCC work for Dwarka School                                | Mhalunge               | 1,65,00,000   | 4 year        |                                  |
|     | Details of Building Configuration:<br><Please use following legends: Floor = F, Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                           |                        |               |               | Reason for Modification / Change |
|     | Previous EC / Existing Building                                                                                                                                                       |                                                           | Proposed Configuration |               |               |                                  |
|     | Building Name                                                                                                                                                                         | Configuration                                             | Height                 | Building Name | Configuration | Height (m)                       |

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|     |                           |                        |       |                        |          |       |                                                                       |
|-----|---------------------------|------------------------|-------|------------------------|----------|-------|-----------------------------------------------------------------------|
|     |                           |                        | (m)   |                        |          |       |                                                                       |
|     | Building A1               | LP+UP+21               | 68.60 | Building A1            | LP+UP+21 | 68.60 | 1 no. of Tenement reduced                                             |
|     | Building A2               | LP+UP+21               | 68.60 | Building A2            | LP+UP+21 | 68.60 | No Change                                                             |
|     | Building A3               | LP+UP+21               | 69.05 | Building A3            | LP+UP+21 | 69.05 | 41 no of tenement <sup>s</sup> increased                              |
|     | Building B1               | LP+UP+21               | 69.05 | Building B1            | LP+UP+21 | 69.05 | No Change                                                             |
|     | Building B2               | LP+UP+21               | 67.05 | Building B2            | LP+UP+21 | 67.05 | 40 no of Tenement <sup>s</sup> increased                              |
|     | Building C                | LP+UP+21               | 69.05 | Building B3            | LP+UP+21 | 69.05 | 41 No of Tenement increased and Name of building changed from C to B3 |
|     | Club House                | --                     | --    | Club House             | G+1      | 8.80  | Addition of new building                                              |
| 22. | Total number of tenements |                        |       | 616 nos                |          |       |                                                                       |
|     | Population                |                        |       | 3080                   |          |       |                                                                       |
| 23. | Water Budget              | Dry Season (CMD)       |       | Wet Season (CMD)       |          |       |                                                                       |
|     |                           | Fresh Water            | 277   | Fresh Water            | 277      |       |                                                                       |
|     |                           | Recycled for Gardening | 32    | Recycled for Gardening | 00       |       |                                                                       |
|     |                           | Swimming Pool          | 06    | Swimming Pool          | 06       |       |                                                                       |

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|     |                                                  |                                                                               |                                                 |                                                |     |
|-----|--------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------|-----|
|     |                                                  | Flushing                                                                      | 139                                             | Flushing                                       | 139 |
|     |                                                  | Club House                                                                    | 10                                              | Club House                                     | 10  |
|     |                                                  | Total                                                                         | 464                                             | Total                                          | 432 |
|     |                                                  | Wastewater generation                                                         | 383                                             | Wastewater generation                          | 383 |
| 24. | Water Storage Capacity for Firefighting / UGT    | 20 OHWT will be provided for each Building.<br>600 KLD UGWT will be provided. |                                                 |                                                |     |
| 25. | Source of water                                  | Irrigation Department                                                         |                                                 |                                                |     |
| 26. | Rainwater Harvesting (RWH)                       | Level of the Ground water table:                                              | Pre-Monsoon: 7.10 bgl<br>Post Monsoon: 3.10 bgl |                                                |     |
|     |                                                  | Size and no of RWH tank(s) and Quantity:                                      | NA                                              |                                                |     |
|     |                                                  | Quantity and size of recharge pits:                                           | 14 no. RWH pits of 2 m X 2m                     |                                                |     |
|     |                                                  | Details of UGT tanks if any:                                                  | NA                                              |                                                |     |
| 27. | Sewage and Wastewater                            | Sewage generation in CMD:                                                     | 383                                             |                                                |     |
|     |                                                  | STP technology:                                                               | Constructed Wetland                             |                                                |     |
|     |                                                  | Capacity of STP (CMD):                                                        | 420 KLD                                         |                                                |     |
| 28. | Solid Waste Management during Construction Phase | Type                                                                          | Quantity (kg/d)                                 | Treatment / disposal                           |     |
|     |                                                  | Dry waste:                                                                    | 08                                              | Segregation and hand over to authorized vendor |     |
|     |                                                  | Wet waste:                                                                    | 12                                              | Segregation and hand over to authorized vendor |     |
| 29. | Solid Waste                                      | Type                                                                          | Quantity (kg/d)                                 | Treatment / disposal                           |     |
|     |                                                  | Dry waste:                                                                    | 613 Kg/Day                                      | Segregation and hand over to authorized vendor |     |

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|     |                                   |                                           |             |                                                                 |
|-----|-----------------------------------|-------------------------------------------|-------------|-----------------------------------------------------------------|
|     | Management during Operation Phase | Wet waste:                                | 919 kg/day  | Organic waste converter                                         |
|     |                                   | Hazardous waste:                          | 00          | NA                                                              |
|     |                                   | Biomedical waste                          | 00          | NA                                                              |
|     |                                   | E-Waste                                   | 4.19 Kg/day | Segregation and hand over to authorized vendor                  |
|     |                                   | STP Sludge (dry)                          | 50.7 Kg/day | Dry Sludge will be used as manure for Gardening                 |
| 30. | Green Belt Development            | Total RG area (m2):                       |             | 4850.00 Sq.m. (under green belt),<br>2538.81 Sq.m. (on ground). |
|     |                                   | Existing trees on plot:                   |             | 02                                                              |
|     |                                   | Number of Trees Planted as per Earlier EC |             | 88                                                              |
|     |                                   | Number of trees to be planted:            |             | 203                                                             |
|     |                                   | Number of trees to be cut:                |             | 00                                                              |
|     |                                   | Number of trees to be transplanted:       |             | 00                                                              |
| 31. | Power requirement:                | Source of power supply:                   |             | MSEDCL                                                          |
|     |                                   | During Construction Phase (Demand Load):  |             | 45 MW                                                           |
|     |                                   | During Operation phase (Connected load):  |             | 2040 MW                                                         |
|     |                                   | During Operation phase (Demand load):     |             | 1530 MW                                                         |
|     |                                   | Transformer:                              |             | 3 nos X 630 KVA                                                 |
|     |                                   | DG set:                                   |             | 01 No. x 200 KVA                                                |
|     |                                   | Fuel used:                                |             | HSD                                                             |

|     |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  |              |     |  |
|-----|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|-----|--|
| 32. | Details of Energy saving                                       | <p>1) Use of high efficiency lighting fixtures – LED with electronic ballasts.</p> <p>2) Use of electronic ballasts as opposed to the elector-magnetic ballasts shall reduce the loss of energy and improve the operation power factor.</p> <p>3) Common area lights, Street lights &amp; Landscape lights will be selected so as to reduce the consumption of electricity.</p> <p>4) Lighting power density in compliance as per clause 7.3 ECBC-2007.</p> <p>All the pumps shall have minimum 60% efficiency.</p> <p>5) Energy meters shall be installed to monitor the energy consumption for – External lighting, treated water pumping, municipal water pumping, common area etc.</p> <p>6) Timers will be installed in the outdoor lights so as to minimize the wastage of lighting during un- needed hours.</p> <p>7) All cables will be de- rated to avoid heating during use. This also indirectly reduces losses and improved reliability</p> <p>8) Solar water heating system with Heat pump will be installed for energy saving.</p> <p>9) Latest BIS energy saver Distribution transformers will be installed.</p> <p>Total Energy Saving:17.90%</p> |                                  |              |     |  |
| 33  | Environmental Management plan budget during Construction phase | No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Details                          | Cost in Lacs |     |  |
|     |                                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Water for Dust Suppression       | 13.63        |     |  |
|     |                                                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Labour Camp toilets & sanitation | 4.80         |     |  |
|     |                                                                | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Health and Safety                | 4.00         |     |  |
|     |                                                                | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Health & Checkup of Labour       | 0.51         |     |  |
|     |                                                                | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Environment management cell      | 1.75         |     |  |
|     |                                                                | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Environmental Monitoring         | 3.26         |     |  |
|     |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TOTAL                            | 27.95        |     |  |
| 3   | Environmental                                                  | Component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Details                          | Capita       | O&M |  |

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|     |                                                                                          |                             |                        |                                   |                          |        |
|-----|------------------------------------------------------------------------------------------|-----------------------------|------------------------|-----------------------------------|--------------------------|--------|
| 4.  | Management plan<br>Budget during<br>Operation phase                                      |                             |                        |                                   | l<br>(Lacs.)             | (Lacs) |
|     |                                                                                          | Sewage treatment            |                        | Sewage Treatment<br>Plant 420 KLD | 190.00                   | 18.00  |
|     |                                                                                          | Solid Waste<br>Management   |                        | OWC                               | 13.00                    | 8.00   |
|     |                                                                                          | Rainwater<br>Harvesting     |                        | Recharge Pits                     | 2.00                     | 8.00   |
|     |                                                                                          | Swimming Pool               |                        | --                                | 47.79                    | 3.00   |
|     |                                                                                          | Landscaping                 |                        | Development and<br>Maintenance    | 73.05                    | 2.25   |
|     |                                                                                          | Energy saving               |                        | Solar PV & Solar<br>Water heater  | 90.66                    | 1.05   |
|     |                                                                                          | Environmental<br>Monitoring |                        | Environmental<br>Monitoring       | 00                       | 1.85   |
|     |                                                                                          | Lightening<br>Arrestor      |                        | Lightening Arrestor               | 15.00                    | 00     |
|     |                                                                                          |                             |                        | Total                             | 431.5                    | 42.15  |
| 35. | Traffic<br>Management<br><br>(Kindly Update the<br>numbers as per<br>revised details)    | Type                        | Required as<br>per DCR | Actual Provided                   | Area per parking<br>(m2) |        |
|     |                                                                                          | 4-<br>Wheel<br>er           | 166                    | 656                               | 12323.70 Sq. m.          |        |
|     |                                                                                          | 2-<br>Wheel<br>er           | 491                    | 491                               |                          |        |
|     |                                                                                          | Bicycl<br>es                | 491                    | 491                               |                          |        |
| 36. | Details of<br>Court cases /<br>litigations w.r.t.<br>the project and<br>project location | Not applicable              |                        |                                   |                          |        |

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PP stated that, the project has received the earlier EC vide letter dated 18.07.2016 for the Plot area 19,477.87 sq m, FSI area of 34,577.09 sq m; Non FSI area of 38,846.21 sq m, with a total Built up Area of 73,423.30 sqm. PP also informed that Construction has been completed and occupancy have been given in Completed buildings. PP further stated that the proposed Project was considered earlier in 106<sup>th</sup> and 120<sup>th</sup> SEAC-III meeting for appraisal. PP has submitted six Monthly compliance reports to Regional office MoEFCC, Nagpur, however Certified Compliance report is not received.

The project was earlier discussed in 106<sup>th</sup> SEAC meeting and certain queries were raised. PP submitted the compliance was taken on record in 123<sup>rd</sup> SEAC meeting and the project was referred to SEIAA with Following observations

***“Committee noted that, there is change in building profile; PP has constructed different profile than approved in EC. After detail deliberation & considering the above said changes in the approved building profile, committee noted that this seems to be a violation case. The expansion/amendment proposal therefore cannot be appraised at this juncture. Committee also noticed that, the PP has not submitted their application as per Notification issued by MoEF & CC dated 14.03.2017 for violation cases, hence Committee decided to refer the application to SEIAA for further necessary action. ”***

Further the project was discussed in Project was discussed in 231st SEIAA meeting. The deliberations and decision of SEIAA is

***Proposal is an amendment in existing Project.***

***SEAC-3 in its 123th meeting pointed out that, there is change in building profile; PP has constructed different profile than approved in EC. After detail deliberation & considering the above said changes in the approved building profile, SEAC noted that this seems to be a violation case. The expansion/amendment proposal therefore cannot be appraised at this juncture. SEAC also noticed that, the PP has not submitted their application as per Notification issued by MoEF & CC dated 14.03.2017 for violation cases, hence SEAC decided to refer the application to SEIAA for further necessary action.***

***PP vide letter dated 28.10.2021 submitted that, they have obtained Environment Clearance dated 18.07.2016 for Total BUA of 51,587.80 m<sup>2</sup> for 6 Buildings. PP further stated that, out of 6 buildings approved vide earlier EC PP has completed construction of 3 buildings, construction of 2 buildings is not yet started and one building is constructed up to 7th floor. PP again submitted that, footprint on mother earth is same as per earlier EC and construction initiated is also within the limit of BUA and FSI approved vide earlier EC. PP further submitted that, there are internal changes in Building B2 which will result in increase of 41 tenements after completion of 21 floors for which they have submitted amendment application in February, 2020. PP again submitted that, presently they have constructed building B2 up to 7th floor with total BUA of 4764.11 m<sup>2</sup>.***

***PP further submitted that, there is a proposal considered in 203<sup>rd</sup> meeting of SEIAA at S.no 14 in which deviation made within the limit of BUA without increase in tenements has not been considered as violation by the SEIAA. The Minutes of the said meeting are as- The EIA Notification, 2006 dated 14.09.2006 has laid down threshold area and the limits for consideration of proposals of building construction under B2 category. Accordingly, when Environment Clearance was already granted once for a specified Built Up Area (BUA), and afterwards Project proponent comes for amendment/expansion, the area for which Environment Clearance is granted is the primary factor in deciding amendment/ expansion. The configuration of buildings submitted for Environment Clearance may vary sometimes, but so long as it is within the limit of area for which Environment Clearance was given, appraisal should be done to determine whether the environmental requirements/ parameters are met. Such proposals cannot be considered as violation in terms of the EIA notification, in case Environment Clearance was granted for a larger area. However, adequacy of environmental requirements/stipulations should be appraised by the SEAC before considering grant of Environment Clearance for amendment/expansion.***

***PP requested that, the same precedent may be applied to this case.***

***In the view of above, SEIAA is of the opinion that the proposal may not be considered as violation of earlier EC. SEIAA after deliberation decided to refer back the Proposal for appraisal.***

***SEIAA after deliberation decided to refer back the Proposal for appraisal. Accordingly SEAC appraised the project from Environmental angle and the case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were***

examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to submit Ro Certified compliance report.
2. As agreed in compliance Points PP to provide 9 Metrs turning radius with 6 meters internal driveway for smooth movement of vehicles along with fire tender movement .
3. PP to submit the undertaking regarding the compensatory plantation.
4. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
5. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|     |        |                                         |                                                                                                                               |
|-----|--------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 20. | P-20 A | SIA/MH/MIS<br>/208847/2021<br>(Modi EC) | Amendment in proposed residential project ' Nyati Evolve' S.no.66/1B, Mundhwa Tal Haveli, Pune By M/s. Nyati Geeta Associates |
|-----|--------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|

Environment Consultant & PP stated that, as per circular issued by SEIAA vide dated 29<sup>th</sup> November, 2021 they have re submitted the application under expansion category & requested to withdraw the proposal under consideration. Committee noted & accepted the same, hence application is forwarded to SEIAA with the recommendation for allowing PP to withdraw the proposal.

**Decision: -**

**In view of above, the application is forwarded to SEIAA with the recommendation that PP may be allowed to withdraw the project.**

Secretary, SEAC-3

Chairman, SEAC-3

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|     |      |                        |                                                                                                                               |
|-----|------|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 20. | P-20 | SIA/MH/MIS/242464/2021 | Amendment in proposed residential project ' Nyati Evolve' S.no.66/1B, Mundhwa Tal Haveli, Pune By M/s. Nyati Geeta Associates |
|-----|------|------------------------|-------------------------------------------------------------------------------------------------------------------------------|

Representative of Mr. Uday Shah was present during the meeting along with environmental consultant M/s. Enviro Analysts and Engineers Pvt. Ltd. It is noted that, the PP has submitted the application for Expansion in residential development project for total plot area of 12350.00 m2, FSI area of 55,648.41 m2, Non FSI area of 28,761.01 m2 and total BUA of 84,409.42 m2.

Brief information of the proposal is as below:

|                            |                                                                                                                                        |                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Proposal Number            | SIA/MH/MIS/242464/2021                                                                                                                 |                                                                                |
| Name of Project            | Amendment in Proposed Residential project 'Nyati Evolve' at S. No.66/1B, Mundhwa, Taluka Haveli, Pune. By M/s. Nyati Geeta Associates. |                                                                                |
| Project category           | 8(a) Building & construction projects                                                                                                  |                                                                                |
| Type of Institution        | Private                                                                                                                                |                                                                                |
| Project Proponent          | Name                                                                                                                                   | Shri. Piyush Nitin Nyati                                                       |
|                            | Regd. Office address                                                                                                                   | S. No. 103, Plot No. 129, 5th floor, Nyati Unitree, Nagar Road, Yerwada, Pune. |
|                            | Contact number                                                                                                                         | +91-20-66863333.                                                               |
|                            | e-mail                                                                                                                                 | <a href="mailto:sanctioning@nyatigroup.com">sanctioning@nyatigroup.com</a>     |
| Consultant                 | Vk:eEnvironmental LLP, Pune.                                                                                                           |                                                                                |
| Applied for                | Amendment project.                                                                                                                     |                                                                                |
| Details of previous EC     | SEIAA-EC-0000001637 date: 25 <sup>th</sup> June 2019.                                                                                  |                                                                                |
| Location of the project    | S. No.66/1B, Mundhwa, Taluka Haveli, Pune.                                                                                             |                                                                                |
| Latitude and Longitude     | Latitude: 18o 31' 18.27'' N<br>Longitude: 73o55'20.48'' E                                                                              |                                                                                |
| Total Plot Area (m2)       | 8632.00 m2                                                                                                                             |                                                                                |
| Deductions (m2)            | D.P. road widening 824.00 + DP reservation area (PG101) 994.41+ Amenity 27.59= 1846sq.m.                                               |                                                                                |
| Net Plot area (m2)         | 6785.77                                                                                                                                |                                                                                |
| Proposed FSI area (m2)     | 26,651.78                                                                                                                              |                                                                                |
| Proposed Non-FSI area (m2) | 14,208.25                                                                                                                              |                                                                                |
| Proposed TBUA (m2)         | 40860.03                                                                                                                               |                                                                                |

Secretary, SEAC-3

Chairman, SEAC-3

|                                                                                                                                                                                       |                                                                                                                                                                       |            |                                                                                      |                     |            |                                                                                         |                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------|---------------------|------------|-----------------------------------------------------------------------------------------|----------------------------------|
| TBUA (m2) approved by Planning Authority till date                                                                                                                                    |                                                                                                                                                                       |            | 37374.34 sqm (sanction layout no. 88/0038/21 dated 6 April 2021)                     |                     |            |                                                                                         |                                  |
| Ground coverage (m2) & %                                                                                                                                                              |                                                                                                                                                                       |            | 1324.14sq.mt. & 19.43%                                                               |                     |            |                                                                                         |                                  |
| Total Project Cost (Rs.)                                                                                                                                                              |                                                                                                                                                                       |            | 85.61 Cr.                                                                            |                     |            |                                                                                         |                                  |
| CER as per MoEF& CC circular dated 01/05/2018                                                                                                                                         |                                                                                                                                                                       |            | Activity                                                                             |                     | Location   | Cost (Rs.)                                                                              | Duration                         |
|                                                                                                                                                                                       |                                                                                                                                                                       |            |                                                                                      |                     |            |                                                                                         |                                  |
| Details of Building Configuration:<br><Please use following legends: Floor = F, Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh> |                                                                                                                                                                       |            |                                                                                      |                     |            |                                                                                         | Reason for Modification / Change |
| Previous EC / Existing Building                                                                                                                                                       |                                                                                                                                                                       |            | Proposed Configuration                                                               |                     |            |                                                                                         |                                  |
| Building Name                                                                                                                                                                         | Configuration                                                                                                                                                         | Height (m) | Building Name                                                                        | Configuration       | Height (m) | Amendment Project. 1 Number of building is added and building configuration is changed. |                                  |
| A                                                                                                                                                                                     | 3B+GR+MEZ+PD+20                                                                                                                                                       | 69.75      | A1                                                                                   | 2B+GR+Mez+28 floors | 89.10      |                                                                                         |                                  |
| B                                                                                                                                                                                     | 3B+GR+MEZ+PD+20                                                                                                                                                       | 69.75      | A2                                                                                   | 2B+GR+Mez+28 floors | 89.10      |                                                                                         |                                  |
|                                                                                                                                                                                       |                                                                                                                                                                       |            | B                                                                                    | 2B+P+7 Floors       | 23.20      |                                                                                         |                                  |
| Total number of tenements                                                                                                                                                             |                                                                                                                                                                       |            | Residential Flats :287 nos.<br>Commercial Shops: 17 nos.                             |                     |            |                                                                                         |                                  |
| Total number of Population                                                                                                                                                            |                                                                                                                                                                       |            | Residential users :1512 nos.<br>Commercial users: 229 nos.<br><b>Total:1741 nos.</b> |                     |            |                                                                                         |                                  |
| Water Budget                                                                                                                                                                          | Dry Season (CMD)                                                                                                                                                      |            | Wet Season (CMD)                                                                     |                     |            |                                                                                         |                                  |
|                                                                                                                                                                                       | Fresh Water                                                                                                                                                           | 140        | Fresh Water                                                                          | 140                 |            |                                                                                         |                                  |
|                                                                                                                                                                                       | Recycled for landscape                                                                                                                                                | 5          | Recycled for landscape                                                               | 00                  |            |                                                                                         |                                  |
|                                                                                                                                                                                       | Swimming Pool                                                                                                                                                         | 00         | Swimming Pool                                                                        | 00                  |            |                                                                                         |                                  |
|                                                                                                                                                                                       | Flushing                                                                                                                                                              | 79         | Flushing                                                                             | 79                  |            |                                                                                         |                                  |
|                                                                                                                                                                                       | Total                                                                                                                                                                 | 224        | Total                                                                                | 219                 |            |                                                                                         |                                  |
|                                                                                                                                                                                       | Wastewater Generation                                                                                                                                                 | 193        | Wastewater generation                                                                | 193                 |            |                                                                                         |                                  |
| Water Storage Capacity for Firefighting / UGT                                                                                                                                         | Firefighting - Underground water tank:1 tank of 200 KLD<br>Firefighting - Overhead water tank: 2 nos. of tanks of capacity 10KLD and 1 no of tank of capacity 25 KLD. |            |                                                                                      |                     |            |                                                                                         |                                  |

Secretary, SEAC-3

Chairman, SEAC-3

|                                                  |                                          |                                                                                                                                                                            |                                                                                                                                           |
|--------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Source of water                                  | Pune Municipal Corporation.              |                                                                                                                                                                            |                                                                                                                                           |
| Rainwater Harvesting (RWH)                       | Level of the Ground water table:         | Below 13m                                                                                                                                                                  |                                                                                                                                           |
|                                                  | Size and no of RWH tank(s) and Quantity: | NA                                                                                                                                                                         |                                                                                                                                           |
|                                                  | Quantity and size of recharge pits:      | 3 no of recharge pits with pit size (2 no. of recharge pits on ground and 1 no. of recharge pit on surface) 1.2mx1.2mx2.5m, 160-meter Diameter and 30m depth on an average |                                                                                                                                           |
|                                                  | Details of UGT tanks if any:             | NA                                                                                                                                                                         |                                                                                                                                           |
| Sewage and Wastewater                            | Sewage generation in KLD                 | 193                                                                                                                                                                        |                                                                                                                                           |
|                                                  | STP technology:                          | MBBR                                                                                                                                                                       |                                                                                                                                           |
|                                                  | Capacity of STP KLD:                     | STP Capacity–200                                                                                                                                                           |                                                                                                                                           |
| Solid Waste Management during Construction Phase | Type                                     | Quantity (kg/d)                                                                                                                                                            | Treatment / disposal                                                                                                                      |
|                                                  | Dry waste:                               | 8 kg/day                                                                                                                                                                   | The maximum construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads. |
|                                                  | Wet waste:                               | 12 kg/day                                                                                                                                                                  |                                                                                                                                           |
|                                                  | Construction waste                       | 20 kg/day                                                                                                                                                                  |                                                                                                                                           |
| Solid Waste Management during Operation Phase    | Type                                     | Quantity (kg/d)                                                                                                                                                            | Treatment / disposal                                                                                                                      |
|                                                  | Dry waste:                               | 330                                                                                                                                                                        | Handed over to authorize recycler for further handling & disposal purpose.                                                                |
|                                                  | Wet waste:                               | 472                                                                                                                                                                        | Wet waste will be treated in onsite organic waste converter machine.                                                                      |
|                                                  | Hazardous waste:                         | NA                                                                                                                                                                         | NA                                                                                                                                        |
|                                                  | Biomedical waste                         | NA                                                                                                                                                                         | NA                                                                                                                                        |
|                                                  | E-Waste                                  | 2.70kg/day                                                                                                                                                                 | Handed over to authorized recyclers for further handling & disposal purpose.                                                              |
|                                                  | STP Sludge (dry)                         | 19.3 kg/day                                                                                                                                                                | Will be used as manure                                                                                                                    |
| Green Belt Development                           | Total RG area (m2):                      | 681.34                                                                                                                                                                     |                                                                                                                                           |
|                                                  | Existing trees on plot:                  | 10 no.                                                                                                                                                                     |                                                                                                                                           |
|                                                  | Number of trees to be planted:           | 85 new trees + 100                                                                                                                                                         |                                                                                                                                           |

Secretary, SEAC-3

Chairman, SEAC-3

|                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                   |                                                                                                                             |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                   | compensatory = 185 nos.                                                                                                     |
|                                                                | Number of trees to be cut:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   | 10 trees.                                                                                                                   |
|                                                                | Number of trees to be transplanted:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                   | 00                                                                                                                          |
|                                                                | Total No. of Proposed trees                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                   | 185                                                                                                                         |
| Power requirement:                                             | Source of power supply:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   | MSEDCL                                                                                                                      |
|                                                                | During Construction Phase (Demand Load):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                   | 30 KW                                                                                                                       |
|                                                                | During Operation phase (Connected load):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                   | 2241KVA                                                                                                                     |
|                                                                | During Operation phase (Demand load):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   | 1254 KVA                                                                                                                    |
|                                                                | Transformer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   | 2 no. of 630 KVA.                                                                                                           |
|                                                                | DG set:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   | 320 KVA – 2 Nos. - For Wing A1 & A2. (During Operation Phase), 40 KVA – 1 No. – for MHADA Wing B. (During Operation Phase). |
|                                                                | Fuel used:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   | HSD                                                                                                                         |
| Details of Energy saving                                       | <p>Solar Water Heating Systems Will Be Done for Bathrooms.</p> <p>Solar lights will be provided for common amenities like Street lighting &amp; Garden lighting.</p> <p>CFL &amp; LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.</p> <p>Auto Timer Switches will be provided for Street lights, Garden lights, Parking &amp; staircase Lights &amp; Other Common Area Lights, for saving electrical energy.</p> <p>Water Level Controllers with Timers will be Used for Water Pumps.</p> <p>To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps &amp; LED Lights.</p> <p><b>Detail calculations &amp; % of saving: - 14.53%</b></p> |                                                                                   |                                                                                                                             |
| Environmental Management plan budget during Construction phase | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Details                                                                           | Cost (Rs.)                                                                                                                  |
|                                                                | Air Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Erosion control – dust suppression measures, barricading and topsoil preservation | 1.65                                                                                                                        |
|                                                                | Land                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Labor Camp toilets & sanitation                                                   | 4.8                                                                                                                         |
|                                                                | Health and Safety                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Labor Safety Equipment's and training                                             | 4                                                                                                                           |
|                                                                | Health facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Disinfection and Health Check-ups                                                 | 0.66                                                                                                                        |
|                                                                | Environment Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Environment management cell                                                       | 1.75                                                                                                                        |

Secretary, SEAC-3

Chairman, SEAC-3

|                                                                   |                                   |                                   |                 |                        |
|-------------------------------------------------------------------|-----------------------------------|-----------------------------------|-----------------|------------------------|
|                                                                   | Environment Management            | Environmental Monitoring          | 3.26            |                        |
| Environmental Management plan<br>Budget during<br>Operation phase | Component                         | Details                           | Capital (Rs.)   | O&M (Rs. /Y)           |
|                                                                   | Sewage Treatment Plant            | Sewage Treatment Plant            | 29,85,000 /-    | 15,70,449 /-           |
|                                                                   | Solid Waste Management            | Solid Waste Management            | 14,13,440/-     | 3,54,600/-             |
|                                                                   | Bio-medical Waste Management      | Bio-medical Waste Management      | 1,00,000/-      | -                      |
|                                                                   | Landscaping                       | Landscaping                       | 8,82,867 /-     | 1,84,313/-             |
|                                                                   | Rainwater Harvesting              | Rainwater Harvesting              | 3,00,000/-      | 30,000/-               |
|                                                                   | Environmental Monitoring          | Environmental Monitoring          | -               | 1,85,000/-             |
|                                                                   | Solar Hot water & Solar PV system | Solar Hot water & Solar PV system | 48,70,000/-     | 97,400 /-              |
|                                                                   | Lightening Arrester Cost          | Lightening Arrester Cost          | 1,80,000/-      | -                      |
| Traffic Management                                                | Type                              | Required as per DCR               | Actual Provided | Total parking Area(m2) |
|                                                                   | 4-Wheeler                         | 293                               | 421             | 9832.75 sqm.           |
|                                                                   | 2-Wheeler                         | 768                               | 494             |                        |
|                                                                   | Cycles                            | 243                               | 243             |                        |

PP stated that, they have received earlier EC vide letter dated 25.06.2019 for total built up area 35098.50 Sq.m (FSI area = 17537.75 m<sup>2</sup> , Non FSI = 17560.75 m<sup>2</sup>) comprising Building A & B - 3B+GR+MEZ+PD+20 floors. PP further stated that, due to addition of 1 building B and some building design changes accordingly, they have applied for amendment in EC for total built up area 40860.03 Sq.mt. PP has submitted six Monthly compliance reports to Regional office MoEFCC, Nagpur, however Certified Compliance report is not received.

PP stated that, the earlier proposal was submitted as per Form 4 but due to Circular issued by SEIAA vide letter dated 29/11/2021 regarding processing applications under the category amendment/expansion, the present proposal is re submitted accordingly, PP further stated that, There is no change in the both applications.

The project was earlier discussed in 119h SEAC meeting and the project was referred to SEIAA with following observations,

**Secretary, SEAC-3**

**Chairman, SEAC-3**

*“Committee noted that, as per Architect’s certificate submitted by PP, they have constructed A1 building- 2B+GR+ MEZ+2 floors and A2 building- 2B+GR+ MEZ+8 floors instead of approved building profile A building- 3B+GR+ MEZ+PD+20 floors, B building- 3B+GR+ MEZ+PD+20 floors. It is also noted that, the place of the buildings also changed from the submitted plan. After detailed deliberation & considering the above said changes in the approved building profile, committee is of the opinion that, prima facie, It is a case of violation of EIA Notification. The expansion/amendment proposal therefore cannot be appraised and is liable for rejection. Committee also noticed that, the PP has not submitted their application as per Notification issued by MoEF & CC dated 14.03.2017 for violation cases, hence Committee decided to refer the application to SEIAA for further necessary action.”*

SEIAA considered the application in 228<sup>th</sup> meeting of SEIAA held on 18<sup>th</sup> August 2021 the deliberations and decision of SEIAA is

*PP further submitted that, one entire basement level under buildings A & B, now named as Buildings A1 & A2, has been eliminated to allow better facilitation of evacuation of vehicles, better parking convenience and less construction of ramps, driveways etc. PP also submitted that they felt that reducing the level of basement will be a reduction in excavated debris and thus reduction of the overall environmental impact, they progressed with construction despite the reduction. PP again submitted that reduction in basement level also ensured that vehicles are evacuated faster in case of emergency and operational energy for lighting and ventilating the third level of basement will be reduced for the future occupants, thereby also having energy saving benefits. However, considering the parking requirements, PP has proposed an extension to the already constructed basement levels under A1 and A2, in amendment proposal for EC dated 25th June 2019. This extension has not been constructed on site. Additionally, the Building B (MHADA), is being proposed separately in Amendment proposal for EC. The construction for Building B is not initiated. Further, due to the above changes, PP required to change the location & capacities of the proposed Environmental Services for which EC was granted. This change is proposed in amendment to EC application. No construction has been initiated for the said Environmental Services on project site.*

*PP further stated that there is no change in the Building Footprint Area between the EC granted to them vide EC dated 25.06.2019 and what is constructed on project site. PP requested to not treat this project as a Potential Violation.*

*PP also submitted the letter dated 19.08.2021 and submitted that, there is a proposal considered in 203<sup>rd</sup> meeting of SEIAA at S.no 14 in which deviation made within the limit of BUA without increase in tenements has not been considered as violation by the SEIAA. The Minutes of the said meeting are as- The EIA Notification, 2006 dated 14.09.2006 has laid down threshold area and the limits for consideration of proposals of building construction under B2 category. Accordingly, when Environment Clearance was already granted once for a specified Built Up Area (BUA), and afterwards Project proponent comes for amendment/expansion, the area for which Environment Clearance is granted is the primary factor in deciding amendment/ expansion. The configuration of buildings submitted for Environment Clearance may vary sometimes, but so long as it is within the limit of area for which Environment Clearance was given, appraisal should be done to determine whether the environmental requirements/ parameters are met. Such proposals cannot be considered as violation in terms of the EIA notification, in case Environment Clearance was granted for a larger area. However, adequacy of environmental requirements/stipulations should be appraised by the SEAC before considering grant of Environment Clearance for amendment/expansion.*

*PP submitted that, the same precedent may be applied to this case.*

*SEIAA deliberated and noted that, Construction done on site is within the BUA approved vide earlier EC. 2 basement will cause less environmental impact to mother earth than 3 basements. SEIAA also noted that, PP has submitted vide letter dated 19.08.2021 that, "Parking being proposed is meeting new DCPR norms."*

*In the view of above, SEIAA is of the opinion that the proposal may not be considered as violation of earlier EC. SEIAA after deliberation decided to refer back the Proposal for appraisal. SEIAA after deliberation decided to refer back the Proposal for appraisal.*

Further SEAC 3 appraised the project from environmental angle and the case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b) B2.

**During discussion following points emerged:**

1. PP to submit Ro Certified compliance report.
2. PP to provide Sewer trap connection to sewerage line with drop arrangement.
3. PP to abide all conditions mentioned in HT line NOC issued by MSETCL..
4. PP to provide minimum 30% of total parking arrangement with electric charging facility by providing charging points at suitable places.
5. PP to ensure that, the water proposed to use for construction phase should not be drinking water. They can use recycled water or tanker water for proposed construction.

**Decision: -**

**After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.**

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|     |      |                            |                 |
|-----|------|----------------------------|-----------------|
| 21. | P-21 | SIA/MH/MIS<br>/139871/2020 | Solitaire Palms |
|-----|------|----------------------------|-----------------|

**PP requested for Withdrawal of the Project due to Change in Planning.**

**Decision: -**

**After deliberation, Committee decided to recommend the proposal to SEIAA to allow PP to withdraw the Proposal.**

.....

Secretary, SEAC-3

Chairman, SEAC-3