

Agenda of 97th SEAC-2 Day-1 meeting held on 24th April, 2019

SEAC Meeting number: 97 Meeting Date April 24, 2019

Discussion Item-

Committee noted & discussed the emails received regarding some of the projects listed on the Agenda. The Committee apprises the project as per EIA Notification, 2006 & amendment and Notifications/OMs/Circulars issued from time to time. All Environmental issues including issues raised in the emails are being discussed during the appraisal as per applicability.

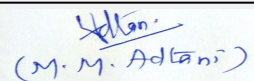
SEAC-AGENDA-0000000254



**Mr. Surykant Nikam
(Secretary SEAC-II)**

**SEAC Meeting No: 97 Meeting Date: April 24,
2019**

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**Shri M.M.Adtani (Chairman
SEAC-II)**


Agenda of 97th SEAC-2 Day-1 meeting held on 24th April, 2019

SEAC Meeting number: 97 Meeting Date April 24, 2019

Subject: Environment Clearance for Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.) , 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 8 Societies by M/s. Omkar Realtors Projects Pvt. Ltd.

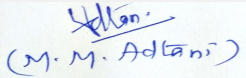
Is a Violation Case: No

1.Name of Project	Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.) , 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 8 Societies by M/s. Omkar Realtors Projects Pvt. Ltd.
2.Type of institution	TOR
3.Name of Project Proponent	M/s Omkar Realtors Projects Pvt Ltd.
4.Name of Consultant	Building Environment India (Pvt.) Ltd.
5.Type of project	SRA scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes 9th August, 2017
8.Location of the project	Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.) , 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 8 Societies by M/s. Omkar Realtors Projects Pvt. Ltd.
9.Taluka	Mumbai
10.Village	Dhobighat
Correspondence Name:	M/s Omkar Realtors Projects Pvt Ltd
Room Number:	NA
Floor:	6th Floor
Building Name:	Omkar House
Road/Street Name:	Opp. Sion- Chunnabhatti Signal
Locality:	Off Eastern Express Highway
City:	Sion (E)-400022 Mumbai, Maharashtra
11.Area of the project	Yes Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 14.06.2018 IOD/IOA/Concession/Plan Approval Number: Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 14.06.2018 Approved Built-up Area: 163182.34
13.Note on the initiated work (If applicable)	Work has been initiated as per Prior Environmental clearance received dtd. 9th August, 2017
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 14.06.2018
15.Total Plot Area (sq. m.)	47593.57 Sq. mt.
16.Deductions	9836.73 Sq.mt.
17.Net Plot area	37756.84 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 322840.9 Sq. mt.
	b) Non FSI area (sq. m.): 420203.61 Sq. mt.
	c) Total BUA area (sq. m.): 743044.51


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18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 1,63,182.34
	Approved Non FSI area (sq. m.): 2,82,189.60
	Date of Approval: 14-06-2018
19.Total ground coverage (m2)	24102.94 Sq. mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	59.61%
21.Estimated cost of the project	37360000000

22.Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Bldg. No. 1	Gr. + 42nd (Pt.) Upper Floors	125.05
2	Rehab Bldg. No. 2	GR + 32nd (Pt.) Floors	96.85
3	Reservation Building No. 1	Gr. + 6th upper Floors	27.75
4	Reservation Building No. 2	Gr. + 4th upper Floors	19.95
5	Tower 1 (South)	2 Lower Ground + Gr.+ 1st to 8th Podium + 9th & 9th A Amenity Floor+/Clubhouse 1st to 65th Upper Floor	246.40
6	Tower-2 (Central)	2 Lower Ground + Gr.+ 1st to 8th Podium + 9th & 9th A Amenity Floor/Clubhouse + 1st to 65th Upper Floor	246.80
7	Tower-3 (North)	2 Lower Ground + Gr.+ 1st to 8th Podium + 9th & 9th A Amenity Floor/Clubhouse + 1st to 66th Upper Floor	250.00
8	Sale Building No. 2	3 Basement + Gr. + 1st to 8th Part Podium & Part Residential Floor & 9th Part Amenity/Clubhouse & Part Residential Floor + 1st to 57th Upper Floors	211.65

23.Number of tenants and shops	Rehab Bldg. No. 1 Residential: 2973 nos. R/C: 26 nos. Commercial: 118 nos. Existing Amenities (Society office & Temple): 13 nos. BWS /Community Hall/ Additional Amenity units: 81 nos.
	Rehab Bldg. No. 2 Residential: 172 nos. Commercial: 01 no. Existing Amenities (Society office & Temple): 6 nos. BWS /Community Hall/ Additional Amenity units: 06 nos.
	Sale Building No. 1 (Tower 1, Tower 2 & Tower 3) Residential: 1236 nos. Sale Building No. 2: Residential: 708 nos.
24.Number of expected residents / users	Rehab: 16212 nos. Sale: 9720 Nos. Total: 25932 Nos.
25.Tenant density per hectare	858.39 tenants per hectare
26.Height of the building(s)	


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27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	42.60 m wide Sane Guruji Road, 30.48 m wide Dr. E. Mosses Road, 18.30 m J.R. Boricha Marg & 12.20 m wide G.B. Sakpal Marg
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 m
29.Existing structure (s) if any	partly demolished slums
30.Details of the demolition with disposal (If applicable)	Existing slums partly demolished

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement


Dry season:	Source of water	M.C.G.M / RWH / STP Treated Sewage / Tanker (Swimming Pool makeup)
	Fresh water (CMD):	Rehab: 1437.66 Sale: 875 Total: 2312.66
	Recycled water - Flushing (CMD):	Rehab: 719 Sale: 437 Total:1156
	Recycled water - Gardening (CMD):	31
	Swimming pool make up (Cum):	Rehab: -- Sale: 46 Total: 46
	Total Water Requirement (CMD) :	Rehab: 2156 Sale: 1312 Total: 3499
	Fire fighting - Underground water tank(CMD):	Will be provided during EIA
	Fire fighting - Overhead water tank(CMD):	Will be provided during EIA
	Excess treated water	1789

Wet season:	Source of water	M.C.G.M / RWH / STP Treated Sewage / Tanker (Swimming Pool makeup)
	Fresh water (CMD):	Rehab: 1437.66 Sale: 875 Total: 2312.66
	Recycled water - Flushing (CMD):	Rehab: 719 Sale: 437 Total:1156
	Recycled water - Gardening (CMD):	--
	Swimming pool make up (Cum):	Rehab: -- Sale: 46 Total: 46
	Total Water Requirement (CMD) :	Rehab: 2156 Sale: 1312 Total: 3468
	Fire fighting - Underground water tank(CMD):	Will be provided during EIA
	Fire fighting - Overhead water tank(CMD):	Will be provided during EIA
	Excess treated water	1820
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed


Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 - 3 m below ground level
	Size and no of RWH tank(s) and Quantity:	Will be provided during EIA
	Location of the RWH tank(s):	Rehab: Below Ground Sale: Basement 2
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Will be provided during EIA
	Budgetary allocation (O & M cost) :	Will be provided during EIA
	Details of UGT tanks if any :	--


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35.Storm water drainage	Natural water drainage pattern:	The arrangement for disposal of SW through and from the plot as per the remarks of SW department, MCGM
	Quantity of storm water:	Will be provided during EIA
	Size of SWD:	Will be provided during EIA

Sewage and Waste water	Sewage generation in KLD:	3006
	STP technology:	MBBR
	Capacity of STP (CMD):	Will be provided during EIA
	Location & area of the STP:	Will be provided during EIA
	Budgetary allocation (Capital cost):	Will be provided during EIA
	Budgetary allocation (O & M cost):	Will be provided during EIA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Shall be done as per debris management plan
	Disposal of the construction waste debris:	Shall be done as per debris management plan
Waste generation in the operation Phase:	Dry waste:	Rehab Building: 3233 Kg/day, Sale Building: 1944 Kg/day
	Wet waste:	Rehab Building: 4783 Kg/day, Sale Building: 2916 Kg/day
	Hazardous waste:	Not quantified at this stage
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	30 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Shall be given to vendors
	Wet waste:	Shall be treated in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Shall be used as manure
	Others if any:	Shall be given to vendors
Area requirement:	Location(s):	Ground Level
	Area for the storage of waste & other material:	--
	Area for machinery:	Will be provided during EIA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Will be provided during EIA
	O & M cost:	Will be provided during EIA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		

43.Green Belt Development	Total RG area :	RG on ground- 3079.95 sq.m
	No of trees to be cut :	01
	Number of trees to be planted :	154
	List of proposed native trees :	Enclosed below
	Timeline for completion of plantation :	Till completion of project

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia pinnata	Karanj	16	Shady tree
2	Bauhinia racemosa	Apta	12	Small tree with small white flowers, butterfly host plant
3	Azadiracta indica	Neem	12	arge tree, good for roadside plantation

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4	Anthocephallus cadamba	Kadamb	12	Shadt, large deciduous tree, fast growing graceful tree, ball shaped flowers
5	Cassia fistula	Bhava	08	Medium sized deciduous tree, beautiful yellow flowers, Butterfly host plant
6	Saraca asoka	Sita Ashoka	12	Shady tree with red yellow flowers
7	Mimusops elengi	Bakul	16	Shady tree, small white fragrant flowers
8	Michalia champaca	Son chapa	12	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
9	Ficus retusa	Nandruk	12	Shady tree, good for roadside plantation
10	Butea monosperma	Palas	12	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
11	Albizia lebbeck	Shirish	12	Decidious tree

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Kaner	10	--
2	White plumbago (Chitrak)	5	--
3	Kusar/Ran jai	8	--
4	Krushna kamal	10	--

47.Energy

Power requirement:	Source of power supply :	BEST
	During Construction Phase: (Demand Load)	100kVA
	DG set as Power back-up during construction phase	Will be provided during EIA
	During Operation phase (Connected load):	Will be provided during EIA
	During Operation phase (Demand load):	Will be provided during EIA
	Transformer:	--
	DG set as Power back-up during operation phase:	Will be provided during EIA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	NA	

48.Energy saving by non-conventional method:

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External lighting will be provided on solar

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Rehab & Sale Building	Will be provided during EIA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water	Not applicable	STP
Soil and Land	Not applicable	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Will be provided during EIA
	O & M cost:	Will be provided during EIA


51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling System	Will be provided during EIA
2	Water Environment	Water for construction works and mobile toilets.	Will be provided during EIA
3	Noise Environment	Site Barricading	Will be provided during EIA
4	Land environment	Mobile STP	Will be provided during EIA
5	Socio- economic environment	Disinfection- pest control	Will be provided during EIA
6	Socio- economic environment	first aid facilities	Will be provided during EIA
7	Socio- economic environment	Health check up	Will be provided during EIA
8	Socio- economic environment	Personal protective equipment	Will be provided during EIA
9	Socio- economic environment	Personal protective equipment	Will be provided during EIA
10	External infrastructure	Laydown of sewerline upto municipal existing sewerline	Will be provided during EIA
11	--	--	--

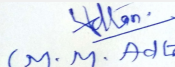
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	RWH	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA
2	OWC	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA
3	STP	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA
4	Energy	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA


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5	Landscaping	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA
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51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)


Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

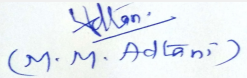
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	42.60 m wide Sane Guruji Road, 30.48 m wide Dr. E. Mosses Road, 18.30 m J.R. Boricha Marg & 12.20 m wide G.B.Sakpal Marg
Parking details:	Number and area of basement:	Sale bldg. 1 (Tower 1, 2 & 3): 2 nos. Lower Ground and area = 20784.88 sq.mt.; Sale bldg. 2: 3 nos. Basement and area = 17279.13 sq.mt.
	Number and area of podia:	Sale bldg. 1 (Tower 1, 2 & 3): 9 nos. podium = 122118.27 sq.mt.; Sale bldg. 2: 9 nos. podium = 25187.68 sq.mt.
	Total Parking area:	Rehab Building: 419 Nos.; Sale Building no. 1 (Tower 1, 2 & 3): 2128 Nos.; Sale Building no. 2: 885 Nos.
	Area per car:	Basement: 32 m2 Podium: 28 m2
	Area per car:	Basement: 32 m2 Podium: 28 m2
	Number of 2-Wheelers as approved by competent authority:	Nil
	Number of 4-Wheelers as approved by competent authority:	Rehab Building: 419 Nos.; Sale Building no. 1 (Tower 1, 2 & 3): 2128 Nos.; Sale Building no. 2: 885 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	Min 6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 b B


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	Court cases pending if any	There are no court cases pending with respect to environmental compliance.
	Other Relevant Informations	The details provided are as per the full potential of the project anticipating the future expansions.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	24-10-2017

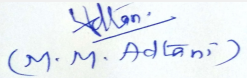
TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
Subject:	Environment Clearance for Proposed amalgamated Slum Rehabilitation Scheme on plot bearing C.S. No. 1(pt),2(pt) & 3(pt) of lower parel Division, in G/South ward at G.B. Sakpal Marg and Sane Guruji Road, Dhobighat, Satrasta,Mumbai 400011 for "Shree Sai Baba Nagar SRA Co-op. Hsg. Soc. (Prop.) & other 7 societies. by M/s. Omkar Realtors Projects Pvt Ltd.	Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.), 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 7 Societies by M/s. Omkar Realtors Projects Pvt Ltd.
1.Name of Project	Proposed amalgamated Slum Rehabilitation Scheme on plot bearing C.S. No. 1(pt), 2(pt) & 3(pt) of lower parel Division, in G/South ward at G.B. Sakpal Marg and Sane Guruji Road, Dhobighat, Satrasta, Mumbai 400011 for "Shree Sai Baba Nagar SRA Co-op. Hsg. Soc. (Prop.) & other 7 societies. by M/s. Omkar Realtors Projects Pvt Ltd.	Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.), 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 7 Societies by M/s. Omkar Realtors Projects Pvt Ltd.
2.Type of institution	ToR	Private
6.New project/ expansion in existing project/modernization/ diversification in existing project	Amendment in approved Terms of Reference	Expansion
11.Area of the project	Municipal Corporation of Greater Mumbai	42,542.79
12.IOD/ IOA/ Concession/ Plan Approval Number	Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 104.06.2018 IOD/IOA/Concession/Plan Approval Number: Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 104.06.2018 Approved Built-up Area: 163182.34	SRA/ENG/2800/GS/ML/LOI dtd. 25.01.2018 Approved Built-up Area: 163182.34
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 104.06.2018	SRA/ENG/2800/GS/ML/LOI dtd. 25.01.2018



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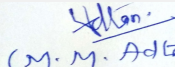

(M. M. Adtani)
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16.Deductions	--	14,993.80
17.Net Plot area	--	27,548.99
18.(a) Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Non FSI area (sq. m.): Total BUA area (sq. m.):	FSI area (sq. m.): 1,63,182.34 Non FSI area (sq. m.): 2,82,189.60 Total BUA area (sq. m.): 4,45,371.94
18 (b). Approved Built up area as per DCR	Approved FSI area (sq. m.): -- Approved Non FSI area (sq. m.): -- Date of Approval: --	Approved FSI area (sq. m.): 1,63,182.34 Approved Non FSI area (sq. m.): 2,82,189.60 Date of Approval: 25.01.2018
19.Total ground coverage (m2)	27680.14	15516.90
26.Height of the building(s)	--	Rehab Bldg. No. 1:123.10 m Rehab Bldg. No. 2: 93.95 m Tower 1 (South): 247.40 m Tower-2 (Central): 178.35 m Tower-3 (North):39.60 m
29.Existing structure (s) if any	Nil	Partly slum area
30.Details of the demolition with disposal (If applicable)	--	Existing slums partly demolished
32. Total Water Requirement	--	--
Dry season	--	--
Source of water	M.C.G.M	M.C.G.M / STP Treated Sewage / Tanker (Swimming Pool makeup)
Fresh water (CMD):	1564.00	Rehab: 1193 Sale: 298 Total:1491
Recycled water - Flushing (CMD):	795.00	Rehab: 628 Sale: 153 Total:781
Recycled water - Gardening (CMD):	289.00	Rehab: 39 Sale: 8 Total:47
Swimming pool make up (Cum):	--	Rehab: -- Sale: 46 Total: 46
Total Water Requirement (CMD):	2648.00	Rehab: 1860 Sale: 505 Total:2365
Firefighting - Underground water tank (CMD)	--	Rehab 1: 2x200; Rehab 2: 200; Sale:200
Firefighting - Overhead water Tank (CMD)	--	Rehab 1: 1x20; 1x30; Rehab 2: 10; Sale:10
Excess treated water	872.00	Rehab: 872 Sale: 191 Total:1063
Wet season	--	--
Source of water	M.C.G.M	M.C.G.M / RWH / STP Treated Sewage / Tanker (Swimming Pool makeup)
Fresh water (CMD):	1564.00	Rehab: 1193 Sale: 298 Total:1491
Recycled water - Flushing (CMD):	795.00	Rehab: 628 Sale: 153 Total:781
Recycled water - Gardening (CMD):	--	--
Swimming pool make up (Cum):	--	Rehab: -- Sale: 46 Total: 46
Total Water Requirement (CMD):	2359.00	Rehab: 1821 Sale: 497 Total:2318



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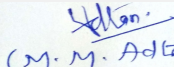

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Firefighting - Underground water tank (CMD)	--	Rehab 1: 2x200; Rehab 2: 200; Sale:200
Firefighting - Overhead water Tank (CMD)	--	Rehab 1: 1x20; 1x30; Rehab 2: 10; Sale:10
Excess treated water	1161.00	Rehab: 910 Sale: 200; Total:1110
34. Rain Water Harvesting (RWH)	--	--
Level of the Ground water table:	2 - 3 m below ground level	2 - 3 m below ground level
Size and no of RWH tank(s) and Quantity:	Rehab Building no. 1: 1 no. of RWH Tanks of total capacity 171 cum Rehab Building no. 2: 1 no. of RWH Tank of capacity 69 cum Sale Building no. 1: Tower 1: 1 no. of RWH Tanks of capacity 130 cum Tower 2: 1 no. of RWH Tanks of capacity 105 cum Tower 3: 1 no. of RWH Tanks of capacity 121 cum	Rehab Building no. 1: 1 no. of RWH Tanks of total capacity 171 cum Rehab Building no. 2: 1 no. of RWH Tank of capacity 69 cum Sale Building no. 1: Tower 1: 1 no. of RWH Tanks of capacity 135 cum Tower 2: 1 no. of RWH Tanks of capacity 117 cum Tower 3: 1 no. of RWH Tanks of capacity 135 cum
36. Sewage and Waste water	--	--
Sewage generation in KLD	Rehab Building no. 1: 1345 KLD Rehab Building no. 2: 356 KLD Sale Building no. 1 (Tower 1, 2 & 3): 455 KLD	Rehab Building no. 1: 1345 KLD Rehab Building no. 2: 356 KLD Sale Building no. 1 (Tower 1, 2 & 3): 391 KLD
STP technology	MBBR	MBBR
No. and Capacity of STP	Rehab Building no. 1: 1 STP of capacity 1350 KLD Rehab Building no. 2:1 STP of capacity 360 KLD Sale Building no. 1 (Tower 1, 2 & 3): 1 STP of capacity 464 KLD	Rehab Building no. 1: 1 STP of capacity 1350 KLD Rehab Building no. 2: 1 STP of capacity 360 KLD Sale Building no. 1 (Tower 1, 2 & 3): 1 STP of capacity 400 KLD
37.Solid waste Management	--	--
Waste generation in the Pre-Construction and Construction phase:	--	--
Waste generation:	Shall be done as per debris management plan	About 76577 cum of excavated materials will be generated. The project is a Slum Rehabilitation Scheme. Currently the land is partly covered by slum hutments. Large quantity of waste will be generated from the demolition activity. The total area to be demolished around 36,911.47 sq.mt.
Disposal of the construction waste debris:	Shall be done as per debris management plan	The areas has been designated for the temporary storage and after maximum utilization on site, remaining waste will be disposed as per C & D Waste Management Rule, 2016.
Waste generation in the operation Phase:	--	--
Dry waste	Rehab Building no. 1: 2042 Kg/day Rehab Building no. 2: 498 Kg/day Sale Building no. 1 (Tower 1, 2 & 3): 673 Kg/day	Rehab Building no. 1: 2042 Kg/day Rehab Building no. 2: 498 Kg/day Sale Building no. 1 (Tower 1, 2 & 3): 673 Kg/day
Wet waste	Rehab Building no. 1: 3063 Kg/day Rehab Building no. 2: 747 Kg/day Sale Building no. 1 (Tower 1, 2 & 3): 1011 Kg/day	Rehab Building no. 1: 3063 Kg/day Rehab Building no. 2: 747 Kg/day Sale Building no. 1 (Tower 1, 2 & 3): 1011 Kg/day
Hazardous waste	NA	Not quantified at this stage



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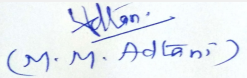

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Biomedical waste (If applicable)	NA	--
STP Sludge	113 Kg/day	Rehab: 113 Kg/day Sale: 40 Kg/day
Others if any	--	--
Mode of Disposal of waste:	--	--
Dry waste	Shall be given to vendors	Shall be given to vendors
Wet waste	Shall be treated in OWC	Shall be treated in OWC
Hazardous waste	NA	NA
Biomedical waste (If applicable)	NA	NA
STP Sludge	Shall be used as manure	Shall be used as manure
Others if any	NA	Shall be given to vendors
Area requirement:	--	--
Location (s)	Rehab Building no. 1: Ground Rehab Building no. 2: Ground Sale Building no. 1 (Tower 1, 2 & 3): Ground	Rehab Building no. 1: Ground Rehab Building no. 2: Ground Sale Building no. 1 (Tower 1, 2 & 3): Ground
Area for the storage of waste & other material	--	--
Area for machinery	--	Rehab: 100 sq.m Sale: 100 sq.m
44. Green Belt Development	--	--
Total RG area	RG on ground- 3449.29 sq.m. DP RG:2458.38 sq.m.	RG on ground- 3449.29 sq.m. DP RG:2458.38 sq.m.
No of trees to be cut	07	01
Number of new trees to be planted:	172	172
List of proposed native trees:	Enclosed below	Enclosed below
Timeline for completion of plantation	Till completion of project	Till completion of project
48. Energy	--	--
Power requirement	--	--
Source of power supply:	BEST	BEST
During Construction Phase: (Demand Load)	100kVA	100kVA
DG set as Power back-up during construction phase	--	3x350 kVA
During Operation phase (Connected load):	Rehab: 17794 KW Sale Building no. 1 (Tower 1, 2 & 3): 49841 KW	Rehab: 17794 KW Sale Building no. 1 (Tower 1, 2 & 3): 31695 KW
During Operation phase (Demand load):	Rehab: 9436 KW Sale Building no. 1 (Tower 1, 2 & 3): 10282 KW	Rehab: 9436 KW Sale Building no. 1 (Tower 1, 2 & 3): 10282 KW
Transformer:	--	--
DG set as Power back-up during operation phase	Rehab Building no. 1: 1*1250 kVA Rehab Building no. 2: 1*500 kVA Sale Building no. 1 (Tower 1, 2 & 3): 3x2000 kVA each	Rehab Building no. 1: 1*1250 kVA Rehab Building no. 2: 1*500 kVA Sale Building no. 1 (Tower 1, 2 & 3): Tower 1: 1*2500 kVA Tower 2: 1*2500 kVA Tower 3: 1*2000 kVA


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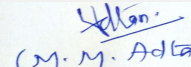
Fuel used:	HSD	HSD
Details of high-tension line passing through the plot if any:	NA	NA
49. Energy saving by non-conventional method:	--	External lighting will be provided on solar
50. Detail calculations & % of saving:	--	--
Energy Conservation Measures	--	By using LED Light In Common Area VFD For Lifts Highly efficient pump for Plumbing and STP Pumps External Lighting will be on Solar lighting system In Residential area Using combination of T5 along with BEE rated 3 Star equipments like Fan, AC, Geyser & other equipment. (Over all Savings)
Saving %	Rehab Building no. 1: 5% Rehab Building no. 2: 10% Sale Building no. 1 (Tower 1, 2 & 3): 12.2%	Rehab Building no. 1: 5% Rehab Building no. 2: 10% Sale Building no. 1 (Tower 1, 2 & 3): 0.5%
51. Details of pollution control Systems	--	--
Existing pollution control system	--	--
Source: Water	--	--
Sources : Soil & Land	--	--
Proposed to be installed	--	--
Source: Water	--	STP
Sources : Soil & Land	--	OWC
52. Environmental Management plan Budgetary Allocation	--	--
b) Operation Phase (with Break-up):	--	--
3 RWH Tanks	Capital cost Rs. in Lacs :R-1: 35, R-2: 14, S-1: 20; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 3.5, R-2: 1.4, S-1:0.2	Capital cost Rs. in Lacs :R-1: 35, R-2: 14, S-1: 20; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 3.5, R-2: 1.4, S-1:0.2
3 OWC	Capital cost Rs. in Lacs :R-1: 100, R-2: 30, S-1: 60; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 10, R-2: 3, S-1:6	Capital cost Rs. in Lacs :R-1: 100, R-2: 30, S-1: 60; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 10, R-2: 3, S-1:6
3 STP	Capital cost Rs. in Lacs :R-1: 1000, R-2: 300, S-1: 600; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 100, R-2: 30, S-1:60	Capital cost Rs. in Lacs :R-1: 1000, R-2: 300, S-1: 600; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 100, R-2: 30, S-1:60
Energy	Capital cost Rs. in Lacs :R-1: 110, R-2: 0.6, S-1: 0.8; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 1.10, R-2: 1.4, S-1:0.2	Capital cost Rs. in Lacs :R-1: 110, R-2: 0.6, S-1: 0.8; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 1.10, R-2: 1.4, S-1:0.2
Total	Capital cost Rs. in Lacs :R-1: 1245, R-2: 404, S-1: 760; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 114.6, R-2: 35, S-1:68.80	Capital cost Rs. in Lacs :R-1: 1245, R-2: 404, S-1: 760; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 114.6, R-2: 35, S-1:68.80
Landscaping	Capital cost Rs. in Lacs: 55.00; Operational and Maintenance cost (Rs. in Lacs/yr):10.89	Capital cost Rs. in Lacs: 55.00; Operational and Maintenance cost (Rs. in Lacs/yr):10.89
Total	Capital cost Rs. in Lacs: 2464; Operational and Maintenance cost (Rs. in Lacs/yr): 229.29	Capital cost Rs. in Lacs: 2464; Operational and Maintenance cost (Rs. in Lacs/yr): 229.29

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS


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Summorisid in brief information of Project as below.

Brief information of the project by SEAC

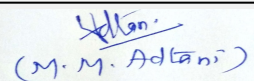
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Representative of PP was present during the meeting along with environmental consultant M/s. Building Environment India (Pvt.) Ltd.


PP informed that, the project under consideration is *proposed Expansion SRA scheme project*. PP further stated that, the total plot area of the project is 47593.57 Sq.mt. having total construction area 743044.51 Sq.mt.(FSI - 322840.9 sq.mt +NON FSI- Total - 420203.61 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Rehab Bldg. No. 1	Gr. + 42nd (Pt.) Upper Floors	125.05
Rehab Bldg. No. 2	GR + 32nd (Pt.) Floors	96.85
Reservation Building No. 1	Gr. + 6th upper Floors	27.75
Reservation Building No. 2	Gr. + 4th upper Floors	19.95
Tower 1 (South)	2 Lower Ground + Gr.+ 1st to 8 th Podium + 9th & 9th A Amenity Floor+/Clubhouse 1st to 65th Upper Floor	246.40
Tower-2 (Central)	2 Lower Ground + Gr.+ 1st to 8 th Podium + 9th & 9th A Amenity Floor/Clubhouse + 1st to 65th Upper Floor	246.80
Tower-3 (North)	2 Lower Ground + Gr.+ 1st to 8 th Podium + 9th & 9th A Amenity Floor/Clubhouse + 1st to 66th Upper Floor	250.00
Sale Building No. 2	3 Basement + Gr. + 1st to 8th Part Podium & Part Residential Floor & 9th Part Amenity/Clubhouse & Part Residential Floor + 1st to 57 th Upper Floors	211.65

PP stated that, the project received Environmental Clearance on 9th August, 2017 from SEIAA Maharashtra for B.U.A of 1,86,541.08 sq.mt comprising Rehab Building: 2 Basement+GR+39th (Pt.)Floors & Sale Building 3B + Gr/Stilt + 4 podium + 5th(Amenity Floor) + Service Floor +1st to 55th Upper Floors. As per EC, excavation for foundation and piling work is in progress. PP further stated that, the project was earlier considered in 84th & 94th meeting held on 7th January, 2019 & 2nd April, 2019 respectively. Considering the full plot potential, PP submitted the application for the amendment in the ToR.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006.

Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.


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DECISION OF SEAC

After discussion, Amendment in ToR was approved with following additional ToR in the same.

Specific Conditions by SEAC:

- 11) PP to submit the architect certificate for construction done on site with configurations & cross sections of buildings.
- 12) PP to submit wind analysis, traffic analysis, shadow analysis, light and ventilation analysis reports and measures to reduce heat island effect
- 13) PP to ensure to also comply ToR given by EAC, MoEF & CC
- 14) PP to submit comparative statement regarding assessment of Environment Impact as per earlier EIA, Actual and impact due to proposed expansion
- 15) PP shall operate and maintain Environmental Management Facilities (EMF) including STP & fire- fighting system for 5 years after giving possession and shall also generate corpus fund for next 5 years.
- 16) PP to submit & upload the design & cross section of STPs indicating minimum 40% area open to sky for adequate ventilation.
- 17) PP to ensure ECBC norms are complied.
- 18) PP to submit & upload wind analysis, shadow analysis, traffic analysis with regional carrying capacity, light and ventilation analysis and measures to reduce heat island effect.
- 19) PP to submit CER as per MoEF & CC circular dated 1.5.2018 relevant to the area and people around the project.
- 20) PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above
- 21) Committee approved the ToR which is valid upto 24/4/2022.

FINAL RECOMMENDATION

The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.

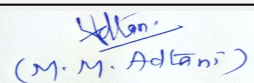
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**Shri M.M.Adtani (Chairman
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Agenda of 97th SEAC-2 Day-1 meeting held on 24th April, 2019

SEAC Meeting number: 97 Meeting Date April 24, 2019

Subject: Environment Clearance for Expansion of Residential and Commercial project on Plot bearing CTS No. 4/2 (Sector IV), 25/A/2 (Sector VII), 16, 18, 19, 20, 21, 22 (Sector XI), 10, 11, 14-B, 14-C, 16-A, 17, 18, 19 (Sector V), 28/A & 28/B, 22/3, 22/6, 20 (pt) & 22 (pt), 18 (pt), 19 (pt) (Sector XI-A) at Powai, 11/A at Chandivali, 24/A at Tirandaz, 13-A/1/1A(PT.), 14C (PT.) & 16 A (PT.) (Sector-VI-A) & 11B/4 (Sector-XIV) Mumbai, Maharashtra by HGP Community Pvt. Ltd. (Formerly known as Lake View Developers)

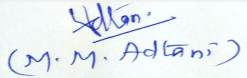
Is a Violation Case: No

1.Name of Project	HGP COMMUNITY PRIVATE LIMITED (Formerly known as Lake view Developers)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Bhagwan Patil
4.Name of Consultant	Dr. D. A. Patil ; Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, EC was obtained vide No. SEAC-2013/CR-97/TC.1 dated 10.04.2014 for the Plot area 9,81,004.98 m2, having FSI area 3,39,089.76 m2 and total construction area 7,26,493.67 m2.
8.Location of the project	Plot bearing CTS No. 4/2 (Sector IV), 25/A/2 (Sector VII), 16, 18, 19, 20, 21, 22 (Sector XI), 10, 11, 14-B, 14-C, 16-A, 17, 18, 19 (Sector V), 28/A & 28/B, 22/3, 22/6, 20 (pt) & 22 (pt), 18 (pt), 19 (pt) (Sector XI-A) at Powai, 11/A at Chandivali, 24/A at Tirandaz, 13-A/1/1A(PT.), 14C (PT.) & 16 A (PT.) (Sector-VI-A) & 11B/4 (Sector-XIV) Mumbai, Maharashtra by HGP Community Pvt. Ltd. (Formerly known as Lake View Developers)
9.Taluka	-
10.Village	Powai, Chandivali, Tirandaz Mumbai
Correspondence Name:	HGP COMMUNITY PRIVATE LIMITED (Formerly known as Lake view Developers)
Room Number:	-
Floor:	-
Building Name:	Olympia Central Avenue
Road/Street Name:	-
Locality:	Hiranandani Business Park
City:	Powai, Mumbai - 400076
11.Area of the project	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	CE/192/BPES/AS dated 28/03/2018 IOD/IOA/Concession/Plan Approval Number: CE/192/BPES/AS dated 28/03/2018 Approved Built-up Area: 661914.78
13.Note on the initiated work (If applicable)	The construction is going on as per EC received vide No. SEAC-2013/CR-97/TC.1 dated 10.04.2014
14.LOI / NOC / IQD from MHADA/ Other approvals (If applicable)	To be applied
15.Total Plot Area (sq. m.)	10,07,620.00 m2
16.Deductions	2,13,955.21 m2
17.Net Plot area	7,91,397.6 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 5,35,372.08 m2 b) Non FSI area (sq. m.): 5,34,061.04 m2 c) Total BUA area (sq. m.): 1069433.12
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 3,49,859.40 m2 Approved Non FSI area (sq. m.): 3,12,055.38 m2 Date of Approval: 28-03-2018
19.Total ground coverage (m2)	1,85,312.18 m2


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20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.41%
21.Estimated cost of the project	3225000000

22.Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Belicia	3B + St + Pod + 1st to 30th Floor	102.45
2	Adalia (Wing A & B)	3B + St + 1st to 31st Floor	102.55
3	Adalia (Wing C & D)	3B + St + 1st to 31st Floor	102.55
4	Tamara	3B + St + 1st to 31st Floor	102.55
5	Bianca	3B + St + 1st to 29th Floor	96.35
6	Atlantis (Wing A & B)	2B + St + 4 Pod +1st to 27th Floor	88.35
7	Atlantis (Wing C)	2B + St + 4 Pod +1 to 28th Floor	91.35
8	Maple	B + St + Pod +2nd to 17th Floor	54.15
9	Hill Grange	1B + St +1st to 22nd Floor	68.80
10	Huntsman (Castle rock) (Wing A & B)	B + St + 4 Pod + 5th to 22nd Floor	60.15
11	Huntsman (Castle rock) (Wing C & D)	3B + St + 1st to 19th Floor	69.15
12	Sorrento	2B + Gr +1st to 22nd Floor	69.75
13	Regent hill	3B + St + 1st to 23rd Floor	69.80
14	Highland	2B + St + 1st to 22nd Floor	69.95
15	Adonia II (Amber)	3B + Gr+ 1st to 27th Floor	85.35
16	Empress Hill	2B + St + 1st to 22nd Floor	69.95
17	G4 Commercial	2B +St + 1st To 14th Floor	55.80
18	Residential Building	2B + St + 1st to 22nd Floor	69.95
19	Community Center	2B + Gr + 1st to 2nd Floor	13.20
20	Already Constructed Buildings	-	-
21	Glen Ridge	Lower St + Upper St + 1 Pod 2nd to 31st Floor	105.15
22	Knowledge Park	2B + Gr+1st to 12th + 13th (Part) Floor	62.90
23	Kensington	LB + UB + St+2 Pod+3rd to 15th Floor	67.95

23.Number of tenants and shops	Flats: 4,989 Nos. Commercial: Knowledge Park and Kensington buildings already constructed and occupied, G4 and Community Centre is proposed, Commercial BUA: 1,63,782.23 m
24.Number of expected residents / users	41,323 Nos.
25.Tenant density per hectare	65/Ha
26.Height of the building(s)	


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27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is accessed by 45.75 m wide Jogeshwari-Vikhroli Link Road (JVLR).
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Yes, existing Buildings in Layout
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement


Dry season:	Source of water	MCGM
	Fresh water (CMD):	2655 KLD
	Recycled water - Flushing (CMD):	1417 KLD
	Recycled water - Gardening (CMD):	583 KLD
	Swimming pool make up (Cum):	7 KLD
	Total Water Requirement (CMD) :	4112 KLD
	Fire fighting - Underground water tank(CMD):	As per NBC
	Fire fighting - Overhead water tank(CMD):	As per NBC
	Excess treated water	657 KLD

Wet season:	Source of water	MCGM+RWH
	Fresh water (CMD):	2155+500 KLD
	Recycled water - Flushing (CMD):	1417 KLD
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	7 KLD
	Total Water Requirement (CMD) :	4112 KLD
	Fire fighting - Underground water tank(CMD):	As per NBC
	Fire fighting - Overhead water tank(CMD):	As per NBC
	Excess treated water	1240 KLD
Details of Swimming pool (If any)	-	

33.Details of Total water consumed

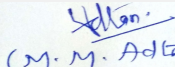
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Ground water table at depth of 3 to 4 m
	Size and no of RWH tank(s) and Quantity:	RWH tanks and RWH Ponds of total capacity 500 KL
	Location of the RWH tank(s):	Ground/Basement
	Quantity of recharge pits:	The existing bore wells, dug cum bore well and percolation pits for ground water recharge
	Size of recharge pits :	2 m dia, 3 m depth
	Budgetary allocation (Capital cost) :	Rs. 87 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 4.7 Lakhs/year
	Details of UGT tanks if any :	Will be provided as per NBC at Basement/ground


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35.Storm water drainage	Natural water drainage pattern:	The slope of the plot is towards North side
	Quantity of storm water:	The storm water generation 34.3 m3/sec
	Size of SWD:	0.30 to 0.60 m wide internal SWD drains Storm water drains of six and four feet wide size are present along the main internal roads of layout

Sewage and Waste water	Sewage generation in KLD:	3,574 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	18 STP's of total 4,330 KLD capacity
	Location & area of the STP:	Ground/Basement
	Budgetary allocation (Capital cost):	Rs.1,082 Lakhs
	Budgetary allocation (O & M cost):	Rs. 211 Lakhs/year

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris: 10,000 m3; Excavation for basement and foundation purpose
	Disposal of the construction waste debris:	The construction debris waste will be disposed as per Construction debris and demolition waste management Rule 2016

Waste generation in the operation Phase:	Dry waste:	6,299 kg/day
	Wet waste:	9,449 kg/day
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	39 kg/day
	Others if any:	-

Mode of Disposal of waste:	Dry waste:	Dry garbage will be disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	Sludge after dewatering will be used as manure for gardening
	Others if any:	Household E-waste generation

Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	600 m2
	Area for machinery:	325 m2

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 235 Lakhs
	O & M cost:	Rs. 104 Lakhs/year

37.Effluent Charecterestics

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Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41.Source of Fuel

Not applicable

42.Mode of Transportation of fuel to site


Not applicable

43.Green Belt Development

Total RG area :	RG on Ground: 1,03,462.63 m ² ; RG on Podium: 13,207.94 m ²
No of trees to be cut :	142 Nos.
Number of trees to be planted :	750 Nos.
List of proposed native trees :	Given below
Timeline for completion of plantation :	Within 2 years of completion of construction activity

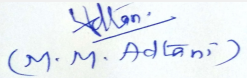
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	ALBIZIA LEBBECK	Kinhai	10	As medicinal value.
2	AMOORA ROHITUKA	Rohituk	20	As medicinal value.
3	ERYTHRINA INDICA	Pangara	39	As medicinal value, Bird attractive.


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4	LAGERSTROEMIA SPECIOSA	Tamhan	60	Edible, mature fruit as medicinal value, Bird and attractive.
5	MILLINGTONIA HORTENSIS	Kaval Nimb	71	As Bird attractive.
6	MIMUSOP ELENGI	Bakul	15	As medicinal value, Bird attractive.
7	PONGAMIA PINNATA	Karanj	15	Valued for its oil and repellent, having medicinal value.
8	SARACA INDICA	Sita Ashok	22	As medicinal value, Bird attractive.
9	SWIETENIA	Mahogany	35	As medicinal value, Bird attractive.
10	TERMINALIA ARJUNA	Arjuna	30	As medicinal value. produce tassar silk, a wild silk of commercial importance.
11	TREVIA NODIFLORA	Pindar	33	Bird attractive.
12	ANNONA SQUAMOSA	Sugar apple	23	Annona squamosa is as small, well-branched tree
13	ANTHOCEPHALUS CADAMBA	Kadambha	30	Shady, large tree, ball shaped flowers.
14	ARECA CATECHU	Areca nut	35	-
15	AZADIRACHTA INDICA	Neem	35	Semi-evergreen tree with medicinal value
16	BAUHINIA PURPUREA	Apta	35	Small tree with small white flowers, Butterfly host plant
17	CITRUS ACIDA	Limbu	30	Fruit Bearing Tree
18	COCOS NUCIFERA	Coconut	15	Shady tree with White flowers.
19	CANARIUM STRICTUM	Dhoop	20	As medicinal value.
20	DYPSIS MADAGASCARIENSIS	Macaw Palm	40	Flowering plant
21	ELAEIS GUINEENSIS	Oil Palm	22	-
22	EUGENIA JAMBOLANA	Jambul	25	Fruit tree attracting birds
23	FICUS BENJANMINA	Ficus	35	Flowering plant
24	Millingtonia Hortensis	Indian Cork Tree	30	A evergreen tree with white flowers
25	Michelia Champaca	Son Chafa	35	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	-	-	-

47.Energy

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Power requirement:	Source of power supply :	Tata Power
	During Construction Phase: (Demand Load)	1000 kVA
	DG set as Power back-up during construction phase	750 kVA
	During Operation phase (Connected load):	83.38 MW
	During Operation phase (Demand load):	47.14 MW
	Transformer:	28 Nos. x 1500 KVA
	DG set as Power back-up during operation phase:	17,395 kVA (6 x 380 kVA, 2 x 320 kVA, 6 x 750 kVA, 4 x 400 kVA, 4 x 600 kVA, 8 x 500 kVA, 1 x 625 kVA, 1 x 1350)
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Nil

48. Energy saving by non-conventional method:

Solar PV Hot water to Residential Buildings
Solar PV Panels on Roof Top of Commercial Area

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	>20

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 373 Lakhs
	O & M cost:	Rs. 27 Lakhs/year

51. Environmental Management plan Budgetary Allocation

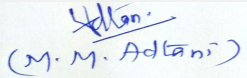
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	10
2	Site sanitation Facility and its maintenance	-	12
3	Potable Water Supply to Labour	-	14
4	Solid waste management	-	10
5	Disinfection	-	6


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6	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	25
7	Traffic Management (Sign Boards, Persons, at entry exit and Parking area)	-	12
8	Safety nets	-	38
9	Tyre cleaning and Vehicle maintenance	-	8
10	Safety Training to Workers (Twice in Year), Safety Officer	-	15
11	Environmental Monitoring	(As per the CPCB guidelines through MoEF&CC Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time)	4

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	1082	211
2	Solar System	Weekly	373	27
3	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	87	4.7
4	Solid Waste Composting plant	Continuous O & M	235	104
5	Landscape	Daily	1166	231
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4


51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

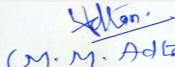
No Information Available

53.Traffic Management


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	Nos. of the junction to the main road & design of confluence:	The project site is accessed by 45.75 m wide Jogeshwari-Vikhroli Link road
Parking details:	Number and area of basement:	1, 2 and 3 basements, Total area: 11,82,114.58 m ²
	Number and area of podia:	1 & 4 Podium, Total area: 40,653.33 m ²
	Total Parking area:	3,19,246.3 m ²
	Area per car:	29.3 m ²
	Area per car:	29.3 m ²
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	10,564 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park : 2 km approx
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	Yes, Court case in High court of Bombay, Civil application No. 36 of 2017 in PIL No. 131 of 2008
	Other Relevant Informations	The TOR is granted by Ministry of Environment, Forest and Climate Change, Delhi on 07.09.2017
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-08-2017

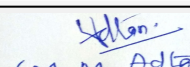
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-


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Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	

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PP Mr. Niranjana Hiranandani was present during the meeting along with Environmental Consultant M/S Mahabal Enviro Engineers Pvt. Ltd.

It is noted that, the project was previously considered in 89th SEAC-2 meeting held on 20/2/2019 PP was asked to submit following-

1. PP to abide by Hon. court orders issued in various civil applications.
2. PP to submit the Architect Certificate regarding building wise construction done on site along with building cross sections with reference to EC dated 10.4.2014.

During the meeting, undertaking submitted by PP to abide orders issued by Hon. Court from time to time in respect of present project was taken on record. PP also submitted detailed Architect Certificate regarding building wise construction done on site.

It is noted that EC vide letter dated 10/4/2014 has been accorded for total construction area 7,26,493.77 sq.mt. As there is increase in plot area by 26,575.02 Sq.mt & addition of TDR component based on road width as per notification dated 2/5/2016, total plot area of the project is 10,07,620 Sq.mt. PP stated that, TOR for the said project was issued by the MoEF &CC vide dated 07.09.2017.

PP submitted the detail architect certificate for 5,58,584Sq.mt construction carried out as per earlier EC. PP stated that, buildings Glen Ridge (23632.02 Sq.mt), Knowledge Park (65163.17 Sq.mt) & Kensington (208277.18 Sq.mt) were already constructed. Building Belicia, Building Adalia Venatta, Building Tamara work stalled due to Hon. High court stay order dated 25/3/2015. Whereas building Atlantis (113673.69 Sq.mt), building Maple (23752.99 Sq.mt) & building Hill Grange (36165.21 Sq.mt) construction completed & OC also received for the same. PP further stated that work for Amber (Old Adonia-II) not started yet.

PP submitted building wise comparative statement as per earlier EC & proposed expansion as below-

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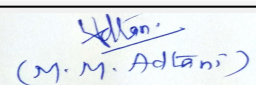
Environment Clearance as per 10.04.2014			Proposed Expansion to E.C.	
Building	Configuration	BUA (m ²)	Configuration	BUA (m ²)
Belicia	3B + St + Pod + 1 to 30 Floor	2,28,880.27	3B + St + Pod + 1 to 30 Floor	2,28,880.27
	3B + St + Pod + 1 to 30 Floor		3B + St + 1 to 31 Floor	
Adalia			3B + St + 1 to 31 Floor	
(Wing A & B)	3B + St + 1 to 31 Floor		3B + St + 1 to 31 Floor	
Adalia			3B + St + 1 to 29 Floor	
(Wing C & D) Tamara	3B + St + 1 to 31 Floor	1,13,673.69	2B + St + 4 Pod + 5 to 27 Floor (Wing A & B)	86,468.07
	3B + St + 1 to 31 Floor		2B + St + 4 Pod + 5 to 28 Floor (Wing C)	
Bianca	3B + St + 1 to 29 Floor	23,752.99	B + St + Pod + 2 to 17 Floor	23,304.02
Atlantis	3B + St + 4 Pod + 1 to 25 Floor (Wing A)	36,165.21	1B + St + 1 to 22 Floor	34,170.35
3B + St + 4 Pod + 1 to 26 Floor (Wing B)	1,13,673.69	12,038.2	3B+Gr+ 1 to 27 Floor	59,065.18
(Wing A & B)	86,468.07	14,910.94	B +St + 4 Pod + 5 to 22 Floor	98,298.89
			3B +St + 1 To 19 Floor	



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Environment Clearance as per 10.04.2014				New Buildings Proposed			
Building	Configuration	Height (m)	BUA (m ²)	Building	Configuration	Height (m)	BUA (m ²)
Not Proposed				Sorrento	2B + Stilt + 1 st to 22 nd Flr	69.75	6,918.82
				Regent hill	3B + Stilt + 1 st to 23 rd Flr	69.8	95,910.34
				Highland	2B + Stilt + 1 st to 22 nd Flr	69.95	52,210.98
				Empress Hill	2B + Stilt + 1 st to 22 nd Flr	69.95	48,950.00
				G4 Commercial	2B + Gr + 1 st to 14 th Flr	55.8	24,004.76
				Resi. Bldg.	2B + Stilt + 1 st to 22 nd Flr	69.95	11,642.69
				Community Center	2B + Gr + 1 st to 2 nd Flr	13.2	2,536.40
Already Constructed Buildings			Already Constructed Building				
Glen Ridge	Lower St+ Upper St+1st Pod 2nd to 31st Flr.	105.15	23,632.02	Glen Ridge	Lower St + Upper St+1 st Pod 2 nd to 31 st Flr.	105.15	23,632.02
Knowledge Park	2 Basement+Gr+1st to 12th + 13th Part Flr	62.90	65,163.17	Knowledge Park	2 B+Gr+1 st to 12 th + 13 th (Pt.) Flr	62.90	65,163.17
Kensington	Lower Basement + Upper Basement+ St+2 Pod+3rd to 15th Flr	67.95	2,08,277.18	Kensington	LB + UB + St+2 Pod+3 rd to 15 th Flr	67.95	2,08,277.18
		Total	7,26,493.67				10,69,433.14

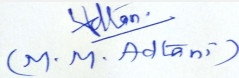
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC


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

Specific Conditions by SEAC:

- 1) PP to upload the superimposed proposed new plan on earlier plan.
- 2) PP to upload the revised Architect Certificate stating the current status of Atlantis, Maple & Hill Grage in remark section.
- 3) PP to upload the letter of local planning authority which stated that after handing over the RG reservation to local body, 30% area of reservation will become permissible for construction.
- 4) PP to abide by Hon. court orders issued in various civil applications and also to ensure that flat size should be as per Hon.High court order.
- 5) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfillment of this condition before granting CC.

FINAL RECOMMENDATION

SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

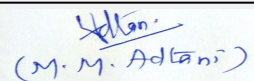
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Agenda of 97th SEAC-2 Day-1 meeting held on 24th April, 2019

SEAC Meeting number: 97 Meeting Date April 24, 2019

Subject: Environment Clearance for Proposed development and construction of IT Park

Is a Violation Case: Yes

1.Name of Project	Proposed development and construction of IT Park on Plot No. 3, TTC Industrial Area, MIDC, Airoli, Navi Mumbai, Maharashtra by Mindspace Business Parks Private Limited (Formerly known as Serene Properties Private Limited)
2.Type of institution	Private
3.Name of Project Proponent	Mindspace Business Parks Private Limited
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	IT park
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, received vide letter no. 21- 268/2007 IA.III dated August 23, 2007.
8.Location of the project	Plot No. 3, TTC Industrial Area, MIDC, Airoli, Navi Mumbai.
9.Taluka	Thane
10.Village	Airoli
Correspondence Name:	Plot No. C-30
Room Number:	Block 'G'
Floor:	6th floor
Building Name:	Raheja Tower
Road/Street Name:	Next to Bank of Baroda
Locality:	Bandra-Kurla Complex
City:	Bandra (East)
11.Area of the project	MIDC
12.IOD/IOA/Concession/Plan Approval Number	Approval no.: DE/MHP(C) /3/IFMS/B-65206 dated 03/06/2015.
	IOD/IOA/Concession/Plan Approval Number: Approval no.: DE/MHP(C) /3/IFMS/B-65206 dated 03/06/2015.
	Approved Built-up Area: 352848.13
13.Note on the initiated work (If applicable)	Work has been initiated as per EC granted dated 23rd August 2007.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	202740.00
16.Deductions	3142.20
17.Net Plot area	199597.80
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 352848.13
	b) Non FSI area (sq. m.): 139876.07
	c) Total BUA area (sq. m.): 492724.20
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 352848.13
	Approved Non FSI area (sq. m.): 139876.07
	Date of Approval: 03-06-2015
19.Total ground coverage (m2)	66689.29
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	32.89
21.Estimated cost of the project	13237400000

22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building No. 1 to 4 & 7	Stilt + 3 Parking + 8 Office Floors	44.90
2	Building No. 5 & 6	Stilt + 2 Parking + 8 Office Floors	42.00
3	Building No. 8	Stilt + 7 Office Floors	32.05
4	Building No. 9, 10, 11 & 12	Stilt + 1 Parking + 8 Office Floors	40.85
5	Building No. 14A	Stilt + 1 Parking + 8 Office Floors	40.85
6	Support Service Like Club house, Security Cabin etc.	max. G + 1	8.4

23.Number of tenants and shops	Not applicable as it's an IT project.
24.Number of expected residents / users	Users: 70570 nos.
25.Tenant density per hectare	Not applicable as it is an IT project.
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The plot is abutting to existing 45 mt. wide Thane Belapur Road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min.9 mts
29.Existing structure (s) if any	We have completed construction of 13 IT/ ITES buildings with support services.
30.Details of the demolition with disposal (If applicable)	No previous structure to be demolish.


31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA

32.Total Water Requirement

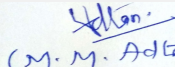
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Dry season:	Source of water	Maharashtra Industrial Development Corporation (MIDC) & treated water from Sewage treatment plant							
	Fresh water (CMD):	1411							
	Recycled water - Flushing (CMD):	1764							
	Recycled water - Gardening (CMD):	97							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	3824							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	35							
	Excess treated water	0							
Wet season:	Source of water	Maharashtra Industrial Development Corporation (MIDC) & treated water from Sewage treatment plant							
	Fresh water (CMD):	1411							
	Recycled water - Flushing (CMD):	1764							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	3824							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	35							
	Excess treated water	0							
Details of Swimming pool (If any)	Not Applicable								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA



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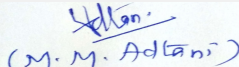

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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3 mts.
	Size and no of RWH tank(s) and Quantity:	13 RWH tanks of total capacity 1117 cum
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	13 no. of recharge pits
	Size of recharge pits :	4mt x 4 mt x 4 mt
	Budgetary allocation (Capital cost) :	400 lakhs
	Budgetary allocation (O & M cost) :	70 lakhs
	Details of UGT tanks if any :	Fire underground tank: 300 cmd Firefighting overhead tank: 35 cmd
35.Storm water drainage	Natural water drainage pattern:	The natural drain will be maintained at site
	Quantity of storm water:	1.72 cum/sec
	Size of SWD:	0.6 m x 0.6 m wide
Sewage and Waste water	Sewage generation in KLD:	2541
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	13 STP of total capacity 2885 KLD
	Location & area of the STP:	Below ground
	Budgetary allocation (Capital cost):	900 lakhs
	Budgetary allocation (O & M cost):	68 lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not applicable
	Disposal of the construction waste debris:	sold to authorized dealers.
Waste generation in the operation Phase:	Dry waste:	11901 Kg/ day
	Wet waste:	4761 Kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	305 Kg/day
	Others if any:	Not Applicable


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Mode of Disposal of waste:	Dry waste:	Dry garbage has been handed over to the authorized recycler.
	Wet waste:	OWC units has been installed on site to compost wet waste
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Will be dried and used as manure.
	Others if any:	Not Applicable
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	included in machinery area
	Area for machinery:	600 sq. m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	60 lakhs
	O & M cost:	16 lakhs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40. Details of Fuel to be used

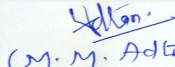
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
42. Mode of Transportation of fuel to site	Not applicable


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43.Green Belt Development	Total RG area :	19,959.78 sq.m
	No of trees to be cut :	232 Nos
	Number of trees to be planted :	1996 Nos
	List of proposed native trees :	Attached as Annexure I
	Timeline for completion of plantation :	Already planted on site

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Attached as Annexure I	Attached as Annexure I	Attached as Annexure I	Attached as Annexure I
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Attached as Annexure I	Attached as Annexure I	Attached as Annexure I

47.Energy


Power requirement:	Source of power supply :	Mindspace Serene Electricity Distribution Licensee
	During Construction Phase: (Demand Load)	130 KW
	DG set as Power back-up during construction phase	77 KW
	During Operation phase (Connected load):	31850 KVA
	During Operation phase (Demand load):	19250 KVA
	Transformer:	24 x 2000 KVA & 2 x 1500 KVA provided already on site.
	DG set as Power back-up during operation phase:	30 x 1010 KVA, 6 x 1110 KVA, 4 x 2000 KVA, 3 x 1500 KVA of total capacity 49,460 KVA.,2x750 KVA stand by DG
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

48.Energy saving by non-conventional method:

LED lights for staircase & passage area

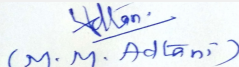
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Bldg. 1	21.26%


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2	Bldg. 2	16.50%
3	Bldg.3	19.70%
4	Bldg. 4	19.30%
5	Bldg. 5 & 6	19.80%
6	Bldg.8	19.50%
7	Bldg. 9	19.20%
8	Bldg. 10	20.20%
9	Bldg. 11	20.20%
10	Bldg. 12	20.20%
11	Bldg. 14	19.50%

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
NA	NA	NA

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	2000 lakhs
	O & M cost:	1000 lakhs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	NA	900	68
2	Solid Waste Management	NA	60	16
3	Rain Water Harvesting	NA	400	70
4	Landscape	NA	500	45
5	Environmental Monitoring cell	NA	0	35


51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

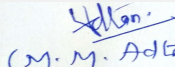
No Information Available

53.Traffic Management


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	Nos. of the junction to the main road & design of confluence:	The site is directly connected to Thane Belapur road.
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	139876.07 sq.m
	Area per car:	32 sq.m
	Area per car:	32 sq.m
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	6779 nos. (Covered parking: 4365 nos.)
	Public Transport:	NA
	Width of all Internal roads (m):	30 mtrs.
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	Not Applicable
	Other Relevant Informations	This project is LEED Gold certified by IGBC.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	07-09-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

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Representative of PP Mr. Nikhil Mehta was present during the meeting along with Environmental Consultant M/S. Aditya Environmental Services Pvt. Ltd.

It is noted that proposal under consideration is of Violation of EIA Notification 2006, as amended, defined in MOEF & CC notification dated 14th March 2017 & 8th March 2018.

PP stated that the project had received EC vide letter dated 23rd August, 2007 for total plot area of 1,96,440 sq. m. and FSI area of 3,49,192.41 sq. m. for construction of 13 IT/ITES buildings. PP further stated that, due to amalgamation of neighbouring plot as per the order dated 14/09/2011 of MIDC, area of the plot increased from 1,96,440 sq. m. to 2,02,740.00 sq. m with Permissible BUA is 3,57,007.94 sq. m. PP informed that, till date construction of all 13 IT/ITES buildings is completed on site with built up area 3,52,848.13 sq. m. that means additional construction of 3655.72 sq. m. has been carried out.

PP informed that, the **Nature of Violation is as follow-**

1. Construction of 2 buildings viz. Building-11 and 12 continued after expiry of Environmental Clearance- PP stated that, the EC letter did not specify validity and hence it was presumed that the EC was valid till completion of the project.
2. Additional construction of 3655.72 sq. m. has been carried out- PP stated that, the additional construction of 3655.72 sq. m. is approx. 1% of permissible gross construction area. Also, there has been no change in the occupancy, resource requirement or waste generation. Moreover the said area is not yet occupied.


It is noted that the proposal was considered in 71st & 89th meeting held on 1/10/2018 & 20/2/2019 respectively and ToR & additional ToR in order to assess for the Environmental Damage and for Estimation of Remediation Costs for Building Construction Projects issued.

Accordingly, PP submitted the EIA, which was taken on record. The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.

Damage assessment report specifying activities contributing to the environmental damage and degradation noted from the report and deliberated in detail during the meeting. Details submitted by PP and accredited consultant as-

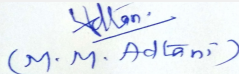
A. Project details:

1	Name and address of Project	Proposed development and construction of IT Park on Plot No. 3, TTC Industrial Area, MIDC, Airoli, Navi Mumbai, Maharashtra by Mindspace Business Parks Private Limited (formerly known as Serene Properties Pvt. Ltd.)
2	Name of Directors	<ol style="list-style-type: none"> 1. Mr. Vinod Rohira 2. Mr. Arvind Prabhu 3. Mr. Sunil Hingorani 4. Mr. Siddhartha Gupta
3	Total construction completed (built-up area as per EC notification):	<ul style="list-style-type: none"> • FSI built-up area for which EC was obtained = 3,49,192.41 sq. m. ---(a) • Total FSI built-up area constructed till date = 3,52,848.13 sq. m. ---(b) • Additional construction taken place for which EC was not obtained [(b)-(a)] = 3655.72 sq. m.


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4	Total construction proposed, built-up area as per EC notification	<p>The project had received EC for total plot area of 1,96,440 sq. m. and FSI area of 3,49,192.41 sq. m. for construction of 13 IT/ITES buildings.</p> <p>Due to amalgamation of neighboring plot as per the order dated 14.09.2011 of MIDC, area of the plot increased from 1,96,440 sq. m. to 2,02,740.00 sq. m. and permissible FSI built-up area is 3,57,007.94 sq. m.</p> <p>The project consists of 13 IT/ITES buildings, the construction of which is completed on site with built-up area of 3,52,848.13 sq. m., which exceeds the approved built-up area in EC by 3655.72 sq. m. (i.e. additional construction in Building-12).</p>
5	Whether the project has any EC: If yes, give details including approved built up area	Yes. The project has been granted EC by MoEF&CC vide letter No. 21-268/2007-IA.III dated 23rd August 2007 for total plot area of 1,96,440 sq. m. and FSI area of 3,49,192.41 sq. m. for construction of 13 IT/ITES buildings
6	Total cost of the project and total cost of the project already executed? Also, give total cost of the project constructed without EC.	<p>Total cost of the project = Rs. 1323.74 crores</p> <p>Total cost of the project constructed without EC (i.e. for additional construction) = Rs. 12.91 crores</p>
7	Date of commencement of project	27th April 2008
8	Date of violation of EC Regulation (please justify with documentary evidence)	26th March 2015 (Date of part building completion certificate by MIDC for Building-12, however the additional area under reference is not occupied)
9	Date of first submission of information of such violation to the SEIAA or SEAC, if self-notified, along with stoppage of construction work	<p>Date of application to EAC of MoEF&CC in violation window: 8th September 2017</p> <p>Date of application on ECMPCB web-portal: 13th April 2018</p>
	1. No. of days of violation (9-8)	898 days (considering date of application to MoEF&CC)
10	Name and address of Environmental consultant, with date of engagement of such consultant	<p>Aditya Environmental Services Pvt. Ltd.</p> <p>107/110, Hiren Light Industrial Estate, Mogul Lane, Mahim, Mumbai - 400016</p> <p>(Date of engagement of consultant: 01.08.2017)</p>
11	Any other case of EC violation is reported or pending or decided earlier for projects where any of the directors are involved? If yes, give details	No. Not applicable.
12	Any court case related to EC violation pending or decided against any of the directors including High Court, NGT and sessions court?	No.

B. Attributes for possible environmental damage causes in qualitative and quantitative terms:

The PP and Consultant needs to describe the details of each attributes in qualitative and quantitative manner; for example:

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1. Air Pollution:

- Construction dust: Air pollution due to vehicular emissions and re-suspension of particulate matter / dust due to construction activities
- Noise: Noise pollution due to construction activities and plying of vehicle carrying construction materials
- Demolition dust: Not applicable

1. Water:

- Incremental sewage increase: Only during construction phase (due to utilization of water by construction workers)
- Extra water pumped from foundations: Not applicable

1. Soil:

- Excess foundation excavation: Not applicable
- Excess ground footprint: Not applicable

1. Noise:

- Extra time required for construction: Noise pollution due to construction activities and plying of vehicle carrying construction materials

1. Loss of vegetation:

- Additional trees cut (type, age and number of trees with its significance): Not applicable


1. Transport and Material Handling: Please refer to Section C.B.(3) in this form for details.

C. Description of activities contributing to the environmental damage and degradation:

A.	Demolition, site preparation	
1	Whether any demolition work was carried out prior to EC? If yes what is date of commencement of demolition and also date of completion of demolition?	No.

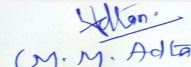
2	Whether such demolition or site had some asbestos, industrial waste or contaminated soil or hazardous waste etc. and if yes, how these types of waste have been segregated and disposed?	Not applicable.
3	If the project is located on any industrial site, whether any due diligence or environmental status of site was assessed? If yes, give details	The issue of due diligence is addressed as the project is located within TTC industrial area, of Maharashtra Industrial Development Corporation (MIDC) falling under Airoli node of Navi Mumbai on Thane-Belapur Road.
4	State the quantity of demolition waste disposed from the site, including quantity and disposal location along with location map and photographs	Not applicable.
5	Any air quality (including noise) monitoring done during demolition work? If yes, results	Not applicable.
6	Whether building plan and layout approved and permission from local authorities is taken to commence the work prior to demolition work	Not applicable as no demolition is involved.
B.	Construction stage	
1	Date of commencement of construction and completion of construction, if any	Date of commencement of construction of additional area: 24.12.2014 Date of completion of construction of additional area: 11.03.2015
2	Whether the construction carried out is strictly as per the sanction plan given by concerned local authority? If yes, please provide such certification	Yes. The construction is carried out as per approved plan by MIDC vide letter No. DE/MHP(C)/I/3/IFMS/B-65206 dated 03.06.2015. The copy of the approved plan is enclosed as Annexure-III.

3	<p>In the additional construction, how much construction material including, sand, bricks, cement etc. was required to be transported? No. of trucks and its average haulage?</p>	<p>Details of materials transport:</p> <table border="1"> <thead> <tr> <th>Building Material & Supplier</th> <th>Quantity used (weight in tonnes)</th> <th>Mode of transport (plant to site)</th> <th>Total travel length (km)</th> </tr> </thead> <tbody> <tr> <td>TMT Steel - Tata Steel Pvt. Ltd.</td> <td>150</td> <td>Truck</td> <td>160</td> </tr> <tr> <td>Cement - Ambuja Cement India Ltd.</td> <td>400</td> <td>Truck</td> <td>660</td> </tr> <tr> <td>Tiles - Johnsons Pvt. Ltd.</td> <td>78</td> <td>Truck</td> <td>363</td> </tr> <tr> <td>Glass - Saint Gobain</td> <td>8</td> <td>Truck</td> <td>1200</td> </tr> <tr> <td>AAC Blocks - Green Building Products</td> <td>15</td> <td>Truck</td> <td>25</td> </tr> <tr> <td>Fine and Coarse Aggregates - Shree Sai Stone Crusher</td> <td>800</td> <td>Truck</td> <td>1867</td> </tr> <tr> <td>Gypsum Plaster - Buildon (Andheri)</td> <td>3</td> <td>Truck</td> <td>4</td> </tr> <tr> <td>Natural Stone</td> <td>45</td> <td>Truck</td> <td>1603</td> </tr> <tr> <td>Aluminium - Deo Aluminium</td> <td>2</td> <td>Truck</td> <td>19</td> </tr> <tr> <td>Sand</td> <td>30</td> <td>Truck</td> <td>80</td> </tr> <tr> <td colspan="3">Total km travelled:</td> <td>5981</td> </tr> </tbody> </table>	Building Material & Supplier	Quantity used (weight in tonnes)	Mode of transport (plant to site)	Total travel length (km)	TMT Steel - Tata Steel Pvt. Ltd.	150	Truck	160	Cement - Ambuja Cement India Ltd.	400	Truck	660	Tiles - Johnsons Pvt. Ltd.	78	Truck	363	Glass - Saint Gobain	8	Truck	1200	AAC Blocks - Green Building Products	15	Truck	25	Fine and Coarse Aggregates - Shree Sai Stone Crusher	800	Truck	1867	Gypsum Plaster - Buildon (Andheri)	3	Truck	4	Natural Stone	45	Truck	1603	Aluminium - Deo Aluminium	2	Truck	19	Sand	30	Truck	80	Total km travelled:			5981
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4	How many labours were engaged in construction, average per day?	80 nos.																																																
5	<p>Whether, the additional construction work, over and above valid EC, if so available, has any additional ground foot print? If yes please state, ground foot print in sqm as per EC approved layout and current proposed layout?</p>	No. No additional ground footprint has been increased due to the additional construction work.																																																


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6	<p>Whether the expansion was carried out simultaneously with EC approved work? If not give details of time frame?</p> <p>If yes, please give incremental additional time required for construction of additional area</p>	Expansion was carried out simultaneously with approved EC within a period of two & half months.
7	<p>Is there any change in foundation design, i.e. depth of foundation, basement etc. that were done due to additional area?</p> <p>If yes, what is the additional soil quantity excavated for such incremental foundation depth? Where it is disposed?</p>	No. There is no change in foundation design.
8	<p>What is the quantity of top soil removed and how it is managed?</p>	Not applicable.
9	<p>Also, if water is encountered at such foundation depth, what is the volume of water pumped for such additional depth of excavation?</p>	Not applicable.
10	<p>How much additional water was required for curing and construction purpose? Source of water?</p>	Water utilized for additional construction: 3.6 KLD Source of water: MIDC through tanker water supply
11	<p>Rain Water harvesting details</p>	Rain water harvesting system in Building-12 where additional construction is done: Rain water harvesting tank: 1 no. of total capacity 59 cum Quantity of recharge pits: 1 no. of size 4 m x 4 m x 4 m
12	<p>Solar light, water heating details</p>	No solar water heating system is installed.
13	<p>Use of fly ash bricks ensured? Details thereof</p>	15 tonnes of AAC blocks were used for additional construction.

14	Whether any noise or air pollution control measures taken, if so what are they?	<p>Mitigation measures for impact of noise:</p> <ul style="list-style-type: none"> -Smooth flow of traffic was ensured on the internal roads to avoid idling of vehicles. -DG sets were provided with acoustic enclosures meeting norms of EP Act. -Avenue plantation of tall, canopy trees have been carried out along main roads to buffer the vehicular noise. -Dense canopy trees have been planted on the periphery of the plot to form a screen to reduce impact of air / noise pollution. <p>Air pollution impact mitigation measures:</p> <ul style="list-style-type: none"> -Plantation has been done along the roadside to reduce effects of air / noise pollution as part of landscape development. Trees have been planted along the plot periphery to screen the site from air / noise pollution. -Regular maintenance and upkeep of the internal roads within project site was ensured to help smooth traffic flow and to reduce air pollution. -Traffic flow to and within the site was maintained so that there are no obstructions to existing traffic flow on access roads. Also, road side parking was avoided. -The entry / exit to the site was constructed with adequate curvature at kerbs so that vehicles coming out / entering the building do not impinge on road traffic directly.
15	Whether any air quality and noise level monitoring done during construction stage, if yes attach results	Please refer to monitoring reports of during the year 2014-15 as submitted
16	Whether any third-party rights are created on the construction without EC?	No.
17	Whether any of the construction without EC has already been occupied? If yes, number of families given such occupation. Also give total commercial area being used presently. Also state type of commercial activity i.e. offices, shops, hotels, restaurants etc.	No.
18	How many flats sold which are in the area of EC violation and total sale value of such flats	Not applicable.
19	How much commercial area sold which is in area of EC violation and total sale value of such commercial area.	Not applicable.
C.	Commissioning of project	
1	Date of when the project was made operational either by giving possession of residential or commercial areas of the project?	Additional constructed area under reference is not occupied.

2	How many families are staying in project?	Not applicable.
3	What is total water supply to project, source and quality	For additional construction: 46.99 cmd (Fresh water: 18.30 cmd from MIDC + STP treated water: 28.69 cmd)
4	Total sewage generation m3/day	30.20 cmd
5	STP details	STP of capacity 150 cmd (for Building-12)
6	Treated wastewater disposal	Zero liquid discharge
7	Any DG sets, are they complying the norms	4 x 1010 kVA

Assessment of Environmental Damages submitted as below-

Attributes	Scope of saving on account environmental protection measures	EMP cost	
		Recurring cost per day (Rs.)	Non-recurring cost (Rs.)
Air Pollution	Water requirement for sprinkling (KL/day):	0.42 KLD (Consideration: 14 L for curing of ~30 cum)	Nil
	Cost of 1 KL water (Rs.):	Rs. 15/- (Consideration: Rs. 35/- per KL)	Nil

Water Pollution	1. Cost of water requirement		
	1. Construction Phase	Rs. 126/- (3.6 KLD x Rs. 35/- per KL)	Nil
	1. Operation Phase	Nil	Nil
	1. Cost of sewage treatment, reuse & disposal		
	1. Construction Phase	Rs. 126/- (3.6 KLD x Rs. 35/- per KL)	Nil
	1. Operation Phase	Nil	Nil
	1. Quantity of water pumped out during excavation and a lumpsum cost of Rs. 50 per cum for such unauthorized water extraction and disposal	Nil	Nil
	1. Cost of construction & maintenance of recharge well	Nil	Nil
Soil Environment	In case of demolition has carried out, the cost of demolition waste management plan needs to be discussed and finalized as non-recurring cost	Nil	Nil
	In case there is some hazardous waste like asbestos or the site is located on industrial area where hazardous chemical or waste was handled, the cost based on due diligence of the project site, as given by consultants (the report must include soil analysis, water analysis, MPCB consent copies, manifest of HW, if any). This requires critical examination from SPCB	Nil	Nil
	Cost of preservation of top soil & excavated earth to be considered. [Area (m ²) x depth (m) x Sp. Gravity (kg/m ³) x cost per tonne (Rs.)]	Nil	Nil
Noise and Vibration	For damage due to noise pollution & vibration, the cost of barricades around the project site should be considered. [Perimeter (m) x Height of the barricade (m) x cost of the sheet]	Nil	Rs. 6,90,000/- (Perimeter: 500 m x Height: 3 m x Cost of sheet: Rs. 460)

Green belt	In case of any tree cutting without EC cost of Rs. 10000/- per tree apart from any statutory action for such tree cutting if any,	Nil	Nil (as no tree cutting was involved)
	Cost of planting & maintaining trees (Number of trees as per the bye-laws)	Nil	NA
	Cost of compensatory tree plantation (5 trees for each tree cut)	Nil	Nil
RH / OHS	Cost of workers benefit to be considered in view of Building and Other Construction Workers' Welfare Cess Act, 1996		
	1. Cost of health checkup of workers:	Nil	Rs. 80,000/- (Consideration: Rs. 1000 for checkup of 1 worker x 80 workers)
	1. Cost of safety measures including PPEs:	Nil	Rs. 80,000/- (Consideration: Rs. 1000 per PPE kit x 80 workers)
Total		Rs. 267/- say Rs. 300/- per day	Rs. 8,50,000/-

Calculation of cost of remediation plan and natural & community resource augmentation plan:

Sr. No.	Description	Details	Amount
A.	Assessment of Environmental Damages		
1.	Total of recurring cost	Cost arrived from above table per day X number of days in violation	Rs. 23,100/-
		Note: Rs. 300 (from previous table) x 77 days of construction (i.e. from 24.12.2014 to 11.03.2015)	
2.	Non-recurring cost	Cost as arrived from above table	Rs. 8,50,000/-
	Sub-total (1+2 above)	(Subject to minimum Rs. 1 crore)	Rs. 1,00,00,000/-
		Note: Total of Sr. Nos. A(1) & A(2) above is Rs. 8,73,100/-. However, amount of Rs. 1 crore is considered as the calculated amount (i.e. Rs. 8,73,100/-) is less than Rs. 1 crore.	

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B.	Economic benefits accrued due to violation		
1.	Economic benefits	1% of Total Project cost including land, as declared by PP before SEAC, subject to maximum Rs. 10 Cr.	
		(a) As per Guidelines considering total project cost	Rs. 10,00,00,000/-
		Note: Total project cost is Rs. 1323.74 crores and 1% of total project cost is Rs. 13,23,74,000/-. Amount of Rs. 10 crores is considered under economic benefits as the calculated amount (Rs. 13,23,74,000/-) is more than Rs. 10 crores.	
		(b) Assuming total cost of area under violation	Rs. 12,91,000/-
		Note: Total cost of area under violation (i.e. 3655.72 sq. m.) is Rs. 12.91 crore and 1% of Rs. 12.91 crores are Rs. 12,91,000/-.	
2.	Track Record of Project Proponent	Incremental cost of Rs. 10 lakhs for each EC violation by PP observed at any other projects in last 3 years	NA
C.	Cost of remediation plan and natural & community resource augmentation plan	Sum of A and B above or amount equivalent to the CER amount as per the MoEF&CC's Office Memorandum No. F NO 22-65/2017-IA-III dated 01/05/2018, whichever is higher.	
		Calculation (i): As per clause 33 of the Approach Paper appended to the Guidelines	Rs. 11,00,00,000/-
		Note: Total of Rs. 1 crore (from Sr. No. A) + Assumption (a) under Economic Benefits (Sr. No. B) (Amount calculated as per MoEF&CC's OM on CER dt. 01.05.2018 is Rs. 6,61,87,000/- i.e. 0.5% of total project cost. Total of above Sr. No. A & B is Rs. 11 crores and it is higher than the calculated CER amount. Hence, cost of remediation plan and natural & community resource augmentation plan is considered as Rs. 11 crores.)	
		Calculation (ii):	Rs. 6,61,87,000/-
		Note: CER cost considering total project cost (i.e. Rs. 1323.74 crores) (As per MoEF&CC's OM No. F NO 22-65/2017-IA-III dt. 01.05.2018, CER cost should be 0.5% of capital investment / additional capital investment (Rs.) of > from 1000 crores to < 10000 crores for greenfield projects.)	
		Calculation (iii):	Rs. 1,12,91,000/-
		Note: Total of Rs. 1 crore (from Sr. No. A) + Assumption (b) under Economic Benefits (Sr. No. B)	

It is noted that,

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1. As there is no earlier violation, the penal clause as mentioned under item 28 of the Approach Paper appended to the Guidelines is not applicable in this case.
2. As per clause 33 of the Approach Paper appended to the Guidelines, the actual cost of remediation may be calculated as under:
 1. As per format given in SEIAA Circular, the Damage Assessment value is arrived at Rs. 11,00,00,000
 2. Considering CER cost for the entire project as greenfield project, under Sr. No. C : Cost of Remediation Plan and natural and community resource augmentation plan the Damage Assessment value is arrived at of Rs 6,61,87,000
 3. Considering the total project value of the area under violation (i.e. 3655.72 sq. m.) is Rs. 12.91 crore), the Damage Assessment value is arrived at of Rs 1,12,91,000

During the meeting PP submitted that, the recognized violation comprising construction of an additional floor during 24/12/2014 to 11/03/2015 does not incur the need for any primary or complimentary remediation. There are no interim losses to ecological functions that need to be restored or replaced and thereby would require compensatory remediation. The entire construction, including the violation part with reference to the EC, was carried out as per approved plan by MIDC vide their letter dated 03/06/2015.

PP further submitted that the penalty amount for the violation be recognized vis-a-vis the economic benefit accruing from the violation component of the project construction only.

DECISION OF SEAC
<p>After deliberation, Committee accepted the submission and decided to recommend the proposal for Environmental Clearance to SEIAA for further needful subject to conditions that</p> <p>Specific Conditions by SEAC:</p> <ol style="list-style-type: none"> 1) PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area, as identified by Environment Department. 2) PP to upload air quality & Noise level monitoring report done during the construction phase in 2014-15
FINAL RECOMMENDATION
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Agenda of 97th SEAC-2 Day-1 meeting held on 24th April, 2019


SEAC Meeting number: 97 Meeting Date April 24, 2019

Subject: Environment Clearance for Environmental Clearance (EC) for our Proposed Residential and Commercial Development project at village Kavesar, Thane, State- Maharashtra.

Is a Violation Case: No

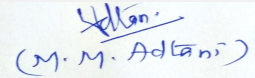
1.Name of Project	Proposed Residential & Commercial Development project at village Kavesar, Thane (W), State- Maharashtra.
2.Type of institution	Private
3.Name of Project Proponent	M/s. Ashank Macbricks Pvt. Ltd.
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	Residential and Commercial Development project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Plot bearing S. No. 206/2 & 141/5
9.Taluka	Thane
10.Village	Kavesar
Correspondence Name:	M/s. Ashank Macbricks Pvt. Ltd.
Room Number:	Unit No. 303
Floor:	--
Building Name:	Anant Laxmi Chamber
Road/Street Name:	--
Locality:	Shivajinagar
City:	Thane (W) 400099
11.Area of the project	Thane Municipal Corporation (T.M.C.)
12.IOD/IOA/Concession/Plan Approval Number	To be Applied
	IOD/IOA/Concession/Plan Approval Number: To be Applied
	Approved Built-up Area: 38452
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	17220.00 Sq.mt.
16.Deductions	2857.00 Sq.mt.
17.Net Plot area	14363.00 Sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 38452 .00 Sq.mt.
	b) Non FSI area (sq. m.): 70537.00 Sq.mt.
	c) Total BUA area (sq. m.): 108989.00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): --
	Approved Non FSI area (sq. m.): --
	Date of Approval: 20-09-2018
19.Total ground coverage (m2)	10275.00 Sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	71.5%
21.Estimated cost of the project	4750000000

22.Number of buildings & its configuration


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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	One Building with 3 Towers	--	--
2	Tower 1	Lower Ground + Ground + Upper Ground + 2 Podium Level + Stilt + 1st to 38 Floors	150.00
3	Tower 2	Ground + Upper Ground + 2 Podium Level + Stilt+1st to 38 Floors	150.00
4	Tower 3	Ground + Upper Ground + 2 Podium Level + Stilt+1st to 38 Floors	150.00
5	Club House	Ground + 1 Floor	--

23.Number of tenants and shops	Residential Flats: 621 Nos. & Offices
24.Number of expected residents / users	Residential: 3405 Nos. ; Commercial: 204 Nos. ; Total: 3609 Nos.
25.Tenant density per hectare	453/hectars
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	It is well connected by 36 mt. wide Ghodbunder Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12 mt.
29.Existing structure (s) if any	At present one old Shed is present on site which will be demolished in future
30.Details of the demolition with disposal (If applicable)	Demolition Debris generated shall be disposed to authorized landfill site with permission of T.M.C.


31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

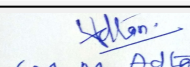
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Dry season:	Source of water	T.M.C./ Tanker water for Swimming pool make up								
	Fresh water (CMD):	Domestic: 311 KLD								
	Recycled water - Flushing (CMD):	157 KLD								
	Recycled water - Gardening (CMD):	30 KLD								
	Swimming pool make up (Cum):	11 KLD								
	Total Water Requirement (CMD) :	509 KLD								
	Fire fighting - Underground water tank(CMD):	3 nos. of tank of total capacity 866 KLD								
	Fire fighting - Overhead water tank(CMD):	3 nos. of tank of total capacity 90 KLD								
	Excess treated water	179 KLD								
Wet season:	Source of water	T.M.C./ Partly by RWH/ Tanker water for Swimming pool make up								
	Fresh water (CMD):	Domestic: 311 KLD (305 form T.M.C. + 6 KLD from RWH)								
	Recycled water - Flushing (CMD):	157 KLD								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	11 KLD								
	Total Water Requirement (CMD) :	479 KLD								
	Fire fighting - Underground water tank(CMD):	3 nos. of tank of total capacity 866 KLD								
	Fire fighting - Overhead water tank(CMD):	3 nos. of tank of total capacity 90 KLD								
	Excess treated water	209 KLD								
Details of Swimming pool (If any)	Total 4 Nos. of Swimming pool of Total Volume: 802 cum.									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



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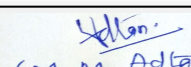

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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Between 2 m and 13 m below ground surface
	Size and no of RWH tank(s) and Quantity:	3 Nos. of RWH tanks of total capacity 60 KL capacity (i.e. 20 KL each)
	Location of the RWH tank(s):	Below Ground Level
	Quantity of recharge pits:	6 nos. of recharge pits are proposed
	Size of recharge pits :	2.00 mt. dia
	Budgetary allocation (Capital cost) :	Rs. 33.00 Lacs
	Budgetary allocation (O & M cost) :	Rs. 1.23 Lacs/annum
	Details of UGT tanks if any :	Location of UG tanks: Below Ground
35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD.
	Quantity of storm water:	0.29 m ³ /sec
	Size of SWD:	600 mm x 900 mm
Sewage and Waste water	Sewage generation in KLD:	406 KLD
	STP technology:	MBBR (Moving Bed Bio Reactor)
	Capacity of STP (CMD):	1 no. of STP of total capacity 450 KL
	Location & area of the STP:	Location: STP at Ground & Tanks Below ground ; Area: 450 Sq. mt.
	Budgetary allocation (Capital cost):	Rs. 93.00 Lacs
	Budgetary allocation (O & M cost):	Rs. 15.87 Lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Demolition Debris generated shall be disposed to authorized landfill site with permission of T.M.C. ; Excavation material generated shall be reused on site for leveling purpose.
	Disposal of the construction waste debris:	Construction waste shall be partly reused/ recycled and remaining shall be disposed to the authorized site with the permission of T.M.C.
Waste generation in the operation Phase:	Dry waste:	932 Kg/day
	Wet waste:	621 Kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	61 kg/day
	Others if any:	Not Applicable


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Mode of Disposal of waste:	Dry waste:	To T.M.C
	Wet waste:	Organic Waste Converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	48 Sq. mt.
	Area for machinery:	12 Sq. mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 9.00 Lacs
	O & M cost:	Rs. 2.18 Lacs/annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set	--	--	--	--	--

40. Details of Fuel to be used

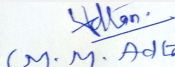
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSG	--	--	--

41. Source of Fuel	--
42. Mode of Transportation of fuel to site	--


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43.Green Belt Development	Total RG area :	On ground: 3591.00 Sq. mt. ; Additional Green Cover: 1500.00 Sq.mt.
	No of trees to be cut :	15 Nos.
	Number of trees to be planted :	Total 197 Nos.
	List of proposed native trees :	As shown below
	Timeline for completion of plantation :	At the time of completion of project


44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	21	Attracts bees and butterflies for pollination.
2	Nyctanthes arbor-tristis	Parijatak	20	Flowering Tree. Flowers yield an essential oil
3	Murraya paniculata	Kunti	20	Flowers have aromatic fragrance. Used in traditional medicine
4	Albizia lebbek	Shirish	10	Shady Tree. Bark of the tree is used for various ailments in Ayurveda.
5	Azadiracta Indica	Neem	20	Large tree, fast-growing evergreen tree, drought resistance, Medicinal properties, good for roadside plantation
6	Ailanthus excelsa	Maharukh	9	Shady evergreen tree with red-yellow flowers.
7	Ficus retusa	Nandruk	15	Evergreen shady tree & indigenous fruit
8	Alstonia Sclaris	Satwin	12	Tall Tree. The flowers are very fragrant
9	Pongamia pinnata	Karanj	10	Evergreen multipurpose tree. Particularly valued for its oil and it also supplies dyestuff, wood, fuel, insect repellent, medicines etc.
10	Saraca asoka	Sita Ashok	12	Quick growing, Shady, large tree having medicinal and commercial properties.
11	Bombax ceiba	Katesavar	10	Shady tree Used in Roadside Plantation
12	Cocos nucifera	Coconut	10	Fruit are used most versatile Every part of the coconut and the tree has virtually got a use
13	Anthocephallus cadamba	Kadamb	10	Ornamental Tree Used in roadside Plantation
14	Michelia champaca	Son chafa	18	Evergreen tree, Butterfly host plant

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	--	--	--


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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	1 No. of 80 kVA
	During Operation phase (Connected load):	16221 KW
	During Operation phase (Demand load):	4632 KW
	Transformer:	7 Nos. 1000 KVA each
	DG set as Power back-up during operation phase:	1 DG set of 1010 KVA capacity
	Fuel used:	HSG
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Energy saving in common area using Energy efficient Lights / Chokes.
All motors are energy efficient
Lifts with V3F drive and Regenerative type
Solar hot water provision

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving	20%
2	Energy saving due to renewable energy	2%

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Sewage	--	STP
Solid waste	--	Organic Waste Convertor

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20.00 Lacs
	O & M cost:	Rs. 1.00 Lacs/annum

51. Environmental Management plan Budgetary Allocation

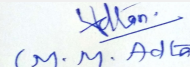
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	3.60


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2	Air Environment	Air and Noise Monitoring: On site Sensors	12.50
3	Air Environment	Air and Noise Monitoring: By outside MoEF & CC Approved Laboratory	1.10
4	Water Environment	Drinking water analysis	0.15
5	Land Environment	Site Sanitation	5.00
6	Health & Hygiene	Disinfection- Pest Control	6.00
7	Health & Hygiene	Health Check-up of workers	13.50
8	Cost towards Disaster Management	--	34.20

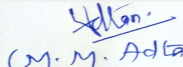
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR & NOISE ENVIRONMENT - Ambient Air quality & Noise Monitoring:	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.22
2	AIR & NOISE ENVIRONMENT- Cost for DG Stack Exhaust Monitoring	1 no. of stack	No set up cost is involved	0.05
3	AIR & NOISE ENVIRONMENT - Maintenance of sensors For Air & Noise	--	Set up Cost already considered in construction phase	0.50
4	AIR & NOISE ENVIRONMENT - Cost for Plantation	RG area	28.00	1.20
5	WATER ENVIRONMENT - Waste water treatment	Cost for sewage Treatment Plant	75.00	14.84
6	WATER ENVIRONMENT - Waste water treatment	Onsite Sensor	18.00	1.00
7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.03
8	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Recharge pits	18.00	0.90
9	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for RWH tanks	6.00	0.30


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10	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for Rain Water collected in tanks	9.00	0.03
11	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Rainwater Monitoring	No set up cost is involved	0.05
12	LAND ENVIRONMENT - Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	9.00	2.10
13	LAND ENVIRONMENT - Solid Waste Management	Environmental Monitoring	No set up cost is involved	0.08
14	ENERGY CONSERVATION - Use of renewable energy	Solar System	20.00	1.00
15	Cost towards disaster management	--	175.20	2.03

51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)


Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

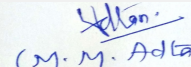
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Two Entry and exit
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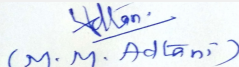

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Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	2 Nos. ad-measuring 33183.00 Sq.mt. area
	Total Parking area:	31184.00 Sq. mt.
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Required: 714 nos. ; Provided: 714 Nos.
	Number of 4-Wheelers as approved by competent authority:	Required: 545 nos. ; Provided: 759 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Min 6.0 mt.
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Approx 0.870 Km. ; Tungareshwar Wildlife Sanctuary: Approx 5.30 Km.
	Category as per schedule of EIA Notification sheet	8 (b) B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	20-09-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


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Representative of PP was present during the meeting along with Environmental Consultant M/S. Ultra-Tech.

PP informed that, the project under consideration is *proposed New Residential and Commercial Development project*. PP further stated that, the total plot area of the project is 17220.00 Sq.mt. having total construction area 108989.00Sq.mt. (FSI - 38452 .00 Sq.mt. + NON FSI- 70537.00 Sq.mt.) and the building (one building with three towers) configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Tower 1	Lower Ground + Ground + Upper Ground + 2 Podium Level + Stilt + 1st to 38 Floors	150.00
Tower 2	Ground + Upper Ground + 2 Podium Level + Stilt+1st to 38 Floors	150.00
Tower 3	Ground + Upper Ground + 2 Podium Level + Stilt+1st to 38 Floors	150.00
Club House	Ground + 1 Floor	--

It is noted that, the proposal was considered earlier in 85th meeting held on 19-01-2019 and deferred due to representative of PP was not with authority letter.

During the meeting, PP stated that, they have not submitted the plan to the local planning Authority. PP could not submit the copy of acknowledgement for plans/ copy of LoI or copy of L.P.


DECISION OF SEAC

In view of above, the proposal is deferred and shall be considered only after the compliance of above observations.

Specific Conditions by SEAC:

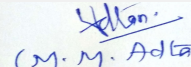
FINAL RECOMMENDATION

SEAC-II decided to defer the proposal. Kindly find SEAC decision above.


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Agenda of 97th SEAC-2 Day-1 meeting held on 24th April, 2019

SEAC Meeting number: 97 Meeting Date April 24, 2019

Subject: Environment Clearance for Environment Clearance for Residential Project with Retail shops at Village Temghar and Bhadvad, Taluka - Bhiwandi, District - Thane, Maharashtra

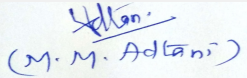
Is a Violation Case: No

1.Name of Project	"Residential Project with Retail shops"
2.Type of institution	Private
3.Name of Project Proponent	M/s. Prakhhyat Dwellings LLP
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. Nos. 128/3, 129/1, 129/2 of Village Temghar & S. Nos. 40/1P, 40/2/2, 40/3/2, 40/4, 40/9, 40/5, 40/6, 40/7, 40/8, 40/10, 40/11, 40/12, 40/13/1P, 40/13/2, 42, 43/1, 43/2, 43/3, 44/1P, 44/2P, 44/2/P, 44/2P, 44/3/1, 44/3/2, 44/4, 44/5, 44/6, 45/1, 45/2P, 45/3P, 45/4, 45/5, 45/6, 45/7, 45/8, 45/9, 45/12, 58/6, 58/7/1, 58/7/2, 58/8, 58/9, 58/11, 58/12, 58/13, 58/14, 58/16, 58/17, 58/18, 58/19, 58/20, 58/21, 58/22, 83/3, 83/4, 83/6, 83/7, 83/9, 84/1 of Village Bhadvad
9.Taluka	Bhiwandi
10.Village	Bhadvad & Temghar
Correspondence Name:	Mr. Sandeep Bagla (Partner) & Mr. Rakesh Jain
Room Number:	803/804
Floor:	---
Building Name:	Silver Court, BPS Compound
Road/Street Name:	Devidayal Road
Locality:	Mulund (West)
City:	Mumbai-400080
11.Area of the project	Local Planning Authority: Bhiwandi-Nizampur City Municipal Corporation (BNCMC)
12.IOD/IOA/Concession/Plan Approval Number	Application done on dated 27.04.2017 IOD/IOA/Concession/Plan Approval Number: -- Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	89,050.00 Sq.mt.
16.Deductions	7,741.10 Sq.mt.
17.Net Plot area	81,308.90 Sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1,62,615.00 Sq.mt. b) Non FSI area (sq. m.): 1,09,759.00 Sq.mt. c) Total BUA area (sq. m.): 272374.00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 0 Sq.mt. Approved Non FSI area (sq. m.): 0 Sq.mt. Date of Approval: 27-04-2017
19.Total ground coverage (m2)	13,617.00 Sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17 %
21.Estimated cost of the project	6000000000


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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Tower 1	Basement + Stilt + 21 Floors	65.00
2	Tower 2	Basement + Stilt + 21 Floors	65.00
3	Tower 3	Basement + Stilt + 21 Floors	65.00
4	Tower 4	Basement + Stilt + 21 Floors	65.00
5	Tower 5	Basement + Stilt + 21 Floors	65.00
6	Tower 6	Basement + Stilt + 21 Floors	65.00
7	Tower 7	Basement + Stilt + 21 Floors	65.00
8	Tower 8	Stilt + 21 Floors	65.00
9	Tower 9	Stilt + 21 Floors	65.00
10	Tower 10	Stilt + 11 Floors	38.90
11	Tower 11	Basement + Stilt + 21 Floors	65.00
12	Tower 12	Basement + Stilt + 21 Floors	65.00
13	Tower 13	Basement + Stilt + 21 Floors	65.00
14	Tower 14	Basement + Stilt + 21 Floors	65.00
15	Tower 15	Basement + Stilt + 21 Floors	65.00
16	Tower 16	Basement + Stilt + 21 Floors	65.00
17	Tower 17	Stilt + 21 Floors	65.00
18	Tower 18	Stilt + 21 Floors	65.00
19	Retail Building (Convenient Shopping)	2 Basements + Ground + 3 Floors	15.80
20	Club House	Ground +1 Floor (2 Nos.)	7.50

23. Number of tenants and shops	Flats: 2880 Nos. Shops: 52 Nos.
24. Number of expected residents / users	13,610 nos.
25. Tenant density per hectare	354/hector
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 mt and 24 mt wide DP roads
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 mt.
29. Existing structure (s) if any	Site is an Open Land

30.Details of the demolition with disposal (If applicable)	NA
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31.Production Details


Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	BNCMC/ Tanker water for Swimming pool make up
	Fresh water (CMD):	From BNCMC - 1215 KLD
	Recycled water - Flushing (CMD):	610 KLD
	Recycled water - Gardening (CMD):	152 KLD
	Swimming pool make up (Cum):	10 KLD
	Total Water Requirement (CMD) :	1987 KLD
	Fire fighting - Underground water tank(CMD):	1000 KL
	Fire fighting - Overhead water tank(CMD):	185 KL
	Excess treated water	660 KLD
Wet season:	Source of water	BNCMC/ Tanker water for Swimming pool make up/RWH
	Fresh water (CMD):	From BNCMC - 1124 KLD & From RWH - 91 KLD)
	Recycled water - Flushing (CMD):	610 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	10 KLD
	Total Water Requirement (CMD) :	1835 KLD
	Fire fighting - Underground water tank(CMD):	1000 KL
	Fire fighting - Overhead water tank(CMD):	185 KL
	Excess treated water	812 KLD
Details of Swimming pool (If any)	Swimming pool of 715 Cum	

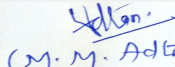
33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	0.8 to 1.9 mt. below ground level
	Size and no of RWH tank(s) and Quantity:	5 Nos. of RWH tanks of total capacity 410 KL
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	6 Nos. of recharge pits
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	Rs. 56.00 Lacs
	Budgetary allocation (O & M cost) :	Rs. 2.33 Lacs/annum
	Details of UGT tanks if any :	Location of UG tanks: Underground

35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the external storm water drain
	Quantity of storm water:	1.87 m3/sec
	Size of SWD:	2.06 m3/sec

Sewage and Waste water	Sewage generation in KLD:	1580 KLD
	STP technology:	Moving Bed Bio Reactor (MBBR)
	Capacity of STP (CMD):	Tower 1 to 4 - 390 KL ; Tower 5 to 9 - 500 KL ; Tower 10 to 14 - 450 KL ; Tower 15 & 16 & Retail Shops - 200 KL ; Tower 17 & 18 - 200 KL ; Total -1740 KL
	Location & area of the STP:	Tower 1 to 4 - Basement (Area: 335 Sq.mt.) ; Tower 5 to 9 - Basement (Area: 481 Sq.mt.) ; Tower 10 to 14 - Basement (Area: 415 Sq.mt.) ; Tower 15 & 16 & Retail Shops - Basement (Area: 171 Sq.mt.) ; Tower 17 & 18 - Underground (Area: 175 Sq.mt)
	Budgetary allocation (Capital cost):	Rs. 391.38 Lacs
	Budgetary allocation (O & M cost):	Rs. 82.69 Lacs/annum

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavation earth material (100000 cum) shall be partly reused (500 cum) on site and partly shall be disposed (95000 cu.m) to authorized landfill sites.
	Disposal of the construction waste debris:	Construction waste shall be partly reused on the site and partly will be disposed to the authorized landfill site
Waste generation in the operation Phase:	Dry waste:	3642 kg/day
	Wet waste:	2427 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	237 kg/day

Mode of Disposal of waste:	Dry waste:	To BNCCM
	Wet waste:	Composting in Organic Waste Converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	180 Sq. mt.
	Area for machinery:	48 Sq. mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 36 Lacs
	O & M cost:	Rs. 11.23 Lacs/annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set	--	--	--	--	--

40. Details of Fuel to be used

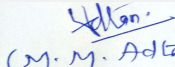
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	--	--	--

41. Source of Fuel	Not applicable
42. Mode of Transportation of fuel to site	Not applicable


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43.Green Belt Development	Total RG area :	21,700 Sq. mt.
	No of trees to be cut :	250 Nos.
	Number of trees to be planted :	1000 Nos.
	List of proposed native trees :	As shown below
	Timeline for completion of plantation :	At the time of completion of project.

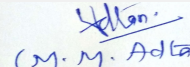
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	60	This native of India, commonly known as Amaltaas, is one of the most beautiful of all tropical trees when it sheds its leaves and bursts into a mass of long, grape-bunches like yellow gold flowers
2	Erythrina indica	Pangara	70	Indian Coral Tree is a showy, spreading tree legume with brilliant red blossoms. This highly valued ornamental has been described as one of the gems of the floral world.
3	Putranjiva roxburghii	Putranjiva	70	Putranjiva is a famous, moderate-sized, evergreen tree, growing up to 12 m in height. It has pendant branches and dark grey bark having horizontal lenticels. Leaves are simple, alternately arranged, dark green, shiny, elliptic-oblong, distantly serrated.
4	Lagestromia speciosa	Taman	60	Lagerstroemia speciosa is commonly known as crape myrtle belonging to the Lythraceae family. Lagerstroemia speciosa or Banaba is a medicinal tree traditionally used to lower blood sugar in the body. Its high content of corosolic acid makes it an effective anti-diabetic drug.
5	Michelia champaca	Sonchafa	90	Champa is very well known flower native to the Himalayas, and popular for its fragrant flowers. It is a tree up to 50 m or taller, up to 1.9 m d.b.h. Flowers are fragrant, tepals 15-20, yellow, inverted-lanceshaped, 2-4 x 0.4-0.5 cm.
6	Azadirachta indica	Neem	90	Neem is native to India and Burma. It is the state tree of Andhra Pradesh. Neem is a fast growing tree that can reach a height of 15-20 m, rarely to 35-40 m.



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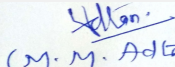

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7	Neolamarckia cadamba	Kadamba	70	Tree up to 45 m tall, without branches for more than 25 m. Diameter up to 100 (-160) cm but normally less; sometimes with buttresses. The crown is umbrella shaped and the branches are characteristically arranged in tiers.
8	Terminalia arjuna	Arjun	80	Native to India, the tree attracts lot of attention because of its association with mythology and its many uses. Arjuna is a large, evergreen tree, with a spreading crown and drooping branches.
9	Mimusops elengi	Bakul	40	Spanish cherry is a lovely green small tree of the Indian subcontinent. With its small shiny, thick, narrow, pointed leaves, straight trunk and spreading branches, it is a prized ornamental specimen because it provides a dense shade and during the months from March to July fills the night air with the delicious heady aroma of its tiny cream colored flowers.
10	Ailanthus excelsa	Maharukh	70	Indian Tree of Heaven is a large deciduous tree, 18-25 m tall; trunk straight, 60-80 cm in diameter; bark light grey and smooth, becoming grey-brown and rough on large trees, aromatic, slightly bitter.
11	Murraya paniculata	Kunti	60	Kamini flowers have an aromatic orange-like fragrance. Native to India, Kamini is a large, multi-trunked shrub, but can grow to become a small tree.
12	Mangifera indica	Mango	90	It is a matter of astonishment to many that the delicious mango, one of the most celebrated of Indian fruits, is a member of the family Anacardiaceae-notorious for embracing a number of highly poisonous plants.
13	Pongamia pinnata	Karanj	30	A fast-growing deciduous tree up to 20 metres tall that is thought to have originated in India and is found throughout Asia.
14	Bauhinia variegata	Kanchan	50	Kachnar is closely related to peacock flower and to the tree many consider the world's most beautiful, the royal poinciana - and it shows! Orchid tree is staggeringly beautiful when in bloom - and it blooms for several months! Orchid tree grows 20-40 ft tall and 10-20 ft wide with a spreading crown of briefly deciduous leaves which are 4-6 in across and rounded with lobed ends and heart shaped bases.


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15	Saraca asoka	Sita ashok	70	Ashoka is one of the most legendary and sacred trees of India, and one of the most fascinating flowers in the Indian range of flower essences. Ashok is a Sanskrit word meaning without grief or that which gives no grief.
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45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	--	--	--

47.Energy

Power requirement:	Source of power supply :	Torrent Power Ltd.
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	48 MW
	During Operation phase (Demand load):	13 MW
	Transformer:	Substation-1: 4#1000 kVA ; Substation-2: 5#1000 kVA ; Substation-3: 5#1000 kVA ; Substation-4: 4#1000 kVA ; Total project - 18 No's 1000 kVA transformers.
	DG set as Power back-up during operation phase:	4 nos. D.G sets of capacity 600 kVA each
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	NA	

48.Energy saving by non-conventional method:


External lighting Using Solar Lights.
 Use of Energy efficient Lights / Chokes.
 Plumbing, Fire & Ventilation with energy efficient motors.
 Lifts with V3F drive and Regenerative type.
 Use of solar hot water.
 All vertical fenestration will be as per ECBC.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving	18%

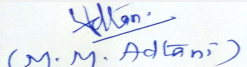
50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	STP


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Solid waste	Not applicable	Organic Waste Converter
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 235 Lacs
	O & M cost:	Rs. 2.75 Lacs/annum


51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	21.60
2	Air Environment	Air and Noise Monitoring: On site Sensors	15.00
3	Air Environment	Air and Noise Monitoring: By outside MoEF & CC Approved Laboratory	6.60
4	Water Environment	Wastewater monitoring	1.80
5	Land Environment	Site Sanitation	5.00
6	Health & Hygiene	Disinfection- Pest Control	12.00
7	Health & Hygiene	Health Check-up of workers	45.00
8	Cost towards Disaster Management	--	1100.00

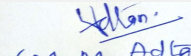
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR & NOISE ENVIRONMENT - Ambient Air quality & Noise Monitoring:	On site sensors	No set up cost is involved as already considered Construction Phase	0.50
2	AIR & NOISE ENVIRONMENT - Ambient Air quality & Noise Monitoring:	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.44
3	AIR & NOISE ENVIRONMENT - Cost for DG Stack Exhaust Monitoring	4 nos. of stacks	No set up cost is involved	0.19
4	AIR & NOISE ENVIRONMENT - Cost for Plantation	21,700 Sq.mt. of RG area on ground	119.35	1.20
5	WATER ENVIRONMENT - Waste water treatment	Cost for sewage Treatment Plant	301.38	77.69
6	WATER ENVIRONMENT - Cost for water & waste water Monitoring	On site sensors	90.00	5.00


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7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.14
8	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for RWH tanks	41.00	2.05
9	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for Rain Water collected in tanks	15.00	0.05
10	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Rainwater Monitoring	No set up cost is involved	0.23
11	LAND ENVIRONMENT - Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	36.00	11.23
12	LAND ENVIRONMENT - Solid Waste Management	Environmental Monitoring	No set up cost is involved	0.32
13	ENERGY CONSERVATION - Use of renewable energy	Solar PV panels	235.00	2.75
14	Cost towards disaster management	--	1096.00	36.20

51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)


Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

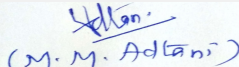
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	3 nos. of entry/exit
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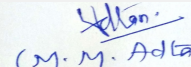

(M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)

Parking details:	Number and area of basement:	Area of Basement: 27,137 sq. mt. (1 basement in residential bldgs. & 2 basement in Retail bldg)
	Number and area of podia:	NA
	Total Parking area:	45,645.00 Sq. mt.
	Area per car:	As per NBC
	Area per car:	As per NBC
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	1633 nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Minimum 6 mt. wide
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Tungareshwar Wildlife Sanctuary: Approx. 10.00
	Category as per schedule of EIA Notification sheet	8(b) B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	26-11-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


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 (M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)

Representative of PP was present during the meeting along with environmental consultant M/s. Ultra-Tech.

PP informed that, the project under consideration is *proposed New Housing project*. PP further stated that, the total plot area of the project is 89,050.00 Sq.mt having total construction area 272374.00 Sq. mt. (FSI - 1,62,615.00 Sq.mt + NON FSI- 1,09,759.00 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Tower 1	Basement + Stilt + 21 Floors	65.00
Tower 2	Basement + Stilt + 21 Floors	65.00
Tower 3	Basement + Stilt + 21 Floors	65.00
Tower 4	Basement + Stilt + 21 Floors	65.00
Tower 5	Basement + Stilt + 21 Floors	65.00
Tower 6	Basement + Stilt + 21 Floors	65.00
Tower 7	Basement + Stilt + 21 Floors	65.00
Tower 8	Stilt + 21 Floors	65.00
Tower 9	Stilt + 21 Floors	65.00
Tower 10	Stilt + 11 Floors	65.00
Tower 11	Basement + Stilt + 21 Floors	65.00
Tower 12	Basement + Stilt + 21 Floors	65.00
Tower 13	Basement + Stilt + 21 Floors	65.00
Tower 14	Basement + Stilt + 21 Floors	65.00
Tower 15	Basement + Stilt + 21 Floors	65.00
Tower 16	Basement + Stilt + 21 Floors	65.00
Tower 17	Stilt + 21 Floors	65.00
Tower 18	Stilt + 21 Floors	65.00
Retail Building (Convenient Shopping)	2 Basements + Ground + 3 Floors	15.80
Club House	Ground +1 Floor (2 Nos.)	7.50

PP stated that, the project specific ToR received from State Level Expert Appraisal Committee 2 (SEAC 2) in April, 2016. It is noted that, the proposal was considered earlier in 84th meeting held on 08-01-2019 and deferred due to important observations namely 1) to ensure that no possession shall be given before completion of the sewer lines and permission for the connection to the same by the competent authority. Local body to ensure the same. Local body to also ensure that no commencement & occupation certificate is given to the project until sewer lines and storm water is developed and connected to the project 2) BoD should be less than 5. 3) to submit the detail storm water drain calculations and NoC from local planning authority for the same. 4) The project considered out of turn on the basis of PMAY project. PP to submit self-declaration clearly specifying project is part of the PMAY scheme of Housing Department. 5) to submit & upload the design & cross section of STPs indicating 50% area open to sky for adequate ventilation 6) to submit NoC from local planning Authority regarding demolition & debris disposal /waste as per Construction and Demolition Waste Management Rules 2016 7) the excavated soil will be used in on site itself. 8) to submit the NoC from National Board for Wildlife (NBWL)/ State Board for Wildlife (SBWL), if applicable. 9) to submit comparative statement regarding assessment of Environment Impact as per earlier EIA, Actual and impact due to proposed expansion. 10) to submit Traffic analysis, Ventilation analysis, Shadow analysis, wind analysis report and measures to reduce heat island effect. 11) to submit project specific DMP 13) PP to ensure that RG required is as per the norms and should be on Mother Earth and 14) PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, EIA presentation & plans submitted are taken on the record.

DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to submit the NoC for Storm Water drains. PP to ensure that no possession shall be given before completion of the sewer lines and permission for the connection to the same by the competent authority. Local body to ensure the same. Local body to also ensure that no commencement & occupation certificate is given to the project until sewer lines and storm water is developed and connected to the project.
- 2) PP to provide 50% of ventilation to STP by providing grill to the top of MBBR tank & settler tank & shed above on it so that rain water will not be mixed in STP tanks.
- 3) PP to upload State Board for Wildlife (SBWL)/ National Board for Wildlife (NBWL) NoC and PP to abide all the conditions stipulated in the same.
- 4) PP to ensure that proposed DP road 18 Mt wide road situated at NW & 24 Mt wide road also should be constructed before applying for OC to Local body to ensure that no Occupation Certificate is given to the project until above roads are developed as accessibility established to the project.
- 5) PP to upload data length used for daylight, shadow & wind analysis. Also upload the table stating number of flats receiving direct sunlight & number of flats receiving diffused sunlight.
- 6) PP to submit CER of 1 % prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertake under CER to be get approved from collector/ local body or Environment Department.

FINAL RECOMMENDATION

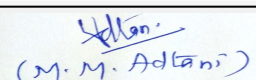
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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Shri M.M.Adtani (Chairman
SEAC-II)

Agenda of 97th SEAC-2 Day-1 meeting held on 24th April, 2019

SEAC Meeting number: 97 Meeting Date April 24, 2019

Subject: Environment Clearance for Expansion and Amendment of "Proposed Residential Development

Is a Violation Case: No

1.Name of Project	"Proposed Residential Development, At- Village Kanjur, Kanjurmarg (East) Mumbai.
2.Type of institution	Private
3.Name of Project Proponent	M/s. Kanakia Spaces Realty Pvt. Ltd.
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion and Amendment
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Received Environmental Clearance dtd. 24.04.2017
8.Location of the project	At- C.T.S No. 1015, 1015/1 to 3 of Village- Kanjur, Kanjurmarg (East) Mumbai - 400 042.
9.Taluka	Kurla
10.Village	Kanjur
Correspondence Name:	Mr. Devang Shah (Vice President Liaison)
Room Number:	215
Floor:	10th Floor
Building Name:	Atrium
Road/Street Name:	Andheri Kurla Road
Locality:	Andheri (E)
City:	Mumbai
11.Area of the project	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12.IOD/IOA/Concession/Plan Approval Number	Received approved Plan dt. 16.01.2018
	IOD/IOA/Concession/Plan Approval Number: CHE/ES/0196/S-T/337 (New)
	Approved Built-up Area: 25554.14
13.Note on the initiated work (If applicable)	Received Environmental Clearance dtd. 24.04.2017. Received IOD and CC from MCGM. Part construction completed as per EC
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	11500.60 Sq.mt.
16.Deductions	1231.05 sq.mt.
17.Net Plot area	10269.55 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 31735.78 sq.mt.
	b) Non FSI area (sq. m.): 17586.19 sq.mt.
	c) Total BUA area (sq. m.): 49321.97
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 25554.14
	Approved Non FSI area (sq. m.): shall be submitted
	Date of Approval: 16-01-2018
19.Total ground coverage (m2)	1635.09 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15 %
21.Estimated cost of the project	3418600000

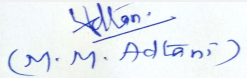
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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1	One building with Wings A to F	Basement + Stilt + 1st to 22nd Upper Floor	69.90 up to terrace level
2	Club House	Ground + 1 floor	7.90 mt.
23.Number of tenants and shops	Total Nos. of Flats : 521 Nos.		
24.Number of expected residents / users	2364 Nos.		
25.Tenant density per hectare	506 /hector		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.3 mt. wide Kanjur Village Road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.0		
29.Existing structure (s) if any	Part construction completed as per EC.		
30.Details of the demolition with disposal (If applicable)	Not Applicable		

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable


32.Total Water Requirement

Dry season:	Source of water	M.C.G.M. /Water tanker of potable quality
	Fresh water (CMD):	213
	Recycled water - Flushing (CMD):	107
	Recycled water - Gardening (CMD):	19
	Swimming pool make up (Cum):	1
	Total Water Requirement (CMD) :	340
	Fire fighting - Underground water tank(CMD):	392 KL
	Fire fighting - Overhead water tank(CMD):	180 KL
	Excess treated water	124


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Wet season:	Source of water	M.C.G.M./ Partly by Rain Water Harvesting
	Fresh water (CMD):	213 [(197 from M.C.G.M.) & (16 from R.W.H. Tank)]
	Recycled water - Flushing (CMD):	107
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	1
	Total Water Requirement (CMD) :	321
	Fire fighting - Underground water tank(CMD):	392 KL
	Fire fighting - Overhead water tank(CMD):	180 KL
	Excess treated water	143


Details of Swimming pool (If any) Volume of Swimming pool - 79 m3

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

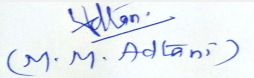
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5m. to 6m. below ground level
	Size and no of RWH tank(s) and Quantity:	2 Rain water collection tanks of capacity 105 KL
	Location of the RWH tank(s):	Underground and Basement
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 14.00 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.59 Lacs/annum
	Details of UGT tanks if any :	Location(s) of the UGT tank(s): Basement Level

35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD.
	Quantity of storm water:	0.20 m3/sec
	Size of SWD:	3 discharge points of size 450 mm wide channel with slope 1: 200


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Sewage and Waste water	Sewage generation in KLD:	277 KLD
	STP technology:	Moving Bed Bio Reactor (MBBR)
	Capacity of STP (CMD):	STP of Capacity 340 KL
	Location & area of the STP:	Basement Level, Area: 298 m ²
	Budgetary allocation (Capital cost):	Rs. 91.59 Lacs
	Budgetary allocation (O & M cost):	Rs. 12.66 Lacs/annum

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Disposal of excavation material to Authorized landfill site
	Disposal of the construction waste debris:	Construction waste material generated shall be partly recycled and partly shall be disposed to the authorized sites.
Waste generation in the operation Phase:	Dry waste:	639 Kg/day
	Wet waste:	426 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	42 Kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	To authorized Recyclers
	Wet waste:	Treatment in Organic Waste Converters (OWC)
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	As manure
	Others if any:	NA
Area requirement:	Location(s):	Basement level
	Area for the storage of waste & other material:	15 sq.mt.
	Area for machinery:	12 Sq.mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 9.00 Lacs
	O & M cost:	Rs. 2.35 Lacs/annum

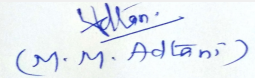
37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			


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Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable


41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	2707.51 sq.mt.
	No of trees to be cut :	14
	Number of trees to be planted :	295
	List of proposed native trees :	List of proposed native trees is given below
	Timeline for completion of plantation :	Before occupation


44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Areca catechu	Supari	49	Used as interior landscaping species
2	Mimusops elengi	Bakul	34	Evergreen tree, used in Ayurvedic medicine as an anthelmintic, tonic, and febrifuge
3	Azadirachta indica	Neem	20	Fast-growing tree have medicinal property used in pest control products
4	Casia fistula	bahava	19	Attracts bees and butterflies for pollination


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5	Casuarina equisetifolia	Suru	18	Evergreen tree. It is an actinorhizal plant
6	Lagerstroemia flos-reginae	Tamhan	23	Ornamental plant , used in traditional medicine for reducing glucose in blood.
7	Michelia champaka	Son Chafa	11	Evergreen tree, Butterfly host plant.
8	Murraya paniculata	Kunti	30	Flowers have aromatic fragrance. Used in traditional medicine as an analgesic
9	Neolamarckia cadamba	Kadamb	13	Quick growing, Shady, large tree having medicinal and commercial properties.
10	Plumeria alba	Chafa	21	Evergreen Tree
11	Saraka asoka	Sita Ashok	23	Sacred trees of India, and one of the most fascinating flowers essence
12	Delonix regia	Gulmohar	4	An ornamental plant with medicinal uses
13	Peltophorum pterocarpum	Copper Pod	30	Ornamental & shady tree, wood has a wide variety of uses

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Co. Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	9998
	During Operation phase (Demand load):	4415
	Transformer:	--
	DG set as Power back-up during operation phase:	1 DG set of 750 kVA
	Fuel used:	Low Sulphur Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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- 50 % external lighting on solar & timer controlled operation for reducing amount of light at different stage
- Provision of BEE rated 5 star pumps for lift operations
- Provision of high efficiency motors with 5 star BEE rating and with High/low level sensors for all water, Fire pump motors
- Provision of Solar for Common area lighting
- Provision of LED lights instead of FTL with reduce amount of light wattage at different stages for buildings

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall Energy Saving	23 %
2	Saving due Renewable Energy	6 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 38.00 Lacs
	O & M cost:	Rs. 1.90 Lacs/annum


51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust suppression	5.40
2	Air Environment-Air & Noise monitoring	Sensors for Air and Noise quality monitoring	12.50
3	Air Environment-Air & Noise monitoring	By outside MOEF Approved Laboratory	1.10
4	Water Environment	Drinking water analysis	0.90
5	Land Environment	Site Sanitation	5.0
6	Health & Hygiene	Disinfection- Pest Control	6.0
7	Health & Hygiene	Health Checkup of workers	22.50
8	Cost towards Disaster management	--	485

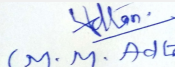
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air, Noise Environment & Biological Environment	Cost for Gardening	14.89	1.20
2	Air, Noise Environment & Biological Environment	Cost for Ambient air & Noise Monitoring	*No set up cost is involved	0.22


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3	Air, Noise Environment & Biological Environment	Maintenance of sensors - Air & Noise	Set up already considered in construction phase	0.50
4	Air, Noise Environment & Biological Environment	Cost for DG Stack Exhaust Monitoring	*No set up cost is involved	0.05
5	Water Environment - Waste water treatment	Cost for sewage Treatment Plant	73.59	11.63
6	Water Environment - Waste water treatment	Cost for Waste water Monitoring-On site sensors	18.00	1.00
7	Water Environment - Waste water treatment	Cost for Waste water Monitoring-By outside MOEF Approved Laborator	*No set up cost is involved	0.03
8	Water Environment - Water Conservation (Rain Water Harvesting System)	Cost for RWH tanks	11.0	0.53
9	Water Environment - Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for rain water tanks	3.00	0.01
10	Water Environment - Water Conservation (Rain Water Harvesting System)	Cost for Rainwater Monitoring	*No set up cost is involved	0.05
11	Land Environment (Solid Waste Management)	Cost for Treatment of biodegradable garbage in OWC	9.00	2.27
12	Land Environment (Solid Waste Management)	Cost for monitoring of organic manure	*No set up cost is involved	0.08
13	Energy Conservation	Solar System	38.00	1.90
14	Cost towards Disaster management	--	435	30.55

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

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	Nos. of the junction to the main road & design of confluence:	Two Entry and exits from Existing Kanjur -Village Road
Parking details:	Number and area of basement:	1 Basement
	Number and area of podia:	NA
	Total Parking area:	6779.11
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Required - Nil, Provided - 134 Nos.
	Number of 4-Wheelers as approved by competent authority:	Required - 568 Nos., Provided - 742 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.0-7.5 Mt.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park : 2 Km
	Category as per schedule of EIA Notification sheet	8 a (B2)
	Court cases pending if any	NA
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	03-03-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 97 Meeting Date: April 24, 2019	Page 86 of 100	 Shri M.M.Adtani (Chairman SEAC-II)
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Representative of PP was present during the meeting along with environmental consultant M/s. Ultra-Tech.

PP informed that, the project under consideration is *proposed Housing Expansion and Amendment Project*. PP further stated that, the total plot area of the project is 11500.60 Sq.mt having total construction area 49321.97 Sq.mt.(FSI - 31735.78Sq. mt. + NON FSI- 17586.19Sq. mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
One building with Wings A to F	Basement + Stilt + 1st to 22 nd Upper Floor	69.90 up to terrace level
Club House	Ground + 1 floor	7.90 mt.

It is noted that, the proposal was considered earlier in 64th meeting held on 31-07-2018 and deferred due to absence of PP.


PP stated that, they have received prior Environmental Clearance (EC) vide letter dated 24.04.2017 for total Construction built up area of 46730.03 Sq.mt. PP stated that till now Total Constructed area (FSI + Non FSI) on site is 36,244.56 Sq. mt.

PP further stated that, now project under consideration is due to revised policy w.r.t. Road width TDR. Therefore increase in total Construction Built-up area from 46730.03 Sq.mt. to 49321.97 Sq.mt. and also Podium, Wing G and Shops are not proposed and therefore amendment in EC. PP stated that, the Podiums of building A,B & C will be converted to the habitable floors.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements,

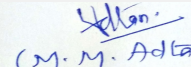
DECISION OF SEAC

Record.


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(M. M. Adtani)
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After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points.

Specific Conditions by SEAC:

- 1) PP to upload Architect certificate regarding building wise construction done on site.
- 2) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 3) PP to submit CER of 0.75 % prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertake under CER to be get approved from collector/ local body or Environment Department.

FINAL RECOMMENDATION

SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

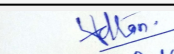
SEAC-AGENDA-0000000254



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**Shri M.M.Adtani (Chairman
SEAC-II)**

Agenda of 97th SEAC-2 Day-1 meeting held on 24th April, 2019

SEAC Meeting number: 97 Meeting Date April 24, 2019

Subject: Environment Clearance for Environmental Clearance (EC) for Proposed Development with Sale and PTC Component at Village- Hariyali, Kanjur (W), Mumbai.

Is a Violation Case: No

1.Name of Project	Proposed Development with Sale and PTC Component
2.Type of institution	Private
3.Name of Project Proponent	M/s. Kanakia Spaces Realty Pvt. Ltd.
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	Proposed Development with Sale and PTC Component
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	C.T.S. No(s) 110/A, 110/11 To 110/37 Village- Hariyali, LBS Road, Kanjur (W) situated in S Ward, Tal.: Kurla, Mumbai.
9.Taluka	Kurla
10.Village	Hariyali
Correspondence Name:	M/s. Kanakia Spaces Realty Pvt. Ltd.
Room Number:	--
Floor:	10th Floor
Building Name:	215 Atrium
Road/Street Name:	Andheri Kurla Road
Locality:	Next to Courtyard Marriott Hotel, Opp. Divine Child High School, Andheri (East)
City:	Mumbai - 400093
11.Area of the project	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12.IOD/IOA/Concession/Plan Approval Number	0
	IOD/IOA/Concession/Plan Approval Number:
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	--
15.Total Plot Area (sq. m.)	25,516.30 Sq. mt.
16.Deductions	3,751.26 Sq. mt.
17.Net Plot area	21,765.04 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 106439.99
	b) Non FSI area (sq. m.): 91025.43
	c) Total BUA area (sq. m.): 197466
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 10-01-2019
19.Total ground coverage (m2)	12951.32
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	59.51
21.Estimated cost of the project	10736800000

22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sale: 1 No. of building with 5 wings	--	--
2	Building 1: Wing A & B	Basement + Ground + 1st to 6th (PT. Residential & PT. Podium) + 7th to 33rd Upper Floors	104.90
3	Building 1: Wing C ,D & E:	Basement + Ground (Commercial) + 1st (Commercial) + 2nd to 6th (Pt. Residential & Pt. Podium) + 7th to 33rd Upper Floors	104.90
4	PTC: 3 Nos. of buildings with 7 wings	--	--
5	Building 2	Wing A & B: Ground + 22 Floors	69.20
6	Building 3	Wing C & D: Ground + 22 Floors	69.20
7	Building 4	Wing E, F & G: Ground + 22 Floors	69.20

23.Number of tenants and shops	Sale: Flats: 1078 Nos. ,Shops & Retail: 35 nos.,Fitness Centre: 5 nos., PTC: Flats: 760 nos., Balwadi,,Aanganwadi,Welfare center & library : 3 nos.,Soc. Offices: 8 nos.,Community Hall: 1 no.,
24.Number of expected residents / users	8651 nos.
25.Tenant density per hectare	872/ hectars
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	It is well connected by 30.50 mt. wide D. P. Road & 45.75 mt. wide Jogeshwari Vikhroli Link Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 mt.
29.Existing structure (s) if any	There is a closed down Indian Tube & Metal Industry on the project site which shall be demolished
30.Details of the demolition with disposal (If applicable)	Demolition debris and excavated material generated shall be partly reused on site for backfilling and leveling and remaining shall be sold out to scrap dealer/ disposal to authorized sites with permission from M.C.G.M.


31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

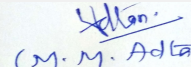
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Dry season:	Source of water	M.C.G.M./ Tanker water for Swimming pool make up								
	Fresh water (CMD):	760 KLD								
	Recycled water - Flushing (CMD):	382 KLD								
	Recycled water - Gardening (CMD):	37 KLD								
	Swimming pool make up (Cum):	3 KLD								
	Total Water Requirement (CMD) :	1182 KLD								
	Fire fighting - Underground water tank(CMD):	1000 KL								
	Fire fighting - Overhead water tank(CMD):	360 KL								
	Excess treated water	471 KLD								
Wet season:	Source of water	M.C.G.M / Tanker water for Swimming pool make up								
	Fresh water (CMD):	760 KLD								
	Recycled water - Flushing (CMD):	382 KLD								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	3 KLD								
	Total Water Requirement (CMD) :	1145 KLD								
	Fire fighting - Underground water tank(CMD):	1000 KL								
	Fire fighting - Overhead water tank(CMD):	360 KL								
	Excess treated water	508 KLD								
Details of Swimming pool (If any)	Swimming pool of Total Volume: 240 cum									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



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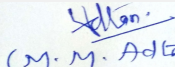

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34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Between 7.0 mt. to 9.0 mt. below ground level
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	14 nos. of recharge pits
	Size of recharge pits :	3.0 mt. x 3.0 mt. x 4.0 mt.
	Budgetary allocation (Capital cost) :	49.00 Lacs
	Budgetary allocation (O & M cost) :	0.84 Lacs
	Details of UGT tanks if any :	Location of UG tanks: Basement /Underground
35. Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD
	Quantity of storm water:	0.63 m ³ /sec
	Size of SWD:	PTC: 450 mm dia. with slope of 1:400 Sale: 600 mm dia. with slope of 1:450
Sewage and Waste water	Sewage generation in KLD:	990 KLD
	STP technology:	MBBR (Moving Bed Bio Reactor)
	Capacity of STP (CMD):	2 Nos. of STPs of Total Capacity 1090 KL
	Location & area of the STP:	Sale: Location - Basement Level & Area - 580 Sq. mt. PTC: Location - Underground & Area - 265.00 Sq. mt.
	Budgetary allocation (Capital cost):	Rs. 330.49 Lacs
	Budgetary allocation (O & M cost):	Rs. 49.18 Lacs/annum
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavation material shall be partly reused on site and remaining shall be disposed to authorized landfill site as per permission from M.C.G.M.
	Disposal of the construction waste debris:	Construction waste shall be partly reused/ recycled and remaining shall be disposed to the authorized site with the permission of M.C.G.M.
Waste generation in the operation Phase:	Dry waste:	2275 Kg/day
	Wet waste:	1516 Kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	148 kg/day
	Others if any:	Not Applicable


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Mode of Disposal of waste:	Dry waste:	To Authorized Recycler
	Wet waste:	Organic Waste Converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	Basement and Ground
	Area for the storage of waste & other material:	80.00 Sq.mt.
	Area for machinery:	24.00 Sq. mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 18.00 Lacs
	O & M cost:	Rs. 6.74 Lacs/annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set	--	--	--	--	--

40. Details of Fuel to be used

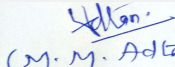
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	--	--	--

41. Source of Fuel	--
42. Mode of Transportation of fuel to site	--


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43.Green Belt Development	Total RG area :	5985.39 Sq. mt.
	No of trees to be cut :	154 Nos.
	Number of trees to be planted :	462 Nos.
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	At the time of completion of project

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Areca catechu	Supari palm	30	Used as an interior landscaping species.
2	Bahunia blakeana	Orchid tree	27	Shady flowering tree.
3	Caryota urence	Fishtail palm	28	Fishtail palm
4	Cassia fistula	Bahava	06	Flowering plant attracts birds and insects. Also planted as an avenue tree.
5	Casuarina	Suru	50	50
6	Lagerstroemia flos-reginae	Pride of india	05	Flowering tree attracts insects and helps to control soil erosion.
7	Michelia champaca	Champa	10	Flowering tree attracts birds and insects.
8	Murraya paniculata	Kamini	60	Flowering tree attracts insects and has medicinal properties
9	Neolamarkia cadamba	Cadamba	14	Fast growing shady tree. Flowering tree attracts insects
10	Plumeria alba	Temple tree	58	Flowering tree.
11	Saraca indica	Sita ashok	12	Shady evergreen tree.
12	Tabebuia rosea	Pink trumpet	02	Flowering tree having medicinal properties.
13	Wodyetia bifurcate	Foz-tail palm	68	Flowering and fruit bearing tree.

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Areca catechu: 32 Nos.	3.74 mt.	98.80 Sq.mt.
2	Murraya paniculata: 28 nos.	2.75 mt.	52.40 Sq.mt.
3	Plumeria alba: 32 Nos.	Avg. 2.15 mt. - 6.50 mt.	185.00 Sq.mt.

47.Energy

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Power requirement:	Source of power supply :	TATA / Adani
	During Construction Phase: (Demand Load)	150 KW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	10620 KW
	During Operation phase (Demand load):	5906 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	Sale Building: 1 DG set of 1500 kVA capacity PTC Building: 1 DG set of 625 kVA capacity
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	--

48. Energy saving by non-conventional method:

- Use of LED Tubes & Lamps
- Use of advanced BEE 3 Star Rated AC Equipment's.
- Use of BEE 5 Star Rated Geysers/ Boilers.
- Provision of 30% of total hot water requirement on Solar.
- Provision of Solar PV panels
- Use of pumps and motors with premium efficiency of 80%.
- Use of energy efficient lifts with VVVF lift Drive.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving	20 %
2	Energy saving due to renewable energy	5 %

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Sewage	--	STP
Solid waste	--	Organic Waste Convertor

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 65.00 Lacs
	O & M cost:	Rs. 3.25 Lacs/annum

51. Environmental Management plan Budgetary Allocation

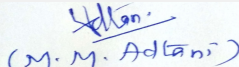
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	10.08


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2	Air Environment	Air and Noise Monitoring: On site Sensors	13.50
3	Air Environment	Air and Noise Monitoring: By outside MoEF & CC Approved Laboratory	1.54
4	Air Environment	EMP for Batching plant	1.61
5	Water Environment	Drinking water analysis	0.21
6	Land Environment	Site Sanitation	10.00
7	Health & Hygiene	Disinfection- Pest Control	8.40
8	Health & Hygiene	Health Check-up of workers	31.50
9	Cost towards Disaster Management	--	315.00

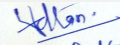
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Environment & Biological Environment	Cost for Gardening	32.92	1.20
2	Air Environment & Biological Environment	Cost for Ambient air & Noise Monitoring	No set up cost is involved	0.22
3	Air Environment & Biological Environment	Maintenance of sensors - Air & Noise	Set up already considered in construction phase	0.50
4	Air Environment & Biological Environment	Cost for DG Stack Exhaust Monitoring	No set up cost is involved	0.02
5	WATER ENVIRONMENT - Waste water treatment	Cost for sewage Treatment Plant	294.49	47.13
6	WATER ENVIRONMENT - Cost for water & waste water Monitoring	On site sensors	36.00	2.00
7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.05
8	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Recharge Pits	49.00	0.84
9	LAND ENVIRONMENT - Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	18.00	6.58


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10	LAND ENVIRONMENT - Solid Waste Management	Cost for Manure Monitoring	No set up cost is involved	0.16
11	ENERGY CONSERVATION	SOLAR ENERGY- Water heating	65.00	3.25
12	Solar Reflectors	Mitigation of Shadow Impact	25.64	0.26
13	DISASTER MANAGEMENT: Cost towards disaster management	--	1303.11	45.82

51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)


Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

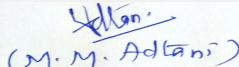
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 Entry and 2 exit
Parking details:	Number and area of basement:	1 Basement (Area: 8566.47 Sq. mt.)
	Number and area of podia:	6 Podiums (Area: 29099.39 Sq. mt.)
	Total Parking area:	31885.77 Sq. mt.
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	276 Nos.
	Number of 4-Wheelers as approved by competent authority:	1592 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Min 6.00 mt.
	CRZ/ RRZ clearance obtain, if any:	Not Applicable


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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Approx 2.00 Km
	Category as per schedule of EIA Notification sheet	8 (b) B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	11-01-2019

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

SEAC-AGENDA-0000000254

Representative of PP was present during the meeting along with environmental consultant M/s. Ultra-Tech.

PP informed that, the project under consideration is *New Development with Sale and PTC Component Project*. PP further stated that, the total plot area of the project is 25,516.30 Sq.mt having total construction area 197466 Sq.mt.(FSI - 106439.99 Sq. mt. + NON FSI- 91025.43 Sq. mt.) and the building configuration is as follow-

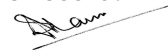
Building Name & number	Number of floors	Height (Mtrs)
Sale: 1 No. of building with 5 wings	--	--
Building 1: Wing A & B	Basement + Ground + 1st to 6 th (PT. Residential & PT. Podium) + 7th to 33rd Upper Floors	104.90
Building 1: Wing C ,D & E:	Basement + Ground (Commercial) + 1st Commercial) + 2nd to 6th (Pt. Residential & Pt. Podium) + 7th to 33rd Upper Floors	104.90
PTC: 3 Nos. of buildings with 7 wings	--	--
Building 2	Wing A & B: Ground + 22 Floors	69.20
Building 3	Wing C & D: Ground + 22 Floors	69.20
Building 4	Wing E, F & G: Ground + 22 Floors	69.20

It is noted that, the proposal was considered earlier in 88th meeting held on 11-02-2019 & ToR for total built up area 2,24,008.26 Sq.mt was accorded.

PP further stated that, there is change in planning. One wing of sale building added instead of another 1 sale building. PP stated that revised plans also submitted to the local planning Authority. Considering the change in planning, Committee decided to accord amended ToR.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A,EIA, presentation & plans submitted are taken

on the record.


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DECISION OF SEAC

After discussion, amendment in ToR was approved with following additional ToR in the same:

Specific Conditions by SEAC:

- 1) PP to submit Soil analysis, Ground water analysis report for contamination.
- 2) PP to provide requisite RG as per Rules on Mother Earth.
- 3) PP to upload the copy of DCR regarding RG area to be provided.
- 4) PP informed that PTC will be constructed & will be hand over to SRA. It is noted that the access road to this is of only 9mt. PP to carry out the real time traffic analysis for the PTC component as well as for the entire project including JVLR & LBS Marg.
- 5) PP to submit the details & calculations of evacuation time.
- 6) PP to submit the Nalla remarks. Also PP to ensure that 3 mt buffer should be there along the length of nalla for cleaning.
- 7) PP to ensure that nalla should not be diverted or closed.
- 8) PP to submit the detail traffic circulation plan for the entire project. Also to submit traffic circulation plan PTC separately.
- 9) PP to submit wind analysis, traffic analysis, shadow analysis, light and ventilation analysis reports and measures to reduce heat island effect
- 10) Committee noted that PP is proposing wall between sale and PTC components. If so then separate RG be provided for PTC component, else unhindered access to common RG be provided for PTC component too.
- 12) PP to submit Railway NoC.
- 13) PP to submit & upload the design & cross section of STPs indicating 40% area open to sky for adequate ventilation.
- 14) PP to submit the mitigation measures proposed to be taken to reduce the noise pollution.
- 15) PP to upload acknowledgement regarding plan submitted to local planning authority.
- 16) PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area
- 17) PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above
- 18) Committee approved the ToR which is valid upto 11/2/2022.

FINAL RECOMMENDATION

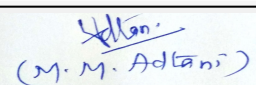
The Committee decided to Grant ToR subject to the above observations,PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 97 Meeting Date: April 24, 2019

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Shri M.M.Adtani (Chairman
SEAC-II)