

SEAC-III Meeting

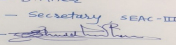
SEAC Meeting number: 62nd Day-1 Meeting Date January 8, 2018

Subject: Environment Clearance for Proposed Group Housing Scheme at Gat Nos. 44(Pt.), 49(Pt.), 129(Pt.), 130/1/A (Pt.), 130/1/B, 130/2, 130/3(Pt.) & 130/4(Pt.) at Mahalunge, Taluka -Khed, Dist. - Pune-1.

1.Name of Project	Proposed Group Housing Scheme at Gat Nos. 44(Pt.), 49(Pt.), 129(Pt.), 130/1/A (Pt.), 130/1/B, 130/2, 130/3(Pt.) & 130/4(Pt.) at Mahalunge, Taluka - Khed, Dist. - Pune-1.
2.Type of institution	Government
3.Name of Project Proponent	PUNE HOUSING AND AREA DEVELOPMENT BOARD, PUNE
4.Name of Consultant	FINE ENVIROTECH ENGINEERS
5.Type of project	MHADA
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
8.Location of the project	Gat Nos. 44(Pt.) , 49(Pt.), 129(Pt.) , 130/1/A (Pt.), 130/1/B, 130/2, 130/3(Pt.) & 130/4(Pt.) at Mahalunge , Taluka - Khed , Dist. - Pune-1.
9.Taluka	Khed
10.Village	Mahalunge
11.Area of the project	Mahalunge Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	Pune Metropolitan Regional Development Authority Pune IOD/IOA/Concession/Plan Approval Number: DP / BKH / 08 / 2016 / Prakra 449 / 16-17 / KHE/ Shaka-1 / Mouje Mahalunge / Gat No. 44 & Other / Dated: 20/10/2016 Approved Built-up Area: 150874.37
13.Note on the initiated work (If applicable)	Tota Constructed Work (FSI + Non FSI) - 113533.53 sq.mt (FSI Area - 81098.32 sq.mt and Non FSI - 32435.21 sq.mt.)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	111825 sq.mt.
16.Deductions	34175.04 sq.mt.
17.Net Plot area	77649.96 sq.mt.
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 150874.37 sq.mt. b) Non FSI area (sq. m.): 52684.24 sq.mt. c) Total BUA area (sq. m.): 203156.84
19.Total ground coverage (m2)	15593.30 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.073 %
21.Estimated cost of the project	3210000000

22.Number of buildings & its configuration

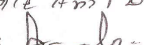
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	EWS 1 (4 Wings)	S +7	23.655
2	EWS 2	P+S+14	43.650
3	EWS 3	P+S+14	43.650
4	EWS 4	S +14	43.650
5	LIG 5 (2 Wings)	P +S +14	43.650
6	LIG 6	S +7	23.655
7	LIG 7	S +7	23.655

Name - S.D.Aher
Designation - Secretary SEAC-III
Sign 

S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 1 of
36**

Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

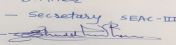
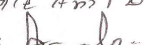
8	LIG 8	S +7	23.655
9	LIG 9	S +7	23.655
10	MIG 10 (3 Wings)	P + S +12	42.330
11	MIG 11 (3 Wings)	P +S +12	42.330
12	MIG 12 (2 Wings)	G/S +12	39.255
13	MIG 13 (3 Wings)	G/S +12	39.255

23.Number of tenants and shops	Total Residential Tenements - 2681 nos. Total Shops - 10 nos.
24.Number of expected residents / users	Residential Users - 13405 nos. and Commercial Users - 30 nos.
25.Tenant density per hectare	276 Tenements /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))	30 m wide Dist. Road and 18 m wide RP Road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m Turning radius around building with 6.00 m wide drive way.
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

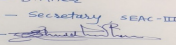
31.Production Details

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

Name - S.D.Aher Designation - Secretary SEAC-III Sign 	SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018	Page 2 of 36	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
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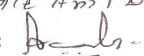
Dry season:	Source of water	MJP/ Recycled Water							
	Fresh water (CMD):	1207							
	Recycled water - Flushing (CMD):	604							
	Recycled water - Gardening (CMD):	44							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	1855							
	Fire fighting - Underground water tank(CMD):	600							
	Fire fighting - Overhead water tank(CMD):	325							
	Excess treated water	655							
Wet season:	Source of water	MJP / Recycled Water							
	Fresh water (CMD):	1207							
	Recycled water - Flushing (CMD):	604							
	Recycled water - Gardening (CMD):	Nil							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	1811							
	Fire fighting - Underground water tank(CMD):	600							
	Fire fighting - Overhead water tank(CMD):	325							
	Excess treated water	699							
Details of Swimming pool (If any)	Not applicable								
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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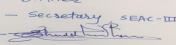
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 3 of 36

Name: **Kale Anil D.**
 Signature: 
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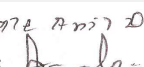

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	10 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	7 nos.
	Size of recharge pits :	1.5m x 1.5m x 1.5m
	Budgetary allocation (Capital cost) :	15 Lakhs
	Budgetary allocation (O & M cost) :	4 Lakhs
	Details of UGT tanks if any :	Domestic UG tank capacity - 603.5 cum/day Flushing UG tank capacity - 301.7 cum/day Fire UG tank capacity - 600 cum
35.Storm water drainage	Natural water drainage pattern:	Storm water collection is proposed separately in project premises.
	Quantity of storm water:	1.36 cum/sec
	Size of SWD:	0.3 m x 0.45m, 0.45m x 0.6m
Sewage and Waste water	Sewage generation in KLD:	1448
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 no. of STP of capacity 910 kld and 1 no. of STP of capacity 700 kld
	Location & area of the STP:	Location: Open Ground and area of the STP - 1396.24 sq.mt.
	Budgetary allocation (Capital cost):	200 Lakhs
	Budgetary allocation (O & M cost):	54 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction waste and excavated materials.
	Disposal of the construction waste debris:	The excavated materials will be used as filling materials and leveling and remaining will be disposed off through authorized contractor.
Waste generation in the operation Phase:	Dry waste:	2686 Kg/day
	Wet waste:	4346 Kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	145 Kg/day
	Others if any:	Not applicable

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**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 4 of
36**

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Waste will be handed over to SWaCH Pune Seva Sahakari Sanstha Ltd.
	Wet waste:	Waste will be treated in the organic waste converter and manure generated shall be used for gardening purposes.
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Used as manure for gardening
	Others if any:	Not applicable
Area requirement:	Location(s):	Near Building 5A and Building 9
	Area for the storage of waste & other material:	361 sq.mt.
	Area for machinery:	117 sq.mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	70 Lakhs
	O & M cost:	20 Lakhs

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

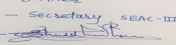
39. Stacks emission Details

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

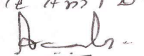
41. Source of Fuel	Not applicable
42. Mode of Transportation of fuel to site	Not applicable

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SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

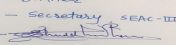
Page 5 of 36

Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	RG area on Ground - 8712.87 sq.mt and Additional RG area on Podium - 1106.25 sq.mt
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	1120 nos.
	List of proposed native trees :	Karanj, Shivan, Putranjiva, Neem, Son chafa, Mango, Nandruk, Palas, Shirish, Parijatak, Kanchan, Bhava, Savar, Tamrind, Pangara, Kadam, Kunti, Sita Ashoka, Bakul, Arjun, Apta, Ber, Chapa, Nirgudi, Stachytarpheta
	Timeline for completion of plantation :	2 Years

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

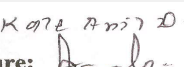

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia pinnata	Karanj	25	Shady tree
2	Gmelina arborea	Shivan	75	Fast growing tree with beautiful yellow flowers
3	Putranjiva roxburghii	Putranjiva	75	Medium sized evergreen tree
4	Azadirachta indica	Neem	50	Semi-evergreen tree with medicinal value
5	Michelia Champaca	Son Chafa	50	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
6	Magnifera indica	Mango	25	Edible fruit , bird attracting species
7	Ficus retusa	Nandruk	50	Medium sized evergreen tree, Shady tree
8	Butea monosperma	Palas	30	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
9	Albizia lebbeck	Shirish	90	Shady tree, yellowish green fragrant flowers
10	Nyctanthes arbor-tristis	Parijatak	30	Small deciduous fast growing tree, beautiful flowers.
11	Bauhinea purpurea	Kanchan	30	Butterfly host plant
12	Cassia Fistula	Bhava	35	Drought tolerant, ornamental and medicinal plant
13	Bombax ceiba	Savar	30	Large deciduous tree. Flowers attract many birds
14	Tamarindus indica	Tamrind	15	Medicinal value, Edible fruit
15	Erythina indica	Pangara	30	Medium sized deciduous tree. Bright scarlet flowers
16	Anthicephallus Cadamba	Kadam	40	Shady, large tree, ball shaped flowers
17	Murraya paniculata	Kunti	50	Small tree, Fragrant white flowers, Butterfly host plant
18	Saraca asoka	Sita Ashoka	30	Good for road side plantation
19	Mimusops elengi	Bakul	90	Shady tree, small white fragrant flowers

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SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 6 of 36

Name: 
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

20	Termilia cuniata	Arjun	45	Large trees of the flowering plan
21	Bauhinia racemosa	Apta	25	Draught resistance and good air purifier
22	Ziziphus mauritiana	Ber	50	Small tree with fragrant white flowers
23	Plumeria alba	Chapa	40	Beautiful white flowers, Butterfly host plant
24	Vitex negundo	Nirgudi	50	Good for Hedge, flowers attract butterflies & moths
25	Stachytarpheta sp	Stachytarpheta	90	Ornamental, flowers attract butterflies

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	Not applicable	Not applicable	Not applicable

47.Energy

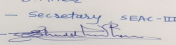
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	600 KW
	DG set as Power back-up during construction phase	150 KVA
	During Operation phase (Connected load):	8607.39 KW
	During Operation phase (Demand load):	5700.77 KW
	Transformer:	Total 14 nos. of Transformers having 630 KVA capacity
	DG set as Power back-up during operation phase:	3 nos. of DG sets of capacity 250 KVA each and 1 no. of DG set of capacity 320 KVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	Not applicable	

48.Energy saving by non-conventional method:

Energy used of T-5 28 watt tube lights instead of tube lights of 40 watts.
Use of gear less lifts with VVVF drive.
Proposed PV Based Solar system.

49.Detail calculations & % of saving:

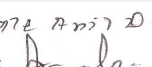
Serial Number	Energy Conservation Measures	Saving %
1	Energy saving per year by using T-5 Tube Lights	225482.4 KWH
2	Energy saving per year by using Solar PV system	526125.6 KWH
3	Energy saving per year due to use of VVVF Drive	371675.9 KWH

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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 7 of 36

Name: K. Anil Kale
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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:	920 Lakhs
	O & M cost:	40 Lakhs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

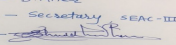
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Site Safety	Barricading and Dust Suppression	10
2	Environmental Monitoring	Air, Noise, Water, Biological	8
3	Sanitary Facility and Waste Water Management	Water	4
4	Solid Waste Management	Solid Waste	2
5	Occupational Health and Safety	Medical Checkup, PPE and First Aid Kit	7

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	1 STP of 910 kld and 1 STP of 700 kld	200	54
2	Environmental Monitoring	Air, Noise, Water, Biological	6
3	Rainwater Harvesting System	7 nos. of Recharge Pits	15	4
4	Solid Waste Management	OWC, Manpower, Colored Dustbins	70	20
5	Energy Saving Measures	T-5 28 Watt Tube Lights, VVVF Drive, Proposed PV Based Solar System	920	40
6	Green Belt Development	Tree Plantation - 1120 nos.	30	8
7	Occupation Health and Safety	Medical Checkup, PPE and First Air Kid	10

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

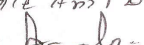
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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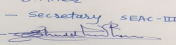
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SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 8 of 36

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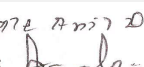

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52. Any Other Information							
No Information Available							
53. Traffic Management							
	Nos. of the junction to the main road & design of confluence:	Separate entry and exit point					
Parking details:	Number and area of basement:	Not applicable					
	Number and area of podia:	1 no. and area of podium - 10897.71 sq.mt.					
	Total Parking area:	24815.82 sq.mt.					
	Area per car:	Open parking - 26.44 sq.mt., Stilt /Podium Level Parking - 28.79 sq.mt., LGP/Below Podium Level Parking -32.04 sq.mt.					
	Area per car:	Open parking - 26.44 sq.mt., Stilt /Podium Level Parking - 28.79 sq.mt., LGP/Below Podium Level Parking -32.04 sq.mt.					
	Number of 2-Wheelers as approved by competent authority:	3810 nos.					
	Number of 4-Wheelers as approved by competent authority:	845 nos.					
	Public Transport:	Not applicable					
	Width of all Internal roads (m):	6 m					
	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) B1					
	Court cases pending if any	Not applicable					
	Other Relevant Informations	The proposed project was presented in the 54th Meeting of the SEAC-III (Non MMR) held from 21st September, 2016. The committee appraised the project under 8 (b) B1 category of EIA Notification 2006 and granted Terms of Reference.					
	Have you previously submitted Application online on MOEF Website.	Yes					
	Date of online submission	01-09-2016					

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**SEAC Meeting No: 62nd Day-1 Meeting Date:
 January 8, 2018**

**Page 9 of
 36**

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 Signature: 

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Brief information of the project by SEAC

M/s MHADA

Amendment in Environment Clearance for Proposed Group Housing Scheme at Gat Nos. 44(Pt.), 49(Pt.), 129(Pt.), 130/1/A (Pt.), 130/1/B, 130/2, 130/3(Pt.) & 130/4(Pt.) at Mahalunge, Taluka - Khed, Dist. - Pune-1 (Compliance case)

PP submitted their application for prior Environmental clearance for total plot area of 1,11,825.00 Sq. Mtrs, BUA of 2,02,550.12 Sq. Mtrs and FSI area of 1,50,472.60 Sq. Mtrs. PP proposes to construct 7 nos. of EWS, 6 nos. of LIG, 11 nos. of MIG Total 24 nos. of residential buildings, having maximum height of 43.65 Mtrs.

PP has obtained earlier EC no. SEAC-2013/CR-557/TC-2 dated 17.10.2014 for total plot area of 1,11,825.00 Sq. Mtrs, BUA of 94,903.69 Sq. Mtrs and FSI area of 64,713.00 Sq. Mtrs; PP has obtained Amendment in EC no. SEAC-2212/CR-246/TC-II dated 18.07.2016 for total plot area of 1,11,825.00 Sq. Mtrs, BUA of 1,49,437.81 Sq. Mtrs and FSI area of 1,04,564.49 Sq. Mtrs. Now PP has again applied for amendment in earlier EC.

The case was earlier considered in the 54th meeting of the SEAC - III held from 19th to 23rd September, 2016 when TOR's were given to the PP. The case was again considered in the 57th meeting of the SEAC - III held from 22nd to 23rd June, 2017 when proposal is postponed. During the meeting PP submitted EIA report for appraisal. All issues related to environment, including air, water, noise, soil, ecology and biodiversity and social aspects were discussed.

This committee took up the compliance report and other documents submitted by the Project Proponent for examination. The proposal is appraised as category 8 (b) B1.

DECISION OF SEAC

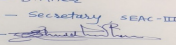
SEAC decided to recommend the proposal for prior Environmental Clearance, subject to following conditions

Specific Conditions by SEAC:

- 1) PP to submit the details of Noise monitoring locations & its mitigation measures.
- 2) PP to submit NOC for storm water drain.
- 3) PP to revise & submit CFO NOC for their full potential.
- 4) PP to submit details of amenity plot & Separate master layout plan showing required amenity plot as per provision along with approval of PMRDA.
- 5) PP to submit information for dewatering of OWC & plan showing connections to sewer line as well as submit commitment to meet the norms of composting. (For both the OWC)
- 6) PP to install continuous ambient air quality monitoring station & metrological station.
- 7) PP to submit Water supply NOC along with sanctioned quantity and replace ECP-STP Technology.

FINAL RECOMMENDATION

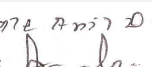

SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Name - S.D.Aher
Designation - Secretary SEAC-III
Sign - 

S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 10
of 36**

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

SEAC-III Meeting

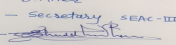
SEAC Meeting number: 62nd Day-1 Meeting Date January 8, 2018

Subject: Environment Clearance for Amendment in residential commercial project at Wakad Pune Maharashtra

1.Name of Project	"Proposed Residential & Commercial Development"
2.Type of institution	TOR
3.Name of Project Proponent	Mr Vinayak Jogdeo
4.Name of Consultant	ULTRATECH
5.Type of project	Housing
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, we have obtained previous EC vide letter SEAC 2015/CR13/TC - 13 dated 25th January 2016.
8.Location of the project	S. No. 131/1,131/2+3+4+6/1,131/2+36/3,131/2+3+6/4,131/2+3+6/5,131/2+3+6/6,131/5,131/7/1,132/1,132/2,132/3,132/5,132/6
9.Taluka	Haveli
10.Village	Wakad
Correspondence Name:	KoltePatil Developers Ltd.
Room Number:	NA
Floor:	IInd Floor
Building Name:	City Point
Road/Street Name:	Dhole Patil Road
Locality:	Pune
City:	Pune
11.Area of the project	Pimpri-Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: Applied Approved Built-up Area: 115756.36
13.Note on the initiated work (If applicable)	We have initiated work as per old EC
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	68,605.25 Sqm
16.Deductions	8547.03 Sqm
17.Net Plot area	48433.16 Sqm
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 84,269.68 Sqm b) Non FSI area (sq. m.): 81,806.18Sqm c) Total BUA area (sq. m.): 166076
19.Total ground coverage (m2)	9617.79 Sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20
21.Estimated cost of the project	60800000

22.Number of buildings & its configuration

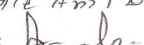
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A Bldg (1)	2P + 13	38.35
2	B Bldg. (Resi.)	2P + 13	38.35
3	C Bldg. (Resi.)	2P + 13	38.35
4	D Bldg. (Resi.)	2P + 13	38.35
5	E Bldg. (Resi.)	2P + 19	56.05
6	F Bldg. (Resi.)	2P + 19	56.05
7	G Bldg. (Resi.)	2P + 13	38.35
8	H Bldg. (Resi.)	2P + 13	38.35

Name - S.D.Aher
Designation - Secretary SEAC-III
Sign - 

S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 11
of 36**

Name: K. Anil D.
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

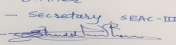
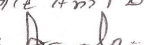
9	I Bldg. (Resi.)	2P + 13	38.35
10	J Bldg. (Resi.)	2P + 13	38.35
11	K Comm.	B+2P + 13	37.70
12	K1 Comm.	G+Mezz.	7.20
13	K2 Comm.	G+0	5.40
14	K3 Comm.	G+0	5.40
15	K4 Comm.	G+0	5.40
16	M Bldg. (Comm.)	2P + 10.5	46.00
17	N Bldg. (Resi)	P + 13	38.35
18	EWS Bldg. (Resi)	P + 11	31.90

23.Number of tenants and shops	No. of Tenements: 977 Shops: 78 Offices:178
24.Number of expected residents / users	Residential: 4885 No Floating: 3080 No
25.Tenant density per hectare	142 Tenant / hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nearest Fire Station at Hinjewadi & Width of the road from the nearest fire station to the proposed building -24m. wide road abutting to site
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9M
29.Existing structure (s) if any	We have initiated work as per old EC
30.Details of the demolition with disposal (If applicable)	Not any

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

Name - S.D.Aher Designation - Secretary SEAC-III Sign  S.D.Aher (Secretary SEAC-III)	SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018	Page 12 of 36	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PCMC
	Fresh water (CMD):	475
	Recycled water - Flushing (CMD):	328
	Recycled water - Gardening (CMD):	39
	Swimming pool make up (Cum):	11
	Total Water Requirement (CMD) :	853
	Fire fighting - Underground water tank(CMD):	575
	Fire fighting - Overhead water tank(CMD):	280
	Excess treated water	324

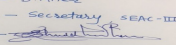
Wet season:	Source of water	PCMC
	Fresh water (CMD):	475
	Recycled water - Flushing (CMD):	328
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	11
	Total Water Requirement (CMD) :	813
	Fire fighting - Underground water tank(CMD):	575
	Fire fighting - Overhead water tank(CMD):	280
	Excess treated water	363

Details of Swimming pool (If any)

- Dimension of Swimming Pool:
- Main Pool: 13m X 25m X 1.2m
- Kids Pool: 7m X8m X 0.45m
- Total water Requirement in KL: 415.2
- Water requirement for make up in KLD: 8

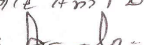
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	438	36	474	43	4	47	395	33	428
Domestic	285	43	No328	37	5	32	334	38	372
Gardening	39	0	39	0	0	0	0	0	0

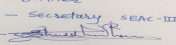
Name - S.D.Aher
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**SEAC Meeting No: 62nd Day-1 Meeting Date:
 January 8, 2018**

**Page 13
 of 36**

Name: **Kale Anil D.**
 Signature: 
Shri. Anil Kale (Chairman SEAC-III)

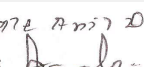
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	12-15m
	Size and no of RWH tank(s) and Quantity:	600KL
	Location of the RWH tank(s):	As per layout
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	90 Lacs
	Budgetary allocation (O & M cost) :	7.50 Lacs/ annum
	Details of UGT tanks if any :	NA
35.Storm water drainage	Natural water drainage pattern:	W to E
	Quantity of storm water:	0.30 m3/Sec
	Size of SWD:	600 mm dia
Sewage and Waste water	Sewage generation in KLD:	689
	STP technology:	Phytorid
	Capacity of STP (CMD):	638 and 86 CMD
	Location & area of the STP:	As per layout
	Budgetary allocation (Capital cost):	275 Lasc
	Budgetary allocation (O & M cost):	15 Lacs/Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 kg/day
	Disposal of the construction waste debris:	Cutting= 44589 m3, filling= 37541 m3 and remaining shortfall to be filled with during construction debris.
Waste generation in the operation Phase:	Dry waste:	1340kg/day
	Wet waste:	1700kg/day
	Hazardous waste:	Nil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	100kg/day
	Others if any:	NA

Name - S.D.Aher
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S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
 January 8, 2018**

**Page 14
 of 36**

Name: K. Anil Kale
 Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Handed over to authorized recyclers
	Wet waste:	composting machine
	Hazardous waste:	Handed over to authorized recyclers
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	NA
Area requirement:	Location(s):	As per layout
	Area for the storage of waste & other material:	90
	Area for machinery:	90
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	35.08
	O & M cost:	9.40

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

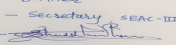
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1	HSD Day Oil Tank	3 No.	2.5 Mtr above habitable space	150mm, 100mm, 100mm	3000C

40. Details of Fuel to be used

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

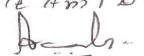

41. Source of Fuel	Nearby pump
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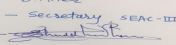
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 15 of 36

Name: 
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

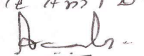
42.Mode of Transportation of fuel to site		By road		
43.Green Belt Development	Total RG area :	5355.57 Sqm		
	No of trees to be cut :	0		
	Number of trees to be planted :	720		
	List of proposed native trees :	720		
	Timeline for completion of plantation :	2022		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	45	Flowering bearing tree
2	Tabebuia rosea	Pink Trumpet tree	69	Flowering bearing tree
3	Tabebuia argentea	Trumpet tree	40	Flowering bearing tree
4	Michelia champaka	Champa	42	Flowering bearing tree
5	Pongamia pinnata	Karanj	40	Evergreen tree
6	Bauhinea purpurea	Kanchan	68	Flowering bearing tree
7	Murraya koengii	Kadipatta	57	Evergreen tree
8	Plumeria alba	Chafa	72	Flowering bearing tree
9	Peltopherum	Copper pod tree	41	Evergreen tree
10	Saraca indica	Sita ashok	21	Flowering bearing tree
11	Putranjiva roxburghii	Putranjiva	35	Evergreen tree
12	Erythrina indica	Indian coral tree	49	Flowering bearing tree
13	Nyctanthes arbortristis	Parijatak	38	Flowering bearing tree
14	Azadirachta indica	Neem	53	Deciduous tree
15	Mangifera indica	Mango	16	Evergreen fruit bearing tree
16	Psidium guajava	Guava	18	Evergreen fruit bearing tree
17	Syzygium jambos	Jamun	16	Evergreen 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	NA	NA	NA	
47.Energy				

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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 16 of 36

Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	62
	DG set as Power back-up during construction phase	62.5
	During Operation phase (Connected load):	6286.28KW
	During Operation phase (Demand load):	3517KW
	Transformer:	7 Nos x 630 KVA + 1 No x 315 KVA
	DG set as Power back-up during operation phase:	1 No. 125 KVA, 1 No. of 160KVA and 1 No. 365 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Energy Saving using Solar Based PV system for Street Lighting
Energy saving with using T5/LED energy efficient fixture.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using Solar Based PV system for Street Lighting	1% of connected Load
2	Energy saving with using T5/LED energy efficient fixture	37%

50. Details of pollution control Systems

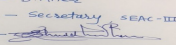
Source	Existing pollution control system	Proposed to be installed
Waste water	STP	STP
Solid waste	OWC	OWC
Emmission	DG	DG

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	50LACS
	O & M cost:	1.5 Lacs/annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

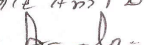
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water For Dust Suppression Air & Noise monitoring	0.8

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S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 17
of 36**

Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

2	Water Environment	Tanker water for construction Water monitoring	1.68
3	Land Environment	Site Sanitation	8.1
4	Biological Environment	Gardening Transplantation Top soil preservation	2.79
5	Socio- Economic Environment	Disinfection- Pest Control First Aid Facilities Health Check Up Creche for children Personal protective equipment	7.65

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	Waste water	275	15
2	Rain water harwesting	RWH tank	90	7.50
3	OWC	for treatment of Wet garbage	35.08	9.40
4	Landscape	Tree plantation	60	6.0
5	Electrical	Energy saving measures	50	1.50

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

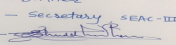
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

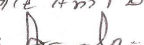
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on existing 24m wide road and proposed 18m wide DP Road
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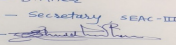
Name - S.D.Aher
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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 18 of 36

Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

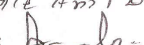
Parking details:	Number and area of basement:	0
	Number and area of podia:	1
	Total Parking area:	22650 Sqm
	Area per car:	30 Sqm
	Area per car:	30 Sqm
	Number of 2-Wheelers as approved by competent authority:	2792
	Number of 4-Wheelers as approved by competent authority:	491
	Public Transport:	Via PCMC bus
	Width of all Internal roads (m):	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 (a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
Brief information of the project by SEAC		

Name - S.D.Aher
 Designation - Secretary SEAC-III
 Sign 

S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
 January 8, 2018**

**Page 19
 of 36**

Name: K. Anil Kale
 Signature: 

Shri. Anil Kale (Chairman SEAC-III)

M/s. Kolte Patil Developers.

Environment Clearance for Expansion of Residential & commercial development at Survey no. 131/1,131/2+3+4+6/1,131/2+36/3, 131/2+3+6/4,131/2+3+6/5,131/2+3+6 /6,131/5,131/7/1,132/1,132/2,132/3,1 32/5,132/6 at village Wakad,Tal.Haveli Pune.

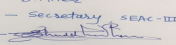
PP submitted their application for prior Environment Clearance for total plot area of 68605.25 Sq. Mtrs, BUA of 166075.86 Sq. Mtrs and FSI area of 84269.68 Sq. Mtrs. PP proposes to construct 13 nos. of residential buildings, 5 no. of Commercial building having maximum height of 38.35 Mtrs.

PP obtained earlier EC vide letter No.SEAC-2015/CR-13/TC-III dated 25.01.2015 for plot area of 68605.25 Sq. Mtrs,,BUA of 1,44,858.11 Sq. Mtrs. and FSI area of 84,966.31 Sq.Mtrs. comprising of 13 nos.of residential buildings , 2 No. Now due to change in market scenario, PP applied for modification/amendment/ expansion in earlier EC.

In the light of EIA Notification 2006 and amendment thereof issued by MoEF, SEAC III is required to give TOR's to the proposals in the category 8(B) B1. The proposal was discussed on the basis of draft TOR as presented by the PP. All issues related to environment, including air, water, noise, soil, ecology and biodiversity and social aspects were discussed.

The committee appraised the project under 8(b) B1 category of EIA Notification, 2006. PP to use model TOR available on the web site of MoEF in addition to the following points.

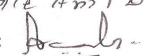
DECISION OF SEAC

Name - S.D.Aher
Designation - Secretary SEAC-III
Sign - 

S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 20
of 36**

Name: Kolte Anil D.
Signature: 

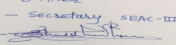
Shri. Anil Kale (Chairman SEAC-III)

After deliberation, Committee asked PP to submit EIA report including all points for further discussion and consideration of SEAC. PP requested for time to submit the information.

Specific Conditions by SEAC:

- 1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
- 2) PP to details of commercial area in consolidated statement.
- 3) PP to submit condition wise compliance report of earlier EC conditions
- 4) PP to submit architect certificate of work initiated on site as per earlier EC
- 5) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
- 6) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017.
- 7) PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.
- 8) PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 9) PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.
- 10) PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
- 11) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 12) 13. PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 13) 14. PP to submit cross section of all buildings.
- 14) 15. PP to submit parking area statement as per DCR.
- 15) 16. PP to submit cross section of basement showing width and slope of ramp.
- 16) 17. PP to submit details of basement parking.
- 17) 18. PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.
- 18) 19. PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 19) 20. PP to carry out fugitive dust monitoring by using local meteorological data.
- 20) 21. PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details.
- 21) 22. PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 22) 23. PP to submit disaster management plan.
- 23) 24. PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.
- 24) 25. PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
- 25) 26. PP to submit phase wise development plan considering wind rose diagram.
- 26) 27. PP to obtain and submit following NOC's: a) CFO NOC, b)Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
- 27) 28. PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.
- 28) 29. PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.
- 29) 30. PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 30) 31. PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
- 31) 32. PP to submit details hydro geological survey report with graphs & data.
- 32) 33. PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 33) 34. PP to provide mandatory RG area on virgin land and submit the drawing with calculations
- 34) 35. PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
- 35) 36. PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.
- 36) 37. PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
- 37) 38. PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 38) 39. PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted.
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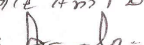
FINAL RECOMMENDATION

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**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

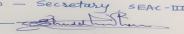
**Page 21
of 36**

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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.

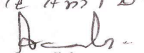
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**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 22
of 36**

Name: K. Anil Kale
Signature: 

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SEAC-III Meeting

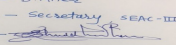
SEAC Meeting number: 62nd Day-1 Meeting Date January 8, 2018

Subject: Environment Clearance for Environmental Clearance for Proposed Residential & Commercial Development.

1.Name of Project	Proposed Residential & Commercial Development
2.Type of institution	TOR
3.Name of Project Proponent	Mr. Subahu Kirit Shah
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory) NABET certificate no: NABET/EIA/1417/SA0011
5.Type of project	Residential & Commercial Development.
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion with diversification in existing project.
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 43 (P) & 44,46/1/2+46/1/3,1 NIBM Annex, Mohammadwadi, Pune - 411060
9.Taluka	Haveli
10.Village	Mohammadwadi
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	Pune Municipal Corporation's DCR
	IOD/IOA/Concession/Plan Approval Number: Layout sanctioned by Pune Municipal Corporation
	Approved Built-up Area: 191482.45
13.Note on the initiated work (If applicable)	We have initiated work as per sanction received
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	46642.96 m ²
16.Deductions	3386.17 m ²
17.Net Plot area	43256.79 m ²
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 75630.24 m ²
	b) Non FSI area (sq. m.): 115852.21 m ²
	c) Total BUA area (sq. m.): 191482.45
19.Total ground coverage (m ²)	7311.71
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.90
21.Estimated cost of the project	5000000000

22.Number of buildings & its configuration

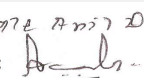
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	P/L.G+ stilt/U.G+2P+17 floors	68.60
2	B	P/L.G+ stilt/U.G+2P+17 floors	68.60
3	C	P/L.G+ stilt/U.G+2P+17 floors	68.60
4	D	P/L.G+ stilt/U.G+2P+17 floors	68.60
5	E	P/L.G+ stilt/U.G+2P+17 floors	68.60
6	F	Gr /Parking +3 floors	14.90
7	Commercial	L.P+U.P+ P/L.G+ stilt/U.G+1	9.35
8	Club House	G+1	6.00

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**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 23
of 36**

Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

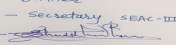
23.Number of tenants and shops	Tenements:380 Commercial Units:75
24.Number of expected residents / users	Residential: 3855 Commercial:1696 Nos.
25.Tenant density per hectare	82 Tenements / hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nearest Fire Station: Pune Cantonment: 3.12 Km from the site. Width of the road from the nearest fire station to the proposed building 24 m wide road abutting to the site.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the building is minimum 9 m.
29.Existing structure (s) if any	We have carried out the construction as per sanction received. Total constructed area is 111521 m2
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

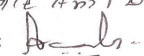
Dry season:	Source of water	PMC
	Fresh water (CMD):	201
	Recycled water - Flushing (CMD):	145
	Recycled water - Gardening (CMD):	148
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	499
	Fire fighting - Underground water tank(CMD):	300 (Residential and Commercial)
	Fire fighting - Overhead water tank(CMD):	Building A=20 CM Building B=20 CM Building C=20 CM Building D=20 CM Building E=20 CM
	Excess treated water	3

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SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 24 of 36

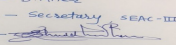
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Wet season:	Source of water	PMC
	Fresh water (CMD):	201
	Recycled water - Flushing (CMD):	145
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	3
	Total Water Requirement (CMD) :	349
	Fire fighting - Underground water tank(CMD):	300 (Residential and Commercial)
	Fire fighting - Overhead water tank(CMD):	Building A=20 CM Building B=20 CM Building C=20 CM Building D=20 CM Building E=20 CM
	Excess treated water	151

Details of Swimming pool (If any)	<ul style="list-style-type: none"> • Dimension of Swimming Pool: • Main Pool Area:256 m² • Decorative Pool Area:405 m² • Total water Requirement in KLD:430 • Main Pool :309 • Decorative Pool :81 • Water requirement for make up in KLD:5 • Details of Plant & Machinery used for treatment of Swimming pool water: • Bobind wound Filter made from high quality FRP, Side mounted type, with Battery Valve, Rapid flow. Filtration Capacity 77m³/hr, Vessel Diameter - 1200 mm, with Pressure Gauge, Multiport Valve and Media (Quartz Sand)-1 unit each. • Mono block Self priming Pool-Pump 3 HP /Three phase - (1+1) • Pool Accessories & Fittings : Pool inlets,Drain,Nozzles,Lights,etc-1 unit each
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33.Details of Total water consumed

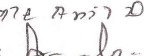
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	351	351	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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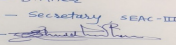
SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 25 of 36

Name: K. Anil Kale
Signature: 

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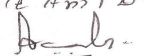
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 12 m Post monsoon , & 35 m Pre monsoon
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	8 Nos.
	Size of recharge pits :	Min. 1.2 m dia and 2 m below Storm water inlet with bore well of 60 m
	Budgetary allocation (Capital cost) :	Rs. 10-12 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2-3 Lakhs/annum
	Details of UGT tanks if any :	--
35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged to the nearest storm water line.
	Quantity of storm water:	13.92 m ³ /minute
	Size of SWD:	600mm diameter having slope 1:150
Sewage and Waste water	Sewage generation in KLD:	311
	STP technology:	MBBR
	Capacity of STP (CMD):	320
	Location & area of the STP:	As per the services Layout
	Budgetary allocation (Capital cost):	Rs. 86.10 Lakhs
	Budgetary allocation (O & M cost):	Rs. 11.95 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	50 Kg
	Disposal of the construction waste debris:	This material shall be used for back filling and leveling of the plot and remaining will be disposed to authorized sites.
Waste generation in the operation Phase:	Dry waste:	406 kg/day
	Wet waste:	946 kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	64 Kg /day
	Others if any:	E-waste: Negligible

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**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 26
of 36**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Will be disposed off from site through external agency on daily basis.
	Wet waste:	Will be treated in OWC
	Hazardous waste:	Will be handed over to authorised agency.
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Will be used as manure for landscaping after treating through OWC.
	Others if any:	Will be handled by authorized E-waste management agency.
Area requirement:	Location(s):	As per the services layout.
	Area for the storage of waste & other material:	52.10 m ²
	Area for machinery:	35.88 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 23.83 Lakhs
	O & M cost:	Rs 6.5 Lakhs

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	Spent oil	5.1	Lit/Hr	Not applicable	7.65	7.65	Will be handed over to authorized vendor

39. Stacks emission Details

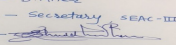
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set	Diesel	4	30	0.2	438 degree Celsius

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	Not applicable	4 x 1010 kVA	4 x 1010 kVA

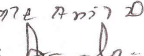
41. Source of Fuel: Bharat Petroleum, Hindustan Petroleum

42. Mode of Transportation of fuel to site: By tankers

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SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 27 of 36

Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	4254 m2
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	116
	List of proposed native trees :	As mentioned in the list below
	Timeline for completion of plantation :	Till the completion of the project.

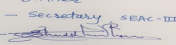
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Tabebuia pentaphylla	Pink trumpet tree	7	Native
2	Anogeissus acuminata	Kardahi	42	Native
3	Lagerstroemia speciosa	Taman	01	Native
4	Mimusops elengi	Bakul	01	Native
5	Phoenix palm	Date palm	10	Native
6	Saraca indica	Sita ashoka	03	Native/Drought tolerant
7	Azadiracta indica	Neem	26	Native/Drought tolerant
8	Cassia fistula	Bahawa	04	Native/Drought tolerant
9	Bahunia variegata	--	04	Native/Drought tolerant
10	Erythrina stricta	Pangara	04	Native/Drought tolerant
11	Carissa congesta	Karvand	04	Native/Drought tolerant
12	Butea monosperma	Palas	04	Native/Drought tolerant
13	Syzgium cumini	Jamun	02	Native/Drought tolerant
14	Bhokar	Cordia myxa	02	Native/Drought tolerant
15	Ficus microcarpa	Chilkhan	02	Native/Drought tolerant

45.Total quantity of plants on ground

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

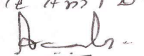
Serial Number	Name	C/C Distance	Area m2
1	Furcraea/Aloevera/Yucca/Pandanus	0.3-0.4m	112 sqm
2	Allamanda dwarf/Reinwardtia indica/ Jacobinea carnea/Turnera ulmifolia	0.45-0.6m	12 sqm
3	Clerodendrum inerme/Murayya paniculata/Barleria cristata candida/ Calliandra brevipes	0.6-0.75m	375 sqm
4	Malphigia glabra/Bamboo grass/ Acalypha var./Gardenia dwarf/ Tabernaemontana coronaria	0.3-0.4m	420 sqm
5	Dracaena sp./Costus sp	0.4-0.45	30 sqm
6	Dracaena marginata tricolour/bicolour	0.4-0.45	117 sqm
7	Crinum red/Zamia zamioculcas	0.6	30 sqm
8	Eranthemum nigrum/bicolour/ Agave americana/ Vetiveria zizanioides	0.45-0.6	295 sqm

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SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 28 of 36

Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

9	Clerodendrum inerm/Bougainvillea var.	0.9-1.2m	315 sqm
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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	161.25 kW
	DG set as Power back-up during construction phase	1 x 125 & 1 x 63 kVA
	During Operation phase (Connected load):	7750.66 kW
	During Operation phase (Demand load):	3704.80 kW
	Transformer:	4x1250 KVA
	DG set as Power back-up during operation phase:	4 x 1010 KVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	Not applicable	

48. Energy saving by non-conventional method:

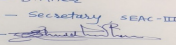
- Conventional CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Common Area.
- Energy Saving using Automatic Timer operation Against Manual operation for external & common Lighting
- Energy Efficient CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Flat
- Energy Saving using Solar PV System with respect to common load
- Energy saving in Conventional Transformer Vs Low Loss Transformer

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Conventional CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Common Area.	31.56%
2	Energy Saving using Automatic Timer operation Against Manual operation for external & common Lighting	30.41%
3	Energy Efficient CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Flat	47.50%
4	Energy Saving using Solar PV System with respect to common load	21.05%
5	Energy saving in Conventional Transformer Vs Low Loss Transformer	08.62%

50. Details of pollution control Systems

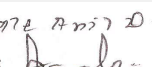

Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	320 KL
OWC	Not applicable	1060 kg/day
DG sets	Not applicable	4 x 1010 KVA

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**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 29
of 36**

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 36 lakhs
	O & M cost:	Rs 0.6 lakhs/annum

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

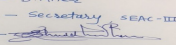
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	5.44
2	Air Environment	Water For Dust Suppression, Air & Noise monitoring	10.84
3	Water Environment	Tanker water for construction, Water monitoring	1
4	Land Environment	Site Sanitation Gardening	4
5	Socio- Economic Environment	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Personal protective equipment	13.12

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	Not applicable	25.08
2	Water	RWH	11	2.5
3	Water	STP	86.10	11.95
4	Energy	Solar Panels/Solar PV Cells	360	0.6
5	Land Environment	Gardening	860	84
6	Solid waste	Solid waste management	23.83	6.5
7	Swimming Pool	--	7	3

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

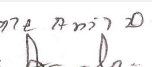

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation

Name - S.D.Aher
Designation - Secretary SEAC-III
Sign 

S.D.Aher (Secretary SEAC-III)

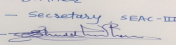
SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018

Page 30 of 36

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

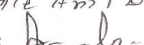
Diesel	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Local Vendors	By road
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	Two Openings					
Parking details:	Number and area of basement:	Not applicable					
	Number and area of podia:	One Podium at 101 Level 12038.35 sqm					
	Total Parking area:	68485.13 Sqm.					
	Area per car:	Residential Area :30 Sqm Commercial Area: 30 Sqm					
	Area per car:	Residential Area :30 Sqm Commercial Area: 30 Sqm					
	Number of 2-Wheelers as approved by competent authority:	Residential Scooters No 1593 Commercial Scooters no 676 Residential Cycle no 861 Commercial Cycle no 226					
	Number of 4-Wheelers as approved by competent authority:	Residential Car No 1184 Commercial car no 226					
	Public Transport:	Nearest Bus Stand					
	Width of all Internal roads (m):	No internal roads Width of driveway 7.50 m					
	CRZ/ RRZ clearance obtain, if any:	Not applicable					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None in 10 Km.					
	Category as per schedule of EIA Notification sheet	8 b (B1)					
	Court cases pending if any	No					

Name - S.D.Aher
 Designation - Secretary SEAC-III
 Sign 

S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
 January 8, 2018**

**Page 31
 of 36**

Name: K. Anil D.
 Signature: 

Shri. Anil Kale (Chairman SEAC-III)

	<p>Other Relevant Informations</p>	<p>1) We have received Environment Clearance For Plot A and B vide SEAC-III's letter bearing no.21-603/2006-IA.III.</p> <p>2) The break up of the FSI and Non-FSI area of Plot A of our project, as per the E.C. dated 05/07/2007, is as follows: FSI: 36,946 square metres. Non-FSI: 31,408 square metres. Total: 68,354 square metres.</p> <p>3) The break-up of the FSI and Non-FSI area of Plot B of our project, as per the E.C. dated 05/07/2007, is as follows: FSI: 51,170 square metres. Non-FSI: 73,744 square metres. Total: 1,24,914 square metres.</p> <p>Hence, the grand total of the FSI and Non-FSI area of Plots A and B, as per the E.C. dated 05/07/2007, is 1,93,268 square meters.</p> <p>4) The break-up of the FSI and Non-FSI area of Plot A of our project, constructed on site, as on date, is as follows: FSI: 39,566 square metres. Non-FSI: 42,097 square metres. Total: 81,663 square metres.</p> <p>5) The break-up of the FSI and Non-FSI area of Plot B of our project, constructed on site, as on date, is as follows: FSI: 42,010 square meters. Non-FSI: 69,511 square metres. Total: 1,11,522 square metres.</p> <p>Hence, the grand total of the FSI and Non-FSI area of Plots A and B, constructed on site, as on date, is 1,93,185 square meters (that is 83 square meters less than the quantum specified in the E.C.</p>
	<p>Have you previously submitted Application online on MOEF Website.</p>	<p>Yes</p>
	<p>Date of online submission</p>	<p>25-02-2016</p>
<p align="center">Brief information of the project by SEAC</p>		

SEAC-AGENDA-000000044

M/s.Acropolis Purple Developers.

Environment clearance for proposed Residential & Commercial Development at S.No.43(P) &44,46/1/2+46/1/3,1 NIBM Annex, Mohammadwadi, Pune.(Compliance Case)

PP submitted their application for prior Environmental clearance for total plot area of 46,642.96 Sq. Mtrs, BUA of 1,91,482.45 Sq. Mtrs and FSI area of 75,630.24 Sq. Mtrs. PP proposes to construct 6 nos. of residential buildings, 1 No. of commercial building, having maximum height of 68.60 Mtrs, & club house.

PP submitted their application for prior Environmental clearance for total plot area of 46,642.96 Sq. Mtrs, BUA of 1,91,482.45 Sq. Mtrs and FSI area of 75,630.24 Sq. Mtrs. PP proposes to construct 6 nos. of residential buildings, 1 No. of commercial building, having maximum height of 68.60 Mtrs, & club house.

PP has obtained earlier EC no. 21-603/2006-1A,III dated 05/07/2007 for S.No.43 &44 having Plot A & Plot B with total plot area of 70,795 Sq. Mtrs, BUA of 1,93,268Sq. Mtrs comprising of 8 nos. of commercial buildings and 3 nos. of residential buildings on Plot A and 4 residential buildings and 10 commercial buildings on Plot B. Now, PP has applied for separate environment clearance for Plot B.

The case was earlier considered in 44th meeting of the SEAC - III (NoN-MMR) held on 28th to 31st March, 2016;49th meeting of the SEAC - III (NoN-MMR) held on 22nd to 24th June, 2016 when PP remained absent.The case was again considered in 54th meeting of the SEAC - III (NoN-MMR) held on 19th to 23rd September, 2016,when the case is deferred till submission of case history and revised CS including all details of Project.

During deliberation, Committee noted that PP had constructed 8 nos. of residential buildings, 2 nos. of commercial buildings & a club house on Plot A against 8 nos. of commercial buildings and 3 nos. of residential buildings on Plot A and 6 nos. of residential building , 1 no. of commercial building & a club house against 10 nos. of commercial buildings , 4 nos. of residential buildings as mentioned in earlier EC dated 05/07/2007.

During deliberation, PP produced clarification dated 17/06/2017 received from SEIAA that aggregate construction on Plot A & B is 1,93,184 Sq.Mtrs. till date ,does not exceed 1,93,268 Sq.Mtrs. as mentioned in earlier EC dated 05/07/2007,then there is no case of violation of the EIA Notification,2006 and amendments thereto.

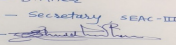
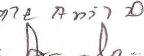
Committee noted that Environment Department/ SEIAA by their letter dated 17/06/2017 clarified that the aggregate construction on Plot A & B does not exceed 1,93,268 Sq.Mtrs. as mentioned in earlier EC , the clarification given by Environment Department/ SEIAA totally rely upon presentation made by PP and not supported by any factual report of concerned Local Planning Authority. Committee has a opinion that the factual report of concerned Local Planning Authority must be obtained regarding actual construction done by PP at project site .

Committee also noted that PP neither amended nor revalidate the earlier EC even though the PP had changed the configuration as well as orientation i.e. scope of buildings .As mentioned in condition no.6 of Environment Clearance dated 05/07/2007 "In the case of any change(s) in the scope of the project ,the project would require a fresh appraisal . In view of this the Committee opined that there appeared to be a violation of EIA Notification, 2006 by the PP Hence, SEAC decided to refer the proposal to Environment Department/ SEIAA for further necessary action for violation under Environment (Protection) Act, 1986. Environment Department/ SEIAA may examine the same.

After that the Environment Department Vide latter dated 22/11/2017 has decided there is no case of violation of the Environment (P) Act 1986.

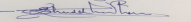
In the light of EIA Notification 2006 and amendment thereof issued by MoEF, SEAC III is required to give TOR's to the proposals in the category 8(B) B1. The proposal was discussed on the basis of draft TOR as presented by the PP. All issues related to environment, including air, water, noise, soil, ecology and biodiversity and social aspects were discussed.

The committee appraised the project under 8(b) B1 category of EIA Notification, 2006. PP to use model TOR available on the web site of MoEF in addition to the points mentioned below.

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 62nd Day-1 Meeting Date: January 8, 2018</p>	<p>Page 33 of 36</p>	<p>Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)</p>
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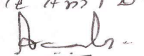
DECISION OF SEAC

SEAC-AGENDA-00000000044

Name - S.D.Aher
Designation - Secretary SEAC-III
Sign 
S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 34
of 36**

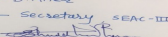
Name: K. Anil D.
Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

After deliberation, Committee asked PP to submit EIA report including all above points for further discussion and consideration of SEAC. PP requested for time to submit following information.

Specific Conditions by SEAC:

- 1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
- 2) PP to submit Authority letter for change in name of Project Proponent.
- 3) PP to details of commercial area in consolidated statement.
- 4) PP to submit condition wise compliance report of earlier EC conditions.
- 5) PP to submit architect certificate of work initiated on site as per earlier EC.
- 6) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
- 7) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017.
- 8) PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.
- 9) PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 10) PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.
- 11) 12. PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
- 12) 13. PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 13) 14. PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 14) 15. PP to submit cross section of all buildings.
- 15) 16. PP to submit parking area statement as per DCR.
- 16) 17. PP to submit cross section of basement showing width and slope of ramp.
- 17) 18. PP to submit details of basement parking.
- 18) 19. PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.
- 19) 20. PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 20) 21. PP to carry out fugitive dust monitoring by using local meteorological data.
- 21) 22. PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details.
- 22) 23. PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 23) 24. PP to submit disaster management plan.
- 24) 25. PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.
- 25) 26. PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
- 26) 27. PP to submit phase wise development plan considering wind rose diagram.
- 27) 28. PP to obtain and submit following NOC's: a) CFO NOC, b)Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
- 28) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.
- 29) 30. PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500
- 30) 31. PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 31) 32. PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
- 32) 33. PP to submit details hydro geological survey report with graphs & data.
- 33) 34. PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 34) 35. PP to provide mandatory RG area on virgin land and submit the drawing with calculations
- 35) 36. PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
- 36) 37. PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.
- 37) 38. PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
- 38) 39. PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 39) 40. PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted.
- 40) 41. PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.

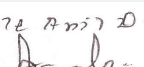

FINAL RECOMMENDATION

Name - S.D.Aher
Designation - Secretary SEAC-III
Sign - 

S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

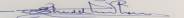
**Page 35
of 36**

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Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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.

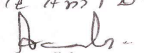
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Name - S.D.Aher
Designation - Secretary SEAC-III
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S.D.Aher (Secretary SEAC-III)

**SEAC Meeting No: 62nd Day-1 Meeting Date:
January 8, 2018**

**Page 36
of 36**

Name: K. Anil Kale
Signature: 

**Shri. Anil Kale (Chairman
SEAC-III)**