

Agenda of 69 th Meeting of SEAC-3

SEAC Meeting number: 69 Meeting Date August 29, 2018

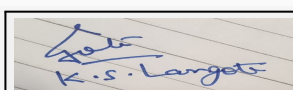
Subject: Environment Clearance for Project by M/s S.O.L Developers

Is a Violation Case: No

1.Name of Project	The Address
2.Type of institution	Private
3.Name of Project Proponent	Mr. Mukesh P. Patel
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	Gat No. 519/520,
9.Taluka	Haveli
10.Village	Moshi
Correspondence Name:	Mr. Mukesh P. Patel
Room Number:	Gat No. 519/520,
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Moshi, Tal. Haveli
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Applicable
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 100199.24
13.Note on the initiated work (If applicable)	22608.19 m ² (FSI : 11911.44 m ² + Non-FSI : 10696.75 m ²)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable (MHADA Area : 5495.85 m ²)
15.Total Plot Area (sq. m.)	39381.05 m ²
16.Deductions	3615.09 m ²
17.Net Plot area	35765.96 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 53190.74
	b) Non FSI area (sq. m.): 47008.50
	c) Total BUA area (sq. m.): 100199.24
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	7690.65
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.52 % of total plot area (39381.05 m ²) , 21.50 % of net plot area (35765.96 m ²)
21.Estimated cost of the project	2650000000

22.Number of buildings & its configuration

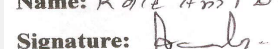
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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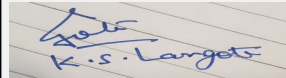
1	Building - A	P +12	38.85
2	Building - B	2P +12	41.70
3	Building - C	P +12	38.85
4	Building - D	P +12	38.85
5	Building - E	P +12	38.85
6	Building - F	P +12	39.00
7	Building - G	P +12	39.00
8	Building - H	P +12	38.85
9	Building - I	P +12	39.00
10	Building - J	P +11	36.00
11	Building - K	P +12	39.00
12	Amenity Building	G + 06	21.00

23.Number of tenants and shops	No. of Tenements: 993 Nos. Offices: 18 Nos. Gym: 01 No. Multipurpose hall: 01No. Restaurant: 01No.
24.Number of expected residents / users	Residential Users: 4965 Nos. Amenity Users: 337 Nos. Total Users: 5302 Nos.
25.Tenant density per hectare	252.15 /hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 m & 60 m wide road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement



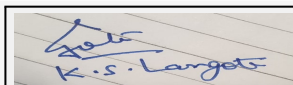
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Dry season:	Source of water	Pimpri-Chinchwad Municipal Corporation							
	Fresh water (CMD):	721.93 m3/day(One time)							
	Recycled water - Flushing (CMD):	231.86 m3/day							
	Recycled water - Gardening (CMD):	21.49 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	468.59 m3/day							
	Fire fighting - Underground water tank(CMD):	550.00 m3							
	Fire fighting - Overhead water tank(CMD):	240 m3							
	Excess treated water	377.06 m3/day							
Wet season:	Source of water	Pimpri-Chinchwad Municipal Corporation							
	Fresh water (CMD):	700.45 m3/day (One time)							
	Recycled water - Flushing (CMD):	231.86 m3/day							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	468.59 m3/day							
	Fire fighting - Underground water tank(CMD):	550.00 m3							
	Fire fighting - Overhead water tank(CMD):	240 m3							
	Excess treated water	398.54 m3/day							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



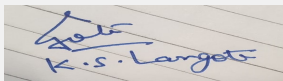
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34. Rain Water Harvesting (RWH)	Level of the Ground water table:	5.00 m to 17.00 m Below ground level.
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	18 Nos.
	Size of recharge pits :	1.50 m x 1.50 m x 1.50 m
	Budgetary allocation (Capital cost) :	Rs.7.20 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.50 Lakh/year
	Details of UGT tanks if any :	Residential & Commercial: Domestic water tank Capacity : 753.89 m ³ Flushing water tank Capacity : 380.01 m ³ Fire water tank Capacity : 550.00 m ³
35. Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	1392.48 m ³ /Hr
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	630.40 m ³ /day
	STP technology:	MBBR
	Capacity of STP (CMD):	STP 1 - 640 m ³ /day
	Location & area of the STP:	351.65 m ²
	Budgetary allocation (Capital cost):	Rs. 90.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 14.61 Lakh/year
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	75 kg/day
	Disposal of the construction waste debris:	Use for Levelling.
Waste generation in the operation Phase:	Dry waste:	1044 kg/day
	Wet waste:	1523 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	56.74 kg/day
	Others if any:	-



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Mode of Disposal of waste:	Dry waste:	Handed Over to SWaCH
	Wet waste:	Organic waste convertor
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC.
	Others if any:	-
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	80.00 m ²
	Area for machinery:	Included in other material area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 37.75 Lakh
	O & M cost:	Rs. 9.50 Lakh/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

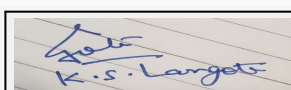
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set - 180 KVA	HSD - 350 lit/hr.	S - 1	6.68	As per norms	-

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	350 lit/hr	350 lit/hr
41. Source of Fuel		Bharat Petroleum Corporation Limited or Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By Roadway		



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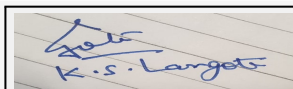
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43.Green Belt Development	Total RG area :	3582.66 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	492 Nos.
	List of proposed native trees :	-
	Timeline for completion of plantation :	Before Completion of Buildings

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	Azardirachta indica	Neem	16	Medicinal value, To control soil erosion. To improve soil erosion
2	Bahunia racemosa	Apta	20	Every part of the plant is medicinal, Drought tolerant species.
3	Dalbergia sissoo	Shisav	20	Medicinal value, Bird attracting species ,
4	Erythrina indica	Pangara	20	Fragrant flowers, Drought tolerant species, Birds attracting
5	Gmelina arborea	Shivan	20	Medicinal value, Drought tolerant species, Bird attracting species.
6	Murraya exotica	Kamini	19	Native species, Fragrant flowers,
7	Aegle marmelos	Bel	20	Medicinal value, Drought tolerant species,
8	Nyctanthus arbortristis	Parijatak	24	Fragrant flowers, Medicinal value,
9	Putrnjiva roxburghii	Putrnjiva	28	Medicinal value, Drought tolerant species,
10	Melia Azaradichta	Bakam neem	16	Medicinal value, Native species Bird attracting species.
11	Schleichera oleosa	Kusum	25	Native species, Fragrant flowers.
12	Albizialebek	Shirish	17	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
13	Cordiadichotoma	Bhokar	13	Medicinal value, Edible fruits,
14	Bauhiniablackiana	Kanchanraj	16	Every part of the plant is medicinal, Drought tolerant species.
15	Ficusglomerata	Umber	08	Medicinal value, Edible fruits, Bird attracting species
16	Buteamonosperma	Palas	12	Medicinal value, Bird attracting species , To control soil erosion.
17	Syzygiumcumini	Jamun	12	Medicinal value, Edible fruit.
18	Anthocephaluskadamba	Kadamb	20	Medicinal value, To control soil erosion,Birds, squirrels, monkey eat fruits.
19	Azardirachtaindica	Neem	16	Medicinal value, To control soil erosion.To improve soil erosion



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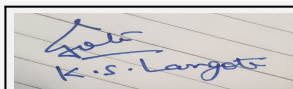
Shri. Anil Kale (Chairman SEAC-III)

20	Dalbergiasissoo	Shisav	29	Medicinal value, Bird attracting species
21	Ficusarnottiana	Payar	12	Drought tolerant species, Bird attracting species. To control soil erosion.
22	Bauhiniapurpurea	Gulabikanchan	12	Every part of the plant is medicinal, Drought tolerant species
23	Ficusretusa	Nandruk	08	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant
24	Pongamiapinnata	Karanj	08	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
25	Mangiferaindica	Mango	08	Edible fruit, Bird attracting species.
26	Micheliachampaca	Sonchafa	09	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
27	Ailanthus excelsa	Maharukh	16	Medicinal value, To control soil erosion
28	Cassiafistula	Bahawa	12	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
29	Saracaindica	Sita-ashok	12	Medicinal value, Drought tolerant species,
30	Cochlospermumreligiosum	Sonsawar	12	Medicinal value, Native species
31	Elaeocarpussphaericus	Rudraksha	12	Medicinal value, Native species
45.Total quantity of plants on ground				

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

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

47.Energy

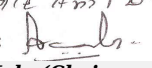


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Power requirement:	Source of power supply :	MSEDCL. (Maharashtra State Of Electricity Distribution Company Ltd.)
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	01 No. - 40 KVA
	During Operation phase (Connected load):	4803.33 KVA
	During Operation phase (Demand load):	3842.66 KVA
	Transformer:	04 Nos.x 22KV/ 630 KVA (Load 1.5 & 2.5DF For Transformer Selection In 2335.55KVA)
	DG set as Power back-up during operation phase:	02 Nos. x 180 KVA
	Fuel used:	HSD - 350 lit/hr.
	Details of high tension line passing through the plot if any:	Yes

48. Energy saving by non-conventional method:

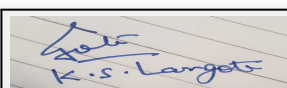
Solar water heating systems will be done for bathrooms.
 Solar lights will be provided for common amenities like Street lighting & Garden lighting.
 CFL & LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
 Auto Timer switches will be provided for Street lights, Garden lights, Parking & staircase Lights & other common area Lights, for saving electrical energy.
 Water level controllers with timers will be used for Water pumps.
 To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED lights.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	38391.45 KWH
2	Planter Of Lighter - Light Fitting For Landscape Area.	3285 KWH
3	Bollard Lighter - Light Fitting For Landscape Area.	4599 KWH
4	Recesses or Up Wall Light For Landscape Area.	4599 KWH
5	Solar Street Light Fitting - Pole Light On Road Side.	7008 KWH
6	Street Light on the Bldg.	7884 KWH
7	Energy Saving by Solar Hot Water System	1117125 KWH

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Barricating the site	Green belt will be Provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening



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Noise	Noise monitoring has done in once a fortnight	Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 148.90 Lakh
	O & M cost:	Rs. 2.98 Lakh/year.

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

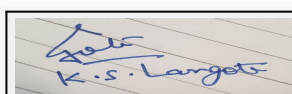
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP 1	Capacity - 640 KLD	90.00	14.61
2	RWH	-	7.20	1.50
3	MSW	-	37.75	9.50
4	Solar System	-	148.90	2.98
5	Landscaping	-	26.00	12.00
6	Safety Equipments	-	10.00	2.00
7	Post EC Monitoring	-	-	2.50
8	Dry Waste management	-	-	5.95

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



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No Information Available

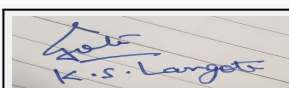
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	-
	Total Parking area:	24100.20 m2
	Area per car:	44.71
	Area per car:	44.71
	Number of 2-Wheelers as approved by competent authority:	2112
	Number of 4-Wheelers as approved by competent authority:	539
	Public Transport:	-
	Width of all Internal roads (m):	6 .00 m & 12.00 m
	CRZ/ RRZ clearance obtain, if any:	No
	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	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

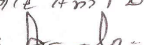
Brief information of the project by SEAC



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Environment Clearance for Project at Gat No. 519/520 at village Moshi, Tal Haveli, Dist Punet by M/s S.O.L Developers.

PP submitted their application for Expansion of Environmental clearance for total plot area of 39, 381.0 5Sq. Mtrs, FSI area of 53190.74Sq. Mtrs, Non FSI area of 47008.50 Sq.m and BUA of 100199.24 Sq. Mtrs. PP proposes to construct total 11 residential buildings and 1 no. of Amenity building.

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

DECISION OF SEAC

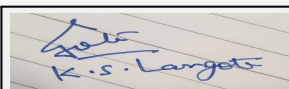
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit CFO NOC.
- 2) PP to submit undertaking for Sustainable water supply.
- 3) PP to submit phase wise programme considering wind rose diagram.
- 4) PP to submit undertaking for implementation of CER.

FINAL RECOMMENDATION

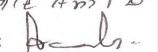
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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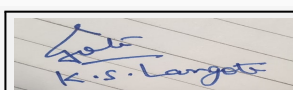
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Subject: Environment Clearance for Proposed Development project 'PMRDA Corporate office'At S.No. 191A/1A/A/1,C.S.No.2176, Yerawada, Haveli Taluka, Pune By Pune Metropolitan Regional Development Authority, Pune

Is a Violation Case: No

1.Name of Project	Proposed Development project 'PMRDA Corporate office'At S.No. 191A/1A/A/1,C.S.No.2176, Yerawada, Haveli Taluka, Pune By Pune Metropolitan Regional Development Authority, Pune
2.Type of institution	Government
3.Name of Project Proponent	Mr. Kiran Gitte
4.Name of Consultant	Vke environmental LLP
5.Type of project	Building & Construction project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No. 191A/1A/A/1,C.S.No.2176, Yerawada, Pune
9.Taluka	Haveli
10.Village	Yerawada
Correspondence Name:	Mr. Kiran Gitte
Room Number:	S.No. 152-153
Floor:	Maharaja Sayaji Gaikwad Udyog Bhavan
Building Name:	Maharaja Sayaji Gaikwad Udyog Bhavan
Road/Street Name:	Aundh
Locality:	Aundh
City:	Pune - 411067
11.Area of the project	Pune Municipal corporation
12.IOD/IOA/Concession/Plan Approval Number	Under process
	IOD/IOA/Concession/Plan Approval Number: Under process
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	5510 m2
16.Deductions	For road 178.46
17.Net Plot area	Gross plot area: 5331.54 m2, Area under Reservation Green 533.15 m2, Net Plot area: 4798.39 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 10428.72 m2
	b) Non FSI area (sq. m.): 15248.70 m2
	c) Total BUA area (sq. m.): 25677
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	2674.92
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	50%
21.Estimated cost of the project	950000000

22.Number of buildings & its configuration



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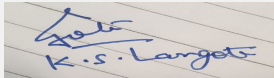
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Corporate Office	L.GR + 4 Podium floors + 5 Office floors	39.25	
23.Number of tenants and shops	1 corporate building having 5 level offices			
24.Number of expected residents / users	780 nos.			
25.Tenant density per hectare	1415			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12 m wide road, Nearest Fire station - Yerawada fire station: Approx distance 1.32 km			
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	No			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				



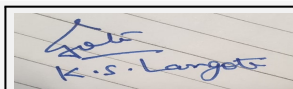
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Name: K. S. Anil D.
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Dry season:	Source of water	PMC							
	Fresh water (CMD):	17							
	Recycled water - Flushing (CMD):	14							
	Recycled water - Gardening (CMD):	6							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	37							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	8							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	17							
	Recycled water - Flushing (CMD):	14							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	31							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	14							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



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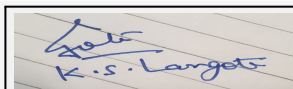
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	10 m bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	01
	Size of recharge pits :	1m x 1m x 2m
	Budgetary allocation (Capital cost) :	300000
	Budgetary allocation (O & M cost) :	15000
	Details of UGT tanks if any :	Domestic Water Tank 17200 lit Flushing water tank 14040 lit Fire Tank-1 100000 lit Fire Tank-2 100000 lit

35.Storm water drainage	Natural water drainage pattern:	The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits.
	Quantity of storm water:	3086 m3 per year
	Size of SWD:	200mm

Sewage and Waste water	Sewage generation in KLD:	28
	STP technology:	MBBR
	Capacity of STP (CMD):	1 STP 30 KLD capacity
	Location & area of the STP:	Location: near Open Space, Area: Approximately 45 sqm
	Budgetary allocation (Capital cost):	1250000
	Budgetary allocation (O & M cost):	275000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	From Labors: 10 kg/day
	Disposal of the construction waste debris:	The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.
Waste generation in the operation Phase:	Dry waste:	117 kg/day
	Wet waste:	78 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	1.2 kg/day
	Others if any:	E waste: 2 kg/day



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Mode of Disposal of waste:	Dry waste:	Will be handed over to SWaCH.
	Wet waste:	will be treated in Organic Waste Converter (OWC).
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried sludge from STP will be used as manure.
	Others if any:	E waste will be handed over to authorized recyclers
Area requirement:	Location(s):	Near Open space
	Area for the storage of waste & other material:	13 m ²
	Area for machinery:	17 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	850000
	O & M cost:	215616

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

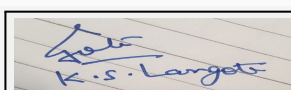
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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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43.Green Belt Development	Total RG area :	533.15 m2
	No of trees to be cut :	18
	Number of trees to be planted :	116
	List of proposed native trees :	Please refer below
	Timeline for completion of plantation :	Till operation phase

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

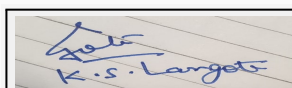
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	CASSIA FISTULA	BAHAVA	9	Edible plant parts (edible seeds)food (herb & spice) medicinal- mild laxative , road side tree
2	NYCTANTHES ARBORTRISTIS	PARIJATAK	15	Cultural religious , medicinal- stimulate the immune system parks & gardens , small gardens.
3	MURRAYA PANICULATA	KUNTI	10	Evergreen tree Native to western part Flowering tree
4	BAUHINIA RACEMOSA	APTA	10	rare medicinal species of flowering shrub with religious significance
5	CITRUS SP	LEMON	10	Fruit bearing medicinal value
6	KAKAWATE GLIRICIDIA SEPIUM	KASHID	10	Deciduous tree common on road side, flowering tree
7	GLIRICIDIA SEPIUM(JACQ.)	GLIRICIDIA	45	Deciduous tree common on road side, flowering tree
8	DELONIX REGIA	GULMOHAR	2	deciduous tree large shaded tree
9	Dalbergia SISSOO	SHEESHAM	5	Medicinal value hardy deciduous rosewood tree native to the Indian Subcontinent

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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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	40 kw
	DG set as Power back-up during construction phase	1 of 62.5 KVA
	During Operation phase (Connected load):	1469 KW
	During Operation phase (Demand load):	899 kW
	Transformer:	1 of 1000 KVA
	DG set as Power back-up during operation phase:	2 DG set of 500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Lighting fixtures selected for indoor & outdoor lighting are of high efficiency & compliant with ECBC. Internal lighting provided with occupancy sensors, photo sensors, and timer based controls on each floor as per ECBC. Maximum lighting power density as per building area method is 0.9 w/ sq.ft. However it is required to further reduce this LPD by at-least 30% without compromise in illumination levels and uniformity of distribution.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of Solar Hot water	300 kld
2	Use of Solar PV	51 KW

50. Details of pollution control Systems

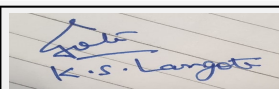
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	4600000
	O & M cost:	210000

51. Environmental Management plan Budgetary Allocation

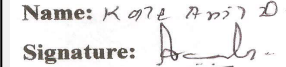
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	3.54
2	Land	Labour Camp toilets & sanitation	4.80


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3	Health & Safety	Labour Safety Equipments and training	4.00
4	Environment	Environmental Monitoring	1.85
5	Health & Safety	Disinfection and Health Check-ups	0.51
6	Environment Management	Environmental Monitoring cell	1.70

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	12.5	2.75
2	Solid waste management	1 OWC	8.50	2.15
3	Landscaping	development & maintenance of green area	150.00	1.50
4	Rain water harvesting	1 Recharge pit	3.0	0.15
5	Environmental Monitoring	air,water,noise,soil,waste water,OWC manure	-	1.82
6	Renewable energy	Solar Hot Water System	46.0	2.10

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

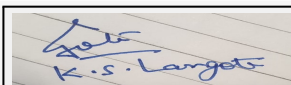
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

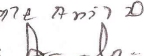
Nos. of the junction to the main road & design of confluence:	Proposed site is located at Yerawada. The road network within the site has been designed to cater to the traffic loads of the project.Internal driveways are 6 m wide. Existing access road is 12 m wide.
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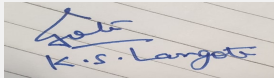
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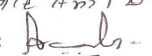
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	4 level of podium having area 9536.58 sqm
	Total Parking area:	11968.46 Sq.m
	Area per car:	12.5 sqm
	Area per car:	12.5 sqm
	Number of 2-Wheelers as approved by competent authority:	1512
	Number of 4-Wheelers as approved by competent authority:	302
	Public Transport:	NA
	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	Building & construction project
	Court cases pending if any	NA
	Other Relevant Informations	Proposed Project is PMRDA corporate office development
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


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Environment Clearance for proposed Development project 'PMRDA Corporate office at S.No. 191A/1A/A/1, C.S.No.2176, at Yerawada, Haveli Taluka, Pune by Pune Metropolitan Regional Development Authority (PMRDA).

PP submitted their application for prior Environmental clearance for total plot area of 5510Sq. Mtrs, Total built up area of 25677 Sq. Mtrs and FSI area of 10428.72Sq. Mtrs and Non FSI area of 15248.70. Sq. Mtrs. PP proposes to construct 1 no. Corporate office building.

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

DECISION OF SEAC

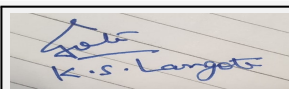
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit undertaking for sustainable water supply.
- 2) PP to submit revised PV panel layout and details of energy saving.
- 3) PP to submit undertaking for CER activities.

FINAL RECOMMENDATION

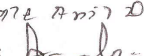
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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Agenda of 69 th Meeting of SEAC-3

SEAC Meeting number: 69 Meeting Date August 29, 2018

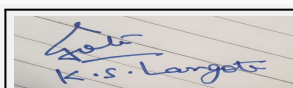
Subject: Environment Clearance for proposed construction project by M/s G.K. Associates

Is a Violation Case: No

1.Name of Project	Silverland Residency Phase-III
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vinod Chandwani
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 63/2
9.Taluka	Haveli
10.Village	Ravet
Correspondence Name:	V. P. Chandwani
Room Number:	-
Floor:	-
Building Name:	G K Associates
Road/Street Name:	Opposite Shivar Garden,
Locality:	Pimple Saudagar
City:	Pune-411027.
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received
	IOD/IOA/Concession/Plan Approval Number: B.P./EC/Ravet/03/18 Dated 08/03/2018
	Approved Built-up Area: 26144.00
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable- 1137.11m ²
15.Total Plot Area (sq. m.)	7000.00m ²
16.Deductions	1315.8m ²
17.Net Plot area	5684.20m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 12018.09m ²
	b) Non FSI area (sq. m.): 14125.91m ²
	c) Total BUA area (sq. m.): 26144.00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12018.09
	Approved Non FSI area (sq. m.): 14125.91
	Date of Approval: 08-03-2018
19.Total ground coverage (m ²)	1599.32m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.84% of Total plot area (7000.00m ²) and 28.13% of Net plot area (5684.20m ²)
21.Estimated cost of the project	431000000

22.Number of buildings & its configuration

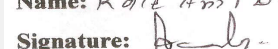
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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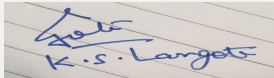
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1	Building - A (MHADA+Comm)	G+6	24.35	
2	Building- B	2P+10	35.50	
3	Building - C	2P+10	35.50	
4	Building - D	2P+10	35.50	
23.Number of tenants and shops	Total Tenements - 233Nos. Shops- 04 Nos			
24.Number of expected residents / users	Residential Users -1165Nos. Commercial Users - 62Nos. Total Users -1227Nos.			
25.Tenant density per hectare	332.85			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18M wide DP road			
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	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				



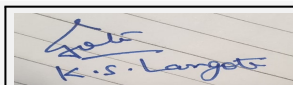
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	168.86 m3/day(One Time)							
	Recycled water - Flushing (CMD):	53.98 m3/day							
	Recycled water - Gardening (CMD):	3.79 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	111.09m3/day							
	Fire fighting - Underground water tank(CMD):	150m3							
	Fire fighting - Overhead water tank(CMD):	70m3							
	Excess treated water	91.77m3/day							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	165.07m3/day(One Time)							
	Recycled water - Flushing (CMD):	53.98m3/day							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	111.09m3/day							
	Fire fighting - Underground water tank(CMD):	150m3							
	Fire fighting - Overhead water tank(CMD):	70m3							
	Excess treated water	94.58m3/day							
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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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-Monsoon: 15m -20m BGL, Post Monsoon: 5m -10m BGL	
	Size and no of RWH tank(s) and Quantity:	Not Applicable	
	Location of the RWH tank(s):	Not Applicable	
	Quantity of recharge pits:	3 nos	
	Size of recharge pits :	1.50m x 1.50m x 1.50m	
	Budgetary allocation (Capital cost) :	Rs 1.50 Lakh	
	Budgetary allocation (O & M cost) :	Rs.0.75 Lakh/Year	
	Details of UGT tanks if any :	Residential: Domestic UG tank Capacity: 186.00 m3 Flushing tank capacity: 77.00 m3 Fire UG tank Capacity: 150.00 m3 MHADA & Commercial: Domestic UG tank capacity: 22.00 m3 Flushing tank capacity: 10.00 m3	
35.Storm water drainage	Natural water drainage pattern:	-	
	Quantity of storm water:	2816 m3/ year	
	Size of SWD:	300mm	
Sewage and Waste water	Sewage generation in KLD:	132.08 m3/day (Residential) + 16.48 m3/day (MHADA & Commercial)=148.56 m3/day	
	STP technology:	MMBR (Moving Media Bioreactor)	
	Capacity of STP (CMD):	135 m3/day- 1 no(Residential) & 20 m3/day-1 no(MHADA & Commercial)	
	Location & area of the STP:	Area = 69.76 m2 (135m3/day), 24m2 (20m3/day)	
	Budgetary allocation (Capital cost):	For 135 m3/day(STP 1)- Rs 34.00 Lakh, For 20 m3/day(STP 2)- Rs16.00 Lakh	
	Budgetary allocation (O & M cost):	For 135m3/daySTP 1)- Rs 11.8 Lakh/Year, For 20m3/day(STP 2)- Rs 5.25 Lakh/Year	
36.Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	40kg/day	
	Disposal of the construction waste debris:	Use for Leveling.	
Waste generation in the operation Phase:	Dry waste:	242.3 kg/day	
	Wet waste:	355.7 kg/day	
	Hazardous waste:	Not Applicable	
	Biomedical waste (If applicable):	Not Applicable	
	STP Sludge (Dry sludge):	23 Kg/day	
	Others if any:	-	
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Mode of Disposal of waste:	Dry waste:	SWaCH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure after treatment in OWC
	Others if any:	-
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	42.00 m ²
	Area for machinery:	Included in other material area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.14.75 Lakh
	O & M cost:	Rs.3.05 Lakh/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

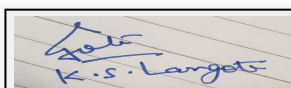
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set- 125 KVA-1 No.	HSD-21.6 Lits/Hrs.	S-1	4.68 m	To be provided	To be provided

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	21.6 Lits/ Hr	21.6 Lits/Hr
41. Source of Fuel		Bharat Petroleum Corporation Limited/Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By Roadway		



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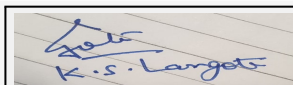
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43.Green Belt Development	Total RG area :	631.96m2
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	87 Nos
	List of proposed native trees :	87 Nos
	Timeline for completion of plantation :	Mid of Construction

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	Mimusop ellengii	Bakul	04	Indigineous species, medium sized, yellow flowering, attract birds.
2	Acrus sapota	Chickoo	04	Fruit tree, seasonal, shady.
3	Michelli champaka	Sonchafa	06	Medium sized, yellow flowering, fragrant, flowers used for worshipment.
4	Bottle palm	Royale Palm	04	Tall growing, Avenue plant.
5	Mangifera indica	Mango Tree	04	Fruit plant, popular fruit, king of fruits, seasonal, shady.
6	Cordia sabistana	Cordia	04	Orange flowering, evergreen foilege, shady.
7	Millintonia hortensis	Booch	04	Indigenous species, white flowering, fragrant, bird attracting, shady.
8	Ficus benjamina	Ficus	04	Dense & evergreen foilege, tall growing, shady.
9	Azadirachta indica	Kadu limb	04	Tall evergreen, medicinal uses, generate 99% of oxygen through its leaves.
10	Bauhinia	Apta	04	Fast-growing, attractive, deciduous tree with a dense spreading crown, violet color flowering
11	Erythrina variegata	Angara	04	Indigenous tree, fast growing tree, medicinal plant, shade tree,multipurpose tree
12	Drypetes	Putranjeeva	04	Pale yellow flowers in clusters and bright orange to red fruits, shrub, unisexual in nature.
13	Cordia dichtoma	Bhokar	04	Deciduous tree, medicinal uses, cultivated for fruits
14	Gmelina arborea	Shivan	04	Fast-growing, unarmed, moderately sized, use as a food, medicine and source of materials.
15	Khaya grandis	Mohagani	04	Indigenous,kind of wood ,Medium sized
16	Lagerstromia reginea	Tamhan	04	Small to medium sized deciduous tree. Leaves opposite, narrowly elliptic,Flowers white



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17	Neolamarckia	Kadamb	04	Large, tall tree, Flowers are small, orange-colored simple leaves. Fruit is a pseudocarp
18	Pongamia pinnata	Karanj	04	Deciduous tree, Small clusters of white, purple, and pink flowers
19	Populus spp	Popular	04	Deciduous flowering plants, flowers are mostly dioecious
20	Ptero spermum	Muchkund	04	Indigenous, large, white, finger shaped flowers
21	Emblica	Aawala	05	Medium sized, The leaves simple, sub-sessile and closely set, flowers are greenish-yellow, fruit is nearly spherical, light greenish yellow

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

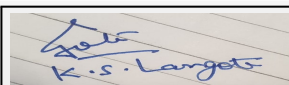
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	15KW
	DG set as Power back-up during construction phase	40 KVA-1No.
	During Operation phase (Connected load):	718 KW
	During Operation phase (Demand load):	505 KW
	Transformer:	1 nos. x 630 KVA
	DG set as Power back-up during operation phase:	125KVA- 1 No.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

48.Energy saving by non-conventional method:

- Generally we have proposed high efficiency transformer, motors etc. to reduce losses.
- Electronic Ballasts and Energy efficient lamp source either triposphere or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate time. The estimated saving in common lighting consumption is up to 15 % due to adopting above measures.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Low power high efficiency CFL/LED lights in Landscapae & Street lights.	2628 KWH/Annum



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2	Low power high efficiency CFL/LED lights in Solar Street Lights.	3504 KWH/Annum
3	Low power high efficiency T5/LED lights for Parking & Lobby Area.	14615 KWH/Annum

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 35.00 Lakh
	O & M cost:	Rs. 0.70 Lakh/Year

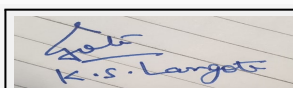
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00Lakh/Year

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 1	135m3/day	34.00 Lakh	11.8 Lakh/Year
2	STP 2	20m3/day	16.00 Lakh	5.25 Lakh/Year
3	RWH	-	1.50 Lakh	0.75 Lakh/Year
4	MSW	-	14.75 Lakh	3.05 Lakh/Year
5	Energy System	-	35.00 Lakh	0.70 Lakh/Year
6	Landscaping	-	8.00 Lakh	2.50 Lakh/Year
7	Safety Equipment	-	10.00 Lakh	2.00 Lakh/Year
8	Post EC Monitoring	-	-	2.50 Lakh/Year
9	Dry Waste Management	-	-	1.40 Lakh/Year



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

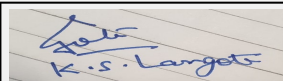
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

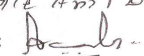
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	1 no-4220.93m ²
	Total Parking area:	8269.95m ²
	Area per car:	67.23m ²
	Area per car:	67.23m ²
	Number of 2-Wheelers as approved by competent authority:	484
	Number of 4-Wheelers as approved by competent authority:	123
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	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	-



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	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for proposed construction project on S. No. 63/2 village Ravet, Tal Haveli, Dist Pune by M/s G.K. Associates.

PP submitted their application for prior Environmental clearance for total plot area of 7000 Sq. Mtrs, Total BUA of 26144 Sq. Mtrs , the FSI area of 12018.09 Sq. Mtrs and Non FSI area of 14125.91 Sq.m. PP proposes to construct total 4 no. residential buildings out of that 3 residential and 1 MHADA with commercial building.

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

DECISION OF SEAC

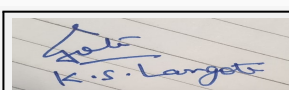
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit revise calculations / percentage for energy saving along with terrace plan.
- 2) PP to submit plan for SWD & also submit NOC connectivity to Nalla.
- 3) PP to submit undertaking for CER activities.

FINAL RECOMMENDATION

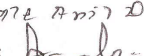
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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Agenda of 69 th Meeting of SEAC-3

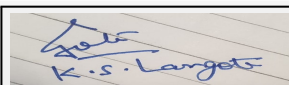
SEAC Meeting number: 69 Meeting Date August 29, 2018

Subject: Environment Clearance for Application for Environmental Clearance for proposed Residential & Commercial project at Charholi Budruk, Pune

Is a Violation Case: No

1.Name of Project	Residential & Commercial project by M/s. Xrbia Mirth Properties LLP
2.Type of institution	Private
3.Name of Project Proponent	Mr.Veer Bharati Kouls- Xrbia Mirth Properties LLP
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd., Thane, Maharashtra
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 309/1 & 309/2
9.Taluka	Haveli
10.Village	Charholi Budruk
Correspondence Name:	Xrbia Mirth Properties LLP
Room Number:	929
Floor:	1st floor
Building Name:	Mantri House
Road/Street Name:	FC road
Locality:	Pune
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD IOD/IOA/Concession/Plan Approval Number: Kra. BP/Paryavaran/Charholi/01/2017 Approved Built-up Area: 119241
13.Note on the initiated work (If applicable)	Not Applicable as project is new construction.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Included in IOD
15.Total Plot Area (sq. m.)	48,460 m2
16.Deductions	12,085 m2
17.Net Plot area	36,375 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 82,285 m2
	b) Non FSI area (sq. m.): 42,318 m2
	c) Total BUA area (sq. m.): 124603
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	9,236 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25 % of total net plot area
21.Estimated cost of the project	1892000000

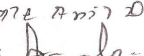
22.Number of buildings & its configuration



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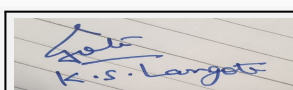
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A1	P + 12	38.67
2	Building A2	P + 12	38.67
3	Building B1	P + 12	38.67
4	Building B2	P + 12	38.67
5	Building B3	P + 12	38.67
6	Building B4	P + 12	38.67
7	Building C1	P + 12	38.67
8	Building C2	P + 12	38.67
9	Building C3	P + 12	38.67
10	Building C4	P + 12	38.67
11	Building C5	P + 12	38.67
12	Building D1 (MHADA)	P + 12	38.67
13	Commercial Building (Amenity Area)	B+G+2	12.60

23.Number of tenants and shops	Tenements-2,800 nos. and Shops - 87 nos.
24.Number of expected residents / users	Residential- 14,000 nos. & Shops- 261 nos.
25.Tenant density per hectare	577 /Ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	6 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement



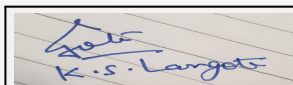
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Dry season:	Source of water	Pimpri Chinchwad Municipal corporation							
	Fresh water (CMD):	1265 m3/day							
	Recycled water - Flushing (CMD):	637 m3/day							
	Recycled water - Gardening (CMD):	23 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	1902 m3/day							
	Fire fighting - Underground water tank(CMD):	600 m3							
	Fire fighting - Overhead water tank(CMD):	240 m3							
	Excess treated water	794 m3/day							
Wet season:	Source of water	Pimpri Chinchwad Municipal corporation							
	Fresh water (CMD):	1265 m3/day							
	Recycled water - Flushing (CMD):	637 m3/day							
	Recycled water - Gardening (CMD):	12 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	1902 m3/day							
	Fire fighting - Underground water tank(CMD):	600 m3							
	Fire fighting - Overhead water tank(CMD):	240 m3							
	Excess treated water	805 m3/day							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



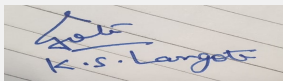
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 21.50 m. to 26.25 m. BGL. (23.88 M. Average) ; Rainy Season - 9.25 m. to 15.50 BGL. (12.38 M. Average) ; Winter Season - 15.38 m. to 20.88 m. BGL. (18.13 M. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	21 nos.
	Size of recharge pits :	2.0 m. X 2.0 m. X 2.0 m Depth
	Budgetary allocation (Capital cost) :	Rs. 19.00 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.25 Lakh/year
	Details of UGT tanks if any :	Domestic: 1,832 m3 Flushing: 920 m3 Fire: 600 m3
35.Storm water drainage	Natural water drainage pattern:	Along with road side nalla
	Quantity of storm water:	47.18 m3/ min.
	Size of SWD:	300 mm
Sewage and Waste water	Sewage generation in KLD:	1,616 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. x 1,517 m3/day ; 1 no. x 180 m3/day
	Location & area of the STP:	STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2
	Budgetary allocation (Capital cost):	Rs. 72.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 4.00 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	13,854.30 m3
	Disposal of the construction waste debris:	Will be used for levelling & backfilling work at site
Waste generation in the operation Phase:	Dry waste:	1935 kg/day
	Wet waste:	4430 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	15 kg/day
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler for further handling and process
	Wet waste:	Through Organic Waste Converter. Generated manure will be used for gardening and landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure for gardening purpose
	Others if any:	NA
Area requirement:	Location(s):	South west side of the project
	Area for the storage of waste & other material:	150 m ²
	Area for machinery:	9 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 28 Lakhs
	O & M cost:	Rs. 4 lakhs/year

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

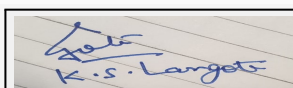
39. Stacks emission Details

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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43.Green Belt Development	Total RG area :	4,827 m2
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	613 Nos.
	List of proposed native trees :	Provided
	Timeline for completion of plantation :	6 to 9 months after completion of Civil Works

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

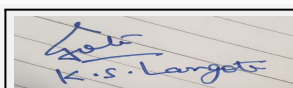
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizzia Lebbek	Shirish	34	Shade-giving tree
2	Artocarpus Heterophyllus	Fanas	49	Shade-giving tree
3	Azadirachta Indica	Neem/ Kadunimb	77	Hardy, drought resistant Medicinal Tree
4	Bauhinia Purpurea	Apta/Kanchan	28	Butterfly Host Tree
5	Cassia Fistula	Bahava	16	Drought-resistant, butterfly-host tree
6	Cassia Siamea	Kassod	26	Drought-resistant, butterfly-host tree
7	Emblica Officinalis	Amala/ Awala	95	Medicinal properties
8	Lagerstroemia Flos-reginae	Tamhan	15	Ornamental plant
9	Michelia champaka	Piwala chapha	87	Butterfly-host plant
10	Milingtonia hortensis	Booch	16	Ornamental plant
11	Pterospermum acerifolium	Muchkund	33	Quick growing Tree
12	Pongamia pinnata	Karanj	43	Shade-giving tree
13	Saraca Indica	Sita Ashok	15	Shade-giving tree
14	Muntingia calabura	Cherry	99	Fruit attracts birds and 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	NA	NA	NA

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200 kW
	DG set as Power back-up during construction phase	1 no. x 500 kVA
	During Operation phase (Connected load):	5504 kVA
	During Operation phase (Demand load):	5450 kVA
	Transformer:	10 nos. x 630 kVA
	DG set as Power back-up during operation phase:	2 no. x 200 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar PV panel

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	By using LED	2.52 %
2	By using Solar	1%

50. Details of pollution control Systems

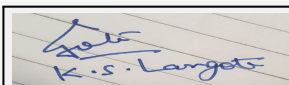
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 48 Lakh
	O & M cost:	Rs. 4.0 Lakh/year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

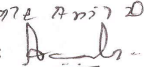
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for dust suppression	Rs 2.0
2	Site Sanitation & Safety	Sanitation Disinfection & Health check up	Rs. 7.00
3	Environmental Monitoring	Environmental Monitoring	Rs. 2.50
4	Disinfection	Sanitation	Rs. 1.00
5	Health Check up	Safety parameters	Rs. 2.50



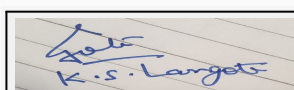
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b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sewage Treatment plant	2 no. of STP having total Capacity 1,617 m ³ /day	Rs. 72	Rs. 4.0			
2	Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC (-1-nos.)	Rs. 28	Rs. 4.0			
3	Landscape	Tree Plantation & Landscaping	Rs. 47.5	Rs. 5.1			
4	Environmental Monitoring	Monitoring and analysis of Air and Noise, water, soil etc.	MoEF approved laboratory	Rs. 5			
5	Energy Conservation	Solar street lighting	Rs. 48	Rs. 4.0			
6	Rain Water Harvesting	21 no. of recharge pits	Rs. 19	Rs. 1.25			
7	Laying of storm & Sewer line up to final disposal point	Laying of storm & Sewer line up to final disposal point	Rs. 66	Rs. 2			
8	Water Treatment Plant	1 nos. of WTP having capacity 106 m ³ /hr	Rs. 40	Rs. 2			
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:			1 No.				

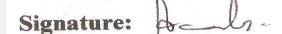


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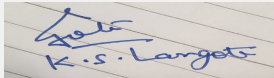
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Parking details:	Number and area of basement:	1 basement for commercial building and area is 979.40 m ²
	Number and area of podia:	NA
	Total Parking area:	37,580 m ²
	Area per car:	30 m ²
	Area per car:	30 m ²
	Number of 2-Wheelers as approved by competent authority:	5750 Nos.
	Number of 4-Wheelers as approved by competent authority:	414 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	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), B2
	Court cases pending if any	NA
	Other Relevant Informations	<p>1. We have provided WTP for project having capacity 106 m³/hr. Quantity of water requirement for WTP is 1,265 m³/day & treated water from WTP is 1,265 m³/day. Area provided for WTP is 60 m².</p> <p>2. We have submitted application on MoEF state portal having proposal no. SIA/MH/NCP/72465/2018 dt.24.01.2018. We are applying for New Residential and Commercial project under schedule 8(a) B2 category.</p>
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	24-01-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		



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Environment Clearance for Application for Environmental Clearance for proposed Residential & Commercial project on S. No. 309/1 & 309/2 at Village Charholi Budruk, Pune by M/s. Xrbia Mirth Properties LLP.

PP submitted their application for prior Environmental clearance for total plot area of 48460 Sq. Mtrs, BUA of 124603 Sq. Mtrs, FSI area of 82285 Sq. Mtrs and Non FSI area of 42,318 Sq.m. PP proposes to construct total 13 nos. of buildings in which 1 MHADA & 1 commercial building.

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

DECISION OF SEAC

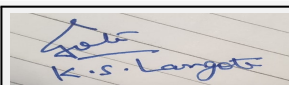
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit HPCL NOC for allowing development either side of their line. Along with plan showing distance required.
- 2) PP to submit fire tender movement plan.
- 3) PP to explore the plan for keeping petrol line separate from compound wall
- 4) PP to submit Traffic Management plan for development plan for the development - Internal circulation with road width should be revised with showing clear road width showing clear road of 6 meter s and turning radius of 9 mtrs ,PP to submit cross section of roads at four to five places showing clear road width 6 meter, 1.5 meter distance left from building line, spaces left for plantation ,footpath , service lines etc.
- 5) PP to submit parking layout plan along with parking details for commercial area, also entry exit to be shown.
- 6) PP to submit parking basement layout and ventilation plan.
- 7) PP to submit cross section of internal road and parking statement as per norms.
- 8) PP to submit revised site specific and executable EMP.
- 9) PP to submit plan for sewer line connectivity arrangement up to final disposal point. Along with cost required.
- 10) PP to submit undertaking for drainage arrangement.
- 11) PP to submit cross sections of plot boundary showing the storm water drain, space left between compound wall, tree plantation line, and internal road.
- 12) PP to submit STP & OWC drawing/plan.
- 13) PP to submit undertaking for implementation of CER.

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



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Agenda of 69 th Meeting of SEAC-3

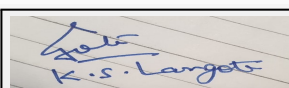
SEAC Meeting number: 69 Meeting Date August 29, 2018

Subject: Environment Clearance for Proposed Group Housing project at S.No.98/1(P),98/2,99/1,99/2(P),99/3(P),99/4(P),101/2(P) & 101/3 at Village Name - Mann, Tal. Mulshi, Dist. Pune, Maharashtra, Pin code 411 057

Is a Violation Case: No

1.Name of Project	Proposed Group Housing project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajendra Gadekar
4.Name of Consultant	Building Environment India PVT. LTD.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No.98/1(P),98/2,99/1,99/2(P),99/3(P),99/4(P),101/2(P) & 101/3 at Village Name - Mann, Tal. Mulshi, Dist. Pune, Maharashtra, Pin code 411 057
9.Taluka	Mulshi
10.Village	Mann
Correspondence Name:	Mr. Rajendra Gadekar/ Mr. Sudipto Saha
Room Number:	M/S. Joyville Shapoorji Housing Pvt. Ltd.
Floor:	SP Center,
Building Name:	41/44,
Road/Street Name:	Minoo Desai Marg,
Locality:	Colaba,
City:	Mumbai 400 005
11.Area of the project	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	IN PROCESS
	IOD/IOA/Concession/Plan Approval Number: IN PROCESS
	Approved Built-up Area: 116166.77
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	PROVISIONAL FIRE NOC
15.Total Plot Area (sq. m.)	33017.30 m2
16.Deductions	0
17.Net Plot area	33017.30 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 65898.72
	b) Non FSI area (sq. m.): 50268.05
	c) Total BUA area (sq. m.): 116166.77
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 65367.55
	Approved Non FSI area (sq. m.): 50278.28
	Date of Approval: 14-05-2018
19.Total ground coverage (m2)	Building - 5734.68 m2, Commercial - 299.86 m2, Club 1- 587.63 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19% of Net Plot Area
21.Estimated cost of the project	3219000000

22.Number of buildings & its configuration

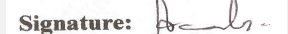


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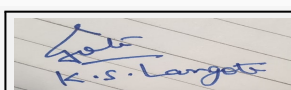
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	BLDG.A & B	B + ST + 17 F	55.06
2	BLDG. C & D	B + ST+ 18 F	58.01
3	BLDG. E & F	B + St+ 17 F	55.06
4	COMMERCIAL	G + 1	7.08
5	CLUB HOUSE 1 & 2	G + 1	G + 1

23.Number of tenants and shops	FLATS -1026 SHOPS - 299.86/15 = 20
24.Number of expected residents / users	RESIDENTIAL-5130 NOS. COMMERCIAL - 758 NOS. Total = 5888
25.Tenant density per hectare	1783.25
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Min.- 18 mtr wide
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 M
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

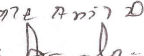
32.Total Water Requirement



K.S.Langote (Secretary SEAC-III)

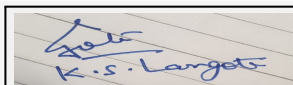
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Dry season:	Source of water	IRRIGATION DEPT.							
	Fresh water (CMD):	564							
	Recycled water - Flushing (CMD):	238							
	Recycled water - Gardening (CMD):	99							
	Swimming pool make up (Cum):	10 KLD							
	Total Water Requirement (CMD) :	803							
	Fire fighting - Underground water tank(CMD):	400 KLD							
	Fire fighting - Overhead water tank(CMD):	10 KLD							
	Excess treated water	254							
Wet season:	Source of water	IRRIGATION DEPT.							
	Fresh water (CMD):	564							
	Recycled water - Flushing (CMD):	238							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	10 KLD							
	Total Water Requirement (CMD) :	803							
	Fire fighting - Underground water tank(CMD):	400 KLD							
	Fire fighting - Overhead water tank(CMD):	10 KLD							
	Excess treated water	353							
Details of Swimming pool (If any)	Size 20 m x 8 m x 1.2 m Water requirement for make up is 10 KLD								
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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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3.50 M TO 8.5 M
	Size and no of RWH tank(s) and Quantity:	1 NO OF 60 M3 capacity
	Location of the RWH tank(s):	At Basement level
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	30 Lakh
	Budgetary allocation (O & M cost) :	0.40 Lakh/Year
Details of UGT tanks if any :	1. Raw water tank 300 cu.mt 2. Treated water tank 300 cu.mt 3. PMC Tank 50 cu.mt 4. RWH tank 60 cu.mt 5. Flushing tank 300 cu.mt 6. Fire tank 600 cu.mt	
35.Storm water drainage		
	Natural water drainage pattern:	West to East
	Quantity of storm water:	1485 m3/hr
	Size of SWD:	600 x 600 mm
Sewage and Waste water		
	Sewage generation in KLD:	657 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	700 KLD x 1 No.
	Location & area of the STP:	At 1st Basement Level
	Budgetary allocation (Capital cost):	150 Lakhs
	Budgetary allocation (O & M cost):	41.3 LAKH
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 Kg/day
	Disposal of the construction waste debris:	Construction waste will be generated from the building will be channelized through debris chutes. It includes waste concrete, excavated soil, broken bricks, waste plaster, metallic scrap etc. Construction debris will be used for base course preparation
Waste generation in the operation Phase:	Dry waste:	1809 Kg/day
	Wet waste:	1579 Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	40 Kg/day
	Others if any:	NA
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Mode of Disposal of waste:	Dry waste:	Collected & Disposed by local body (swach)
	Wet waste:	Treated in OWC
	Hazardous waste:	To Authorized Vendor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	NA
Area requirement:	Location(s):	At Ground Level
	Area for the storage of waste & other material:	10 m x 6 m
	Area for machinery:	10 m x 3 m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20 Lakh
	O & M cost:	13.40 Lakh

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

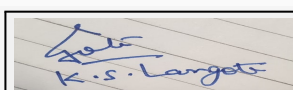
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1 nos DG set	HSD	1	6 mt	0.2	470 Deg

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	High speed diesel (HSD)	Not applicable	HSD	155 Lit/Hr

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



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43.Green Belt Development	Total RG area :	3809 m2
	No of trees to be cut :	24
	Number of trees to be planted :	413
	List of proposed native trees :	Attached
	Timeline for completion of plantation :	5 yrs

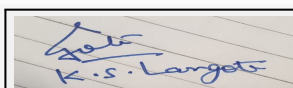
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Eucalyptus sp.	Nilgiri	20	tall, slender, used for medicinal purposes
2	Fiscus Racmosa	Umbar	23	Fruit bearing, large canopy, food plant for the caterpillars of the butterfly.
3	Artocarpus heterophyllus	jack fruit	25	Good canopy, Fruit & flower, attracting avifauna
4	Michelia champaca	Sonchapha	56	evergreen tree, fragrant flowers, Butterfly host plant
5	Psidium guajava	Guava	48	Fruit trees attracting butterflies
6	Nyctanthus arborea	Parijatak	25	Deciduous fast growing tree, beautiful flowers
7	Drypetes roxburghi	Putranjiva	12	Deciduous fast growing tree, beautiful flowers
8	Manilkara zapota	Chikoo	8	Fruit trees attracting butterflies & birds
9	Cassia fistula	Bahava	40	Medium sized deciduous tree & Butterfly host plant
10	Azardirachta Indica	Neem	20	Good canopy, temperature tolerance, good CO 2 sink, anti-desertification properties
11	Citrus sp	Lemon	17	Butterfly host plant
12	Lagerstroemia flos-regineae	Tamhan	31	State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers
13	Bauhinia Racemosa	Apata	35	Nesting for avi fauna & nitrogen-fixating
14	Mimusops elengi	Bakul	28	Shady tree, small white fragrant flowers
15	MangiferaIndica	Mango	25	Large evergreen, dense, nesting for avi fauna.

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	Tecomonia Capensis	-	-
2	Hibiscus lafrance Pink	-	-
3	Tabernae Montana Single	-	-



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4	Tabernae Montana Single	-	-
5	Tabernae Montana Single	-	-
6	Tabernae Montana Single	-	-
7	Tabernae Montana Single	-	-
8	Lemonia Spectabilis	-	-

47. Energy

Power requirement:	Source of power supply :	MSEB
	During Construction Phase: (Demand Load)	400 Kw
	DG set as Power back-up during construction phase	1 x 380 kVA
	During Operation phase (Connected load):	3111.30 kW
	During Operation phase (Demand load):	2329.76 kW
	Transformer:	6 x 630 kVA
	DG set as Power back-up during operation phase:	1 x 750 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- 1) Use of Variable speed drives for Lifts
- 2) Use of CFL/T-5 Fittings & Electronic Ballast in Common area
- 3) Use of LED Fittings in Lighting of lift lobby or passages
- 4) Use of solar based lighting systems in common areas.
- 5) Using VFD for Fan and pump for STP
- 6) Using high efficient equipment & BEE Certified Motors for Basement ventilation
- 7) Renewable Solar power generation

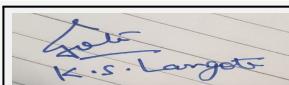
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using LED Lightning	80 kW
2	Energy Saving using Solar Water Heater	177 kW
3	Energy Generation proposed through Solar Panels	46.20 kW
4	Total Energy saving	19 %

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG	Not applicable	1 x 750 KVA with Acoustic encloser

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	80 Lakh
	O & M cost:	2.50 Lakh



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51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	0	3.00
2	Site Sanitation & Safety	0	0.54
3	Environmental Monitoring	0	4.50
4	Disinfection	0	0.54
5	Health Check up	0	0.40
6	Total (A) for entire Construction Period	0	8.98

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	To reuse Rain water	30.00	0.40
2	Sewage Treatment Plant	To treat Sewage	150	41.30
3	Organic Waste Composting	To manage wet waste	20	13.40
4	Tree Plantation	Tree Plantation	1050	5.40
5	Energy saving	Energy saving measures	80	2.50
6	Solar Water heating system	renewable energy system	70.00	3.00
7	Swimming pool	Swimming pool	35.00	1.60
8	Environment Monitoring	Environment Monitoring	0.00	3.00
9	Basement Ventilation	Basement Ventilation	80.00	2.00
10	Total (B)	Total (B)	1515.00	72.60
11	Total (A+B)	Total (A+B)	1515.00	81.58

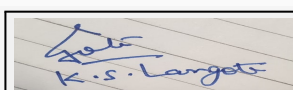
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

52.Any Other Information

No Information Available

53.Traffic Management



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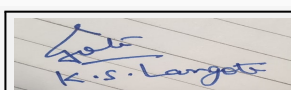
Shri. Anil Kale (Chairman SEAC-III)

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	1 NO. 14592.15 M2
	Number and area of podia:	1 NO. 15968.24 M2
	Total Parking area:	11691 M2
	Area per car:	Provided as per NBC Rules
	Area per car:	Provided as per NBC Rules
	Number of 2-Wheelers as approved by competent authority:	1631
	Number of 4-Wheelers as approved by competent authority:	414
	Public Transport:	NA
	Width of all Internal roads (m):	Min 5.5 m
	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	Category B
	Court cases pending if any	NA
	Other Relevant Informations	Total Land Area is 133493 Sq.m. which is subdivided in Two plots namely Plot 1 and Plot 2. After deduction of required parameters, Land Area available for development on Plot 1 = 33017.30 Sq.m. and on Plot 2 = 43852 Sq.m. At presently, Proposed Residential development is proposed on Plot 1.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

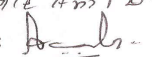


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Environment Clearance for Proposed Group Housing project at S.No.98/1(P),98/2,99/1,99/2(P),99/3(P),99/4(P),101/2(P) & 101/3 at Village Name - Mann, Tal. Mulshi, Dist. Pune, Maharashtra by Mr. Rajendra Gadekar

PP submitted their application for prior Environmental clearance for total plot area of 33,017.30 Sq. Mtrs, Total Built up area of 116166.77Sq. Mtrs, FSI area of 65898.72 Sq. Mtrs and Non FSI area of 50268.05 Sq.m. PP proposes to construct 6 no. residential buildings and 1 commercial + 2 club houses.

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

DECISION OF SEAC

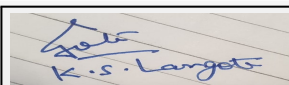
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit revise plan for SWD.
- 2) PP to submit revise Debris Management plan.
- 3) PP to submit Swatch NOC.
- 4) PP to submit plan for sewer line connectivity up to final disposal point.
- 5) PP to submit undertaking for CER activities.

FINAL RECOMMENDATION

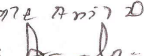
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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Agenda of 69 th Meeting of SEAC-3

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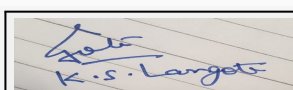
Subject: Environment Clearance for Environment Clearance for Proposed Residential Construction at Tathawade, Pune

Is a Violation Case: No

1.Name of Project	Proposed Residential Construction Project at Tathawade
2.Type of institution	Private
3.Name of Project Proponent	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
4.Name of Consultant	Oasis Environmental Foundation
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 125/1/B/1, 125/1/B/2, 125/2/1 &125/2/2
9.Taluka	Mulshi
10.Village	Tathawade
Correspondence Name:	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
Room Number:	Rohan Builders & Developers Pvt. Ltd.
Floor:	Second Floor
Building Name:	1 Modibaugh, shivaji Nagar
Road/Street Name:	Ganeshkhind Road
Locality:	Shivaji Nagar
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number: In process
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	In Process
15.Total Plot Area (sq. m.)	As per 7/12: 33,300.00 SQM. & Minimum Plot Area Considered: 30,584.00 SQM.
16.Deductions	4,273.94 SQM.
17.Net Plot area	26,310.06 SQM.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 58,466.79
	b) Non FSI area (sq. m.): 69,622.32
	c) Total BUA area (sq. m.): 128089.11
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	15,061.74
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49.24
21.Estimated cost of the project	1903600000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------



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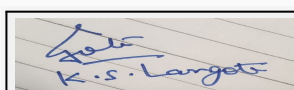
1	Building A: Wings A1,A2,A3,A4,A5,A6,A7,A8	LP + UP + Stilt +11	37.25
2	Building B: Wings B1,B2,B3,B4	LP + UP + Stilt +11	37.25
3	Building C:	LP + UP + Stilt +8	28.60

23.Number of tenants and shops	Proposed number of tenements are 1,200 . No shops proposed
24.Number of expected residents / users	6,000 nos.
25.Tenant density per hectare	Tenement Density / hectare: 360
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 is Pradhikaran Fire Station - at distance of 5.21 kms. Width of Road - 12 m
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 9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

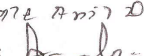
32.Total Water Requirement



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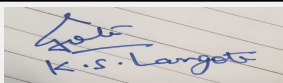
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	542.25 (including Club House)							
	Recycled water - Flushing (CMD):	270							
	Recycled water - Gardening (CMD):	61.78							
	Swimming pool make up (Cum):	6							
	Total Water Requirement (CMD) :	880.03							
	Fire fighting - Underground water tank(CMD):	75							
	Fire fighting - Overhead water tank(CMD):	25							
	Excess treated water	548.25							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	542.25 (including Club House)							
	Recycled water - Flushing (CMD):	270							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	6							
	Total Water Requirement (CMD) :	818.25							
	Fire fighting - Underground water tank(CMD):	75							
	Fire fighting - Overhead water tank(CMD):	25							
	Excess treated water	610.03							
Details of Swimming pool (If any)	<p>Dimensions of Main Pool: 7.5 m X 18 m X 1.5 m Dimensions of Kids pool: 10m X 5m X 0.9m Total Water Requirement: 207 CUM Water Requirement for Make Up: 6 CUM/DAY Details of Plant and Machinery used for treatment of water: High rate sand filters, filter media, Self-Priming pump, Control panel for pump, Vacuum fitting Chemicals required for maintaining the Swimming Pool. Disinfection by: Ozonation/ UV Treatment</p>								
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



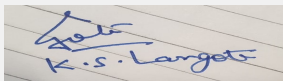
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4-5 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	10
	Size of recharge pits :	2 Mt. x 2 Mt. x 1.5 Mt
	Budgetary allocation (Capital cost) :	2,50,000
	Budgetary allocation (O & M cost) :	15,000
	Details of UGT tanks if any :	1. Domestic UG tank Capacity: 500 m3 2. Drinking Water UG Tank Capacity: 100 m3 3. Flushing UG tank Capacity : 275 m3 4• Fire UG tank Capacity : 75 m3
35.Storm water drainage	Natural water drainage pattern:	As per Contour
	Quantity of storm water:	4.69 CUM/Min
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	649.80
	STP technology:	MBR Technology
	Capacity of STP (CMD):	2 Nos. of STP Proposed of 350 KLD capacity each OR 1 No. of STP Proposed of capacity 700 KLD
	Location & area of the STP:	Attached
	Budgetary allocation (Capital cost):	40,00,000
	Budgetary allocation (O & M cost):	4,00,000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	100 kg/day total solid waste from labour camp.
	Disposal of the construction waste debris:	Debris 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:	1,200 kg/day
	Wet waste:	1,800 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	65 kg/day
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Will be handed over to SWACH
	Wet waste:	Will be treated in Organic waste converter/ Vermicomposting. Manure generated will be used for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure after treatment in OWC or vermicomposting
	Others if any:	NA
Area requirement:	Location(s):	Attached
	Area for the storage of waste & other material:	20
	Area for machinery:	45
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	3,00,000
	O & M cost:	1,20,000

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

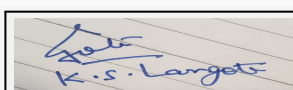
39. Stacks emission Details

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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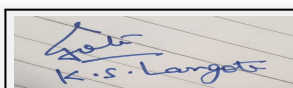
43.Green Belt Development	Total RG area :	Mandatory RG Area: 2,923.34 m2, Additional Green Area on Ground: 2,132.43 m2, Green on peripheral plantation: 685.37 m2; Total RG Area: 5,741.64 m2. Green Area on Slab: 3084.39 m2
	No of trees to be cut :	0
	Number of trees to be planted :	No. of trees required (1 tree/ 80 SQM of plot area): 413 nos.; Existing trees to be preserved: 3 nos.; Total No. of trees to be planted: 410.
	List of proposed native trees :	List of proposed trees attached as annexure with form 1 & 1A & Given below
	Timeline for completion of plantation :	5 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	Bahunia purpurea	Gulabi Kanchan	41	Every part of the plant have Medicinal value, Drought tolerant species The tree has grey bark that peels in long fiber
2	Dalbergia latifolia	Sistal	29	Compound leaves,flowering
3	Sapodila	Chikku	17	Fruit Baring plant
4	Saraca indica	Sita Ashok	50	Medicinal value, Religious plant
5	Ficus glomerata	Umbar	24	Medicinal value,Edible fruits,bird attractive
6	Plumeria Alba	Chafa	30	Most attractive, large & strongly perfumed white flowers
7	Plumeria Rubra	Pink Chafa	24	Popular garden & park plant,fragrant flowers
8	Phyllanthus emblica	Awala	27	Medicinal value, To control soil erosion
9	Syzygium cumini	Jamun	30	Medicinal value, Edible fruit
10	Neolamarckia cadamb	Kadamba	10	The flowers attract pollinators
11	Legistroemia speciosa	Banaba plant	14	A decoction of the bark is used against diarrhoea and abdominal pains. A leaf poultice is used to relief malarial fever and is applied on cracked feet
12	Mangifera indica	Mango	24	Edible fruit, Bird attracting species
13	Erythrina indica	Indian Koral tree/ Parijat	12	Flower Plant. Attracts insects and birds
14	Tectona grandis	Teak	11	Tropical hardwood species, Wood use for furniture
15	Ziziphus mauritiana	Ber	17	Fast growing, Hardy plant, Edible fruit
16	Jack Fruit	Fanas	14	Popular food item, fruit edible
17	Michelia champaka	Sonchafa	36	Fragrant flowers, Timber used in wood working
18	Total	Trees	410	Nos.

45.Total quantity of plants on ground

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



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Serial Number	Name	C/C Distance	Area m2
1	All Shubs & Bushes	Approx. 300 mm	Approx. 1,000

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200 KW
	DG set as Power back-up during construction phase	2 nos. of DG sets of 250 KVA
	During Operation phase (Connected load):	4,841 KW
	During Operation phase (Demand load):	2,220 KW
	Transformer:	4 no. of Transformers of 630 KVA capacity
	DG set as Power back-up during operation phase:	2 nos. of DG sets of 500 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

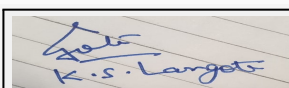
1. Timer Logic Controller : 210437 KWH / Anum
 2. Electronic V3F drive for Lifts : 52280 KWH / Anum
 3. Solar Water Heater : 1050403.2 KWH / Anum
 4. Use of CFL / LED lamps in all common areas.
- Total % of Savings: 15 %

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Timer Logic Controller	210437 KWH / Anum
2	Electronic V3F drive for Lifts	52280 KWH / Anum
3	Solar Water Heater	1050403.2 KWH / Anum

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste water generated from house hold activity	Not applicable	STP will be installed in operation phase to treat waste water
Solid waste generation	Not applicable	composting machine / vermicomposting will be installed to treat the biodegradable waste



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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	3500000
	O & M cost:	300000

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Water for dust suppression measures & Soil Preservation	0.5
2	Site Safety	Barricading & nets	0.3
3	Site Sanitation	Mobile Toilets etc	1.50
4	Disinfection & Health Check Up	For Labours	1.0
5	Environment Monitoring	Air, Water, Noise & DG Stack	0.7

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Enaergy Saving	Approx. 15%	5.00	0.50
2	STP	Capacity of STP 650 KLD	40	4
3	OWC/ Vermicomposting	For Wet Waste Generation of 1,800 kg/day	3	1.20
4	Solar Hot Water System	For 60 KLD Capacity	30	2.5
5	Rain Water Harvesting	10 nos. of recharge pits	2.5	0.15
6	Landscaping	Total trees proposed are 416 nos	4	0.40

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

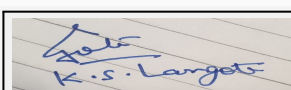
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 9 m and proposed 24 m wide road
--	--	--



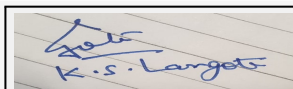
**K.S.Langote (Secretary
SEAC-III)**

**SEAC Meeting No: 69 Meeting Date: August 29,
2018**

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of 157**

Name: K. Anil Kale
Signature: [Handwritten Signature]
**Shri. Anil Kale (Chairman
SEAC-III)**

Parking details:	Number and area of basement:	2 nos. of basement. Area: 27,926.10 qm
	Number and area of podia:	NA
	Total Parking area:	Covered Parking area: 27,926.10 Sqm + Open Parking area: 965.35 Sqm = Total Parking area: 28,891.45 Sqm.
	Area per car:	35
	Area per car:	35
	Number of 2-Wheelers as approved by competent authority:	2,400 nos.
	Number of 4-Wheelers as approved by competent authority:	600 nos.
	Public Transport:	Nearest Bus Stop
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	AN
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 69 Meeting Date: August 29, 2018

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

Environment Clearance for Proposed Residential Construction on S. No. 125/1/B/1, 125/1/B/2, 125/2/1 & 125/2/2 at Village Tathawade, Pune by Mr. Milind Lunkad/ Mr. Ashwin Lunkad.

PP submitted their application for prior Environmental clearance for total plot area of 30,584.00 Sq. Mtrs, FSI area of 58,466.79 Sq. Mtrs, Non FSI area of 69,622.32 Sq.m and Total built up area of 1,28,089.11 Sq.m. PP proposes to construct total 3 nos of buildings in which Building A (Wings A1,A2,A3,A4,A5,A6,A7,A8), Building B: Wings B1,B2,B3,B4 and Building C.

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

DECISION OF SEAC

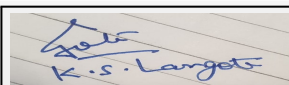
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit Agreement/NOC for water supply, Drainage.
- 2) PP to submit plan showing alignment of sewer drain with details of chambers, its invert level and cross section of final chambers within property and chambers on 1. municipal end with connection details, cross section of final chamber.
- 3) PP to submit approved plan of basement.
- 4) PP to submit fire tender movement plan showing optical clearance min 6 mtrs under the slope for fire engine.
- 5) PP to submit revised parking layout along with width of ramp.
- 6) PP to submit undertaking for CER activities.

FINAL RECOMMENDATION

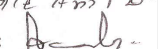
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



**K.S.Langote (Secretary
SEAC-III)**

**SEAC Meeting No: 69 Meeting Date: August 29,
2018**

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Name: K. Anil Kale
Signature: 

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

Agenda of 69 th Meeting of SEAC-3

SEAC Meeting number: 69 Meeting Date August 29, 2018

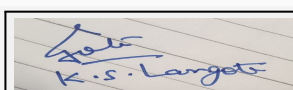
Subject: Environment Clearance for Proposed Residential Construction at Tathawade, Pune

Is a Violation Case: No

1.Name of Project	Proposed Residential Construction
2.Type of institution	Private
3.Name of Project Proponent	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
4.Name of Consultant	Oasis Environmental Foundation
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 125/1/B/1, 125/1/B/2, 125/2/1 &125/2/2
9.Taluka	Mulshi
10.Village	Tathawade
Correspondence Name:	Mr. Milind Lunkad/ Mr. Ashwin Lunkad
Room Number:	Rohan Builders & Developers Pvt. Ltd.
Floor:	Second Floor
Building Name:	1 Modibaugh, shivaji Nagar
Road/Street Name:	Ganeshkhind Road
Locality:	Shivaji Nagar
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Pimpri Chinchwad Municipal Corporation (PCMC) IOD/IOA/Concession/Plan Approval Number: In process Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	As per 7/12: 33,300.00 SQM. & Minimum Plot Area Considered: 30,584.00 SQM.
16.Deductions	4,273.94
17.Net Plot area	26,310.06
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 53,204.78
	b) Non FSI area (sq. m.): 74,646.24
	c) Total BUA area (sq. m.): 127851.02
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	12,383.29
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40.48
21.Estimated cost of the project	1830400000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 69 Meeting Date: August 29, 2018

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Name: K. S. Langote

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

1	Building A: Wings A1,A2,A3,A4,A5,A6,A7,A8	LP + UP + Stilt +11	37.25
2	Building B: Wings B1,B2,B3,B4	LP + UP + Stilt +11	37.25

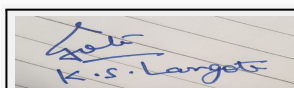
23.Number of tenants and shops	Proposed number of tenements are 1,100 . No shops proposed.
24.Number of expected residents / users	5,500 nos.
25.Tenant density per hectare	Tenement Density / hectare: 330
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nearest Fire Station is Pradhikaran Fire Station - at distance of 5.21 kms, Width of Road - 12 m
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 9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	PCMC
	Fresh water (CMD):	497.25
	Recycled water - Flushing (CMD):	247.50
	Recycled water - Gardening (CMD):	67.70
	Swimming pool make up (Cum):	6
	Total Water Requirement (CMD) :	818.45
	Fire fighting - Underground water tank(CMD):	75
	Fire fighting - Overhead water tank(CMD):	25
	Excess treated water	280.60



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 69 Meeting Date: August 29, 2018

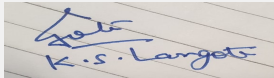
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Name: K S Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Wet season:	Source of water	PCMC							
	Fresh water (CMD):	497.25							
	Recycled water - Flushing (CMD):	247.50							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	6							
	Total Water Requirement (CMD) :	750.75							
	Fire fighting - Underground water tank(CMD):	75							
	Fire fighting - Overhead water tank(CMD):	25							
	Excess treated water	348.30							
Details of Swimming pool (If any)	<p>Dimensions of Main Pool: 7.5 m X 18 m X 1.5 m Dimensions of Kids pool: 10m X 5m X 0.9m Total Water Requirement: 207 CUM Water Requirement for Make Up: 6 CUM/DAY</p> <p>Details of Plant and Machinery used for treatment of water: High rate sand filters, filter media, Self-Priming pump, Control panel for pump, Vacuum fitting Chemicals required for maintaining the Swimming Pool. Disinfection by: Ozonation</p>								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



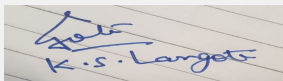
K.S.Langote (Secretary SEAC-III)

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

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	4-5 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	10
	Size of recharge pits :	2 Mt. x 2 Mt. x 1.5 Mt
	Budgetary allocation (Capital cost) :	2,50,000
	Budgetary allocation (O & M cost) :	15,000
	Details of UGT tanks if any :	<ul style="list-style-type: none"> • Domestic UG tank Capacity: 400 m3 • Drinking Water UG Tank Capacity: 100 m3 • Flushing UG tank Capacity : 250 m3 • Fire UG tank Capacity : 75 m3
35. Storm water drainage	Natural water drainage pattern:	As per Contour
	Quantity of storm water:	3.93 M3/min
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	595.80
	STP technology:	MBR
	Capacity of STP (CMD):	600
	Location & area of the STP:	Attached
	Budgetary allocation (Capital cost):	35,00,000 (Thirty Five Lakhs)
	Budgetary allocation (O & M cost):	3,00,000 (Three Lakhs)
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	100 kg/day total solid waste from labour camp.
	Disposal of the construction waste debris:	Debris 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:	1,100 kg/day
	Wet waste:	1,650 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	59 kg/day
	Others if any:	NA



K.S. Langote (Secretary SEAC-III)

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

Mode of Disposal of waste:	Dry waste:	Will be handed over to SWACH
	Wet waste:	Will be treated in Organic waste converter/ Vermicomposting. Manure generated will be used for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used for landscaping
	Others if any:	NA
Area requirement:	Location(s):	Attched
	Area for the storage of waste & other material:	20 SQM
	Area for machinery:	45 SQM
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	300000
	O & M cost:	120200

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

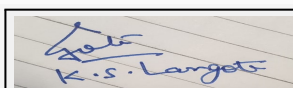
39. Stacks emission Details

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



K.S. Langote (Secretary SEAC-III)

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Name: K. S. Anil D.
Signature: [Signature]
Shri. Anil Kale (Chairman SEAC-III)

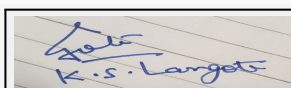
43.Green Belt Development	Total RG area :	Mandatory RG Area: 2,897.44 m2, Additional Green Area on Ground: 3,005.43 m2, Green on peripheral plantation:685.37 m2; Total RG Area: 6,588.24 m2. Green Area on Slab: 3084.39 m2
	No of trees to be cut :	0
	Number of trees to be planted :	416
	List of proposed native trees :	List of proposed trees attached as annexure with form 1 & 1A
	Timeline for completion of plantation :	5 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	Bahunia purpurea	Gulabi Kanchan	41	Every part of the plant have Medicinal value, Drought tolerant species The tree has grey bark that peels in long fiber,
2	Dalbergia Latifolia	Sitsal	29	Compound leaves,flowering
3	Sapodila	Chikku	17	Fruit Baring plant
4	Saraca indica	Sita Ashok	50	Medicinal value, Religious plant
5	Ficus glomerata	Umbur	24	Medicinal value,Edible fruits,bird attractive
6	Plumeria Alba	Chafa	31	Most attractive, large & strongly perfumed white flowers.
7	Plumeria Rubra	Pink Chafa	24	Popular garden & park plant,fragrant flowers
8	Phyllanthus emblica	Awala	27	Medicinal value, To control soil erosion.
9	Syzygium cumini	Jamun	35	Medicinal value, Edible fruit
10	Neolamarckia cadamb	Kadamba	10	The flowers attract pollinators
11	Legistroemia speciosa	Banaba plant	14	A decoction of the bark is used against diarrhoea and abdominal pains. A leaf poultice is used to relief malarial fever and is applied on cracked feet
12	Mangifera indica	Mango	24	Edible fruit, Bird attracting species
13	Erythrina indica	Indian Koral tree/ Parijat	12	Flower Plant. Attracts insects and birds.
14	Tectona grandis	Teak	11	Tropical hardwood species, Wood use for furniture
15	Ziziphus mauritiana	Ber	17	Fast growing, Hardy plant, Edible fruit
16	Jack Fruit	Fanas	14	Popular food item, fruit edible
17	Michelia champaka	Sonchafa	36	Fragrant flowers, Timber used in wood working
18	Total	Trees	416	Nos.

45.Total quantity of plants on ground

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



K.S.Langote (Secretary SEAC-III)

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Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Name	C/C Distance	Area m2
1	All Shubs & Bushes	Approx. 300 mm.	Approx. 1,000

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200
	DG set as Power back-up during construction phase	2 nos. of DG sets of 250 KVA
	During Operation phase (Connected load):	4,442
	During Operation phase (Demand load):	2,220
	Transformer:	4 no. of Transformers of 630 KVA capacity
	DG set as Power back-up during operation phase:	2 nos. of DG sets of 500 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. Timer Logic Controller : 210437 KWH / Anum
 2. Electronic V3F drive for Lifts : 52280 KWH / Anum
 3. Solar Water Heater : 1050403.2 KWH / Anum
 4. Use of CFL / LED lamps in all common areas.
- Total % of Savings: 15 %

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Timer Logic Controller	210437 KWH / Anum
2	Electronic V3F drive for Lifts	52280 KWH / Anum
3	Solar Water Heater	1050403.2 KWH / Anum

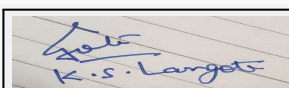
50. Details of pollution control Systems

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:	3500000
	O & M cost:	300000

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):



K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 69 Meeting Date: August 29, 2018

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Name: K. S. Anil D.

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Water for dust suppression measures & Soil Preservation	0.5
2	Site Safety	Barricading & nets	0.3
3	Site Sanitation	Mobile Toilets etc.	1.50
4	Disinfection & Health Check Up	For Labours	1
5	Environment Monitoring	Air, Water, Noise & DG Stack	0.7

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Enaergy Saving	Approx. 15%	5	0.50
2	STP	Capacity 600 KLD	35	3
3	OWC/ Vermicomposting	For Wet Waste Generation of 1,650 kg/day	3	1.20
4	Solar Hot Water System	For 55 KLD Capacity	30	2.5
5	Rain Water Harvesting	10 nos. of recharge pits	2.5	0.15
6	Landscaping	Total trees proposed are 416 nos.	4	0.40

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

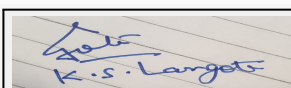
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52.Any Other Information

No Information Available

53.Traffic Management

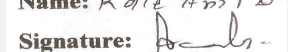
Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on existing 9 m and proposed 24 m wide road.
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K.S.Langote (Secretary SEAC-III)

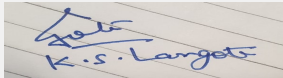
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Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	2 nos. of basement. Area: 35,078.38 qm
	Number and area of podia:	NA
	Total Parking area:	Cover [35,078.38] + Open [----] = 35,078.38 Sq m
	Area per car:	35
	Area per car:	35
	Number of 2-Wheelers as approved by competent authority:	2,200 nos.
	Number of 4-Wheelers as approved by competent authority:	550 nos.
	Public Transport:	Nearest Bus Stop
	Width of all Internal roads (m):	6 m
	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	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 69 Meeting Date: August 29, 2018

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Name: K. S. Langote
Signature: [Handwritten Signature]
Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for Proposed Residential Construction on S. No. 125/1/B/1, 125/1/B/2, 125/2/1 & 125/2/2 at Village Tathawade, Pune by Mr. Milind Lunkad/ Mr. Ashwin Lunkad.

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

DECISION OF SEAC

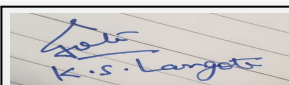
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Specific Conditions by SEAC:

- 1) PP to submit Agreement/NOC for water supply, Drainage.
- 2) PP to submit plan showing alignment of sewer drain with details of chambers, its invert level and cross section of final chambers within property and chambers on municipal end with connection details, cross section of final chamber.
- 3) PP to submit approved plan of basement.
- 4) PP to submit fire tender movement plan showing optical clearance min 6 mtrs under the slope for fire engine.
- 5) PP to submit revised parking layout along with width of ramp
- 6) PP to submit undertaking for CER activities.

FINAL RECOMMENDATION

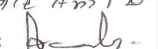
SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



**K.S.Langote (Secretary
SEAC-III)**

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Name: K. Anil Kale
Signature: 

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

Agenda of 69 th Meeting of SEAC-3

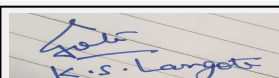
SEAC Meeting number: 69 Meeting Date August 29, 2018

Subject: Environment Clearance for Proposed Residential & Commercial Development project " B A Swadesh" at Gat.No. 231, Moshi Borhadewadi, Pune By M/s. Spectrum Realty

Is a Violation Case: No

1.Name of Project	Proposed Residential & Commercial Development project " B A Swadesh" at Gat.No. 231, Moshi Borhadewadi, Pune By M/s. Spectrum Realty
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sachin Bhandari
4.Name of Consultant	J M EnviroNet Pvt Ltd-Sayali Jagtap(EIA Coordinator)
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat.No. 231, Moshi Borhadewadi, Pune
9.Taluka	Haveli
10.Village	Moshi Borhadewadi
Correspondence Name:	Ms. Sayali Jagtap
Room Number:	F3
Floor:	First Floor
Building Name:	Dindayal Nagar
Road/Street Name:	Medical College road
Locality:	Katraj
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: Applied
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not yet started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	19000
16.Deductions	3059.25
17.Net Plot area	15259.45
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 27857.84
	b) Non FSI area (sq. m.): 34306.64
	c) Total BUA area (sq. m.): 62164.48
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	2897.69
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.98 %
21.Estimated cost of the project	1172000000

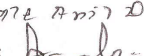
22.Number of buildings & its configuration



K.S.Langote (Secretary SEAC-III)

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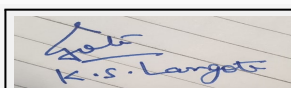
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A + Commercial(7 shops)	GP+PP+12 Floors	42.15
2	Building B	GP+PP+12 Floors	42.15
3	Building C	GP+PP+12 Floors	42.15
4	Building D	GP+PP+12 Floors	42.15
5	Building E	GP+PP+12 Floors	42.15
6	Building F	GP+PP+12 Floors	42.15
7	Building G	GP+PP+12 Floors	42.15
8	Club house	G + 1 Floor	7.80

23.Number of tenants and shops	Residential : 599 Commercial : 7 shops
24.Number of expected residents / users	Residential: 2995 nos. Commercial : 54 nos
25.Tenant density per hectare	315.26 per ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project has access from 12 m wide road from nearest PCMC fire station Distance :8.6 km
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
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

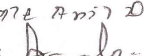
32.Total Water Requirement



K.S.Langote (Secretary SEAC-III)

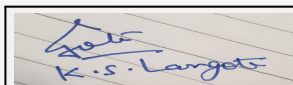
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Dry season:	Source of water	Pimpri Chinchwad Municipal Corporation (PCMC)							
	Fresh water (CMD):	270.62							
	Recycled water - Flushing (CMD):	136.12							
	Recycled water - Gardening (CMD):	11							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	417.74							
	Fire fighting - Underground water tank(CMD):	350							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	178.28							
Wet season:	Source of water	Pimpri Chinchwad Municipal Corporation (PCMC)							
	Fresh water (CMD):	270.62							
	Recycled water - Flushing (CMD):	136.12							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	406.74							
	Fire fighting - Underground water tank(CMD):	350							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	189.28							
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



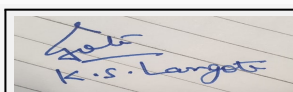
K.S.Langote (Secretary SEAC-III)

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Name: K. Anil Kale
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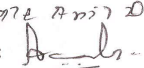
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-Monsoon : 20 to 25 m BGL ; Post-Monsoon : 8 to 10 m BGL
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	03
	Size of recharge pits :	2 x 2 x 1.75 m & 2 x 2 x 2 m
	Budgetary allocation (Capital cost) :	Rs. 3,00,000 /-
	Budgetary allocation (O & M cost) :	Rs. 60,000 /-
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 406 m3 Flushing tank Capacity(cum): 205 m3 Fire UG tank Capacity (cum): 350 m3
35.Storm water drainage	Natural water drainage pattern:	South to North
	Quantity of storm water:	434.32 m3/hr
	Size of SWD:	450mm Dia Pipe At 1:200 Slope
Sewage and Waste water	Sewage generation in KLD:	366.06
	STP technology:	MMBR Technology
	Capacity of STP (CMD):	370 KLD
	Location & area of the STP:	180 Sq.m
	Budgetary allocation (Capital cost):	Rs. 57,50,000 /-
	Budgetary allocation (O & M cost):	Rs. 10,95,000 /-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Will be used for backfilling within site.
Waste generation in the operation Phase:	Dry waste:	607 kg/day
	Wet waste:	905 kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	32.69 kg/day
	Others if any:	Not Applicable



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Mode of Disposal of waste:	Dry waste:	To Authorized vendor
	Wet waste:	Treatment of OWC
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	After treatment will be used as manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	Shown in layout
	Area for the storage of waste & other material:	27 Sq.m
	Area for machinery:	57 Sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 25,75,000 /-
	O & M cost:	Rs. 5,71,284 /-

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

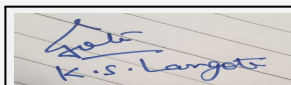
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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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43.Green Belt Development	Total RG area :	1831.87 Sq.m (10 %)
	No of trees to be cut :	02
	Number of trees to be planted :	06 (Compensatory)
	List of proposed native trees :	200
	Timeline for completion of plantation :	5 years

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

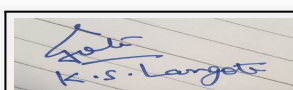
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassis fistula	Bahava	15	Medium size deciduous tree, drought tolerant, beautiful yellow flowers, butterfly host plant.
2	Azardirachcta	Neem	15	Semi-evergreen tree with medicinal value.
3	Madhuca Indica	Mahua	10	It is used for the care of the skin, to manufacture soap or detergents
4	Michelia Champaca	Sonchafa	15	Medium size evergreen tree, fragrant yellow flowers, butterfly host plant.
5	Tabebuia Rosea	Rosy trumpet tree	10	It has been used to reduce fevers and pain, cause sweating, to treat tonsil inflammation and various other disorders
6	Spathodea campanulata	Pitchkari	10	Large shady tree with bright orange flowers, good for road side plantation
7	Melia Azardirachcta	Bakan	15	Flowering plant
8	Mesua ferrea	Nagkesar	15	It is used as herbal medicines
9	Diospyros malabarica	Gaub	15	Medicinal plant
10	Anthocephalus cadamba	Kadamb	15	Large size, shady, ball shaped flowering tree
11	Terminalia arjuna	Arjuna	10	Used for silk production
12	Ficus religiosa	Peepal tree	10	It is used in tradition medicine.
13	Peltoforum ferrugineum	Yellow flame tree	10	large & Shady tree
14	Jacaranda mimosifolia	Jacaranda	15	Attractive flowers
15	Areca catechu	Indian nut	10	Used as interior landscaping species.

45.Total quantity of plants on ground

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

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

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	44 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	1883.47 KW
	During Operation phase (Demand load):	1700.57 KVA
	Transformer:	3 x 630 kVA & 315 KVA
	DG set as Power back-up during operation phase:	250 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Solar Hot water system & Solar PV panels

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saved by solar hot water system + Solar PV panels + Light fitting type & timer savings	33 %

50. Details of pollution control Systems

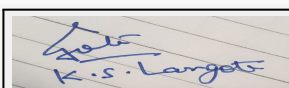
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 1,36,88,125 /-
	O & M cost:	Rs. 17,43,292 /-

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	Erosion control - dust suppression measures and barricading	Rs. 1,06,000/-
2	Land	Site Sanitation	Rs. 45,000/-
3	Health & Safety	Site safety	Rs. 26,500/-
4	Health & Safety	Disinfection and Health Check-ups	Rs. 88,000/-
5	Environment management	Environment Monitoring	Rs. 1,20,000/-

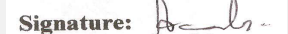


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b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	03 no pits	Rs. 3,00,000 /-	Rs. 60,000 /-
2	Sewage Treatment Plant	1 STP	Rs. 57,50 ,000 /-	Rs. 10,95,000 /-
3	Organic Waste Composting	1 OWC	Rs. 25,75,000 /-	Rs. 5,71,284 /-
4	Tree Plantation	200 no's of trees	Rs. 29,57,000 /-	Rs. 5,91,400 /-
5	Energy saving	DG set+ Solar hot water system + Solar PV panels	Rs. 1,36,88,125 /-	Rs. 17,43,292 /-
6	Environment Monitoring	Environment management	-	Rs. 1,20,000/-

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

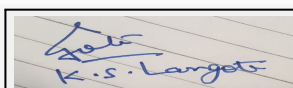
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The project has access from 12.m wide road
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K.S.Langote (Secretary SEAC-III)

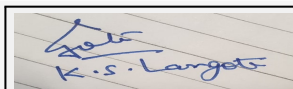
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Parking details:	Number and area of basement:	No
	Number and area of podia:	No
	Total Parking area:	14915.84 Sq. m
	Area per car:	30 Sq.m
	Area per car:	30 Sq.m
	Number of 2-Wheelers as approved by competent authority:	1210 no's
	Number of 4-Wheelers as approved by competent authority:	320 no's
	Public Transport:	Pune city buses
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	04-05-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



K.S.Langote (Secretary SEAC-III)

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Environment Clearance for Proposed Residential & Commercial Development project " B A Swadesh" at Gat.No. 231, Moshi Borhadewadi, Pune by M/s. Spectrum Realty

PP submitted their application for prior Environmental clearance for total plot area 19000 Sq. Mtrs, FSI area of 27857.84 Sq. Mtrs, Non FSI area of 34306.64 Sq.m and Total built up area of 62164.48 Sq.m. PP proposes to construct total 7 nos of buildings in which Building A (commercial with 7 shops) and 1 club house.

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

DECISION OF SEAC

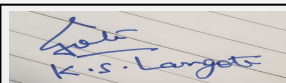
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit CFO NOC.
- 2) PP to submit indemnity bond for project land.
- 3) PP to submit fire tender movement plan showing optical clearance min 6 mtrs under the slope for fire engine.
- 4) PP to submit revises parking layout by eliminating 2 wheeler from drive both at ground and podium level, parking statement to be revised accordingly.
- 5) PP to submit undertaking for CER activities.

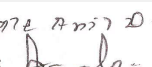
FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days


**K.S.Langote (Secretary
SEAC-III)**

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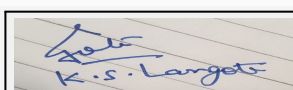
Subject: Environment Clearance for M/s Sukhwani Chawla Developers

Is a Violation Case: No

1.Name of Project	"Residential & Commercial Project"
2.Type of institution	Private
3.Name of Project Proponent	Mr. Gurumukh Sukhwani
4.Name of Consultant	M/s. JV Analytical Services
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No. 113/2/1(PT), 113/2/2(PT), 113/1/2(PT)
9.Taluka	Mulshi
10.Village	Wakad
Correspondence Name:	Mr. Gurumukh Sukhwani
Room Number:	208/2A
Floor:	-
Building Name:	-
Road/Street Name:	Station Road
Locality:	Near Gokul Hotel
City:	Pimpri Pune 411017
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received
	IOD/IOA/Concession/Plan Approval Number: ENVIRONMENT/WAKAD/4/2017
	Approved Built-up Area: 97945.50
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable- 4261.29 m2
15.Total Plot Area (sq. m.)	25000.00 m2
16.Deductions	3759.43 m2
17.Net Plot area	21240.57 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 44532.65
	b) Non FSI area (sq. m.): 53278.72
	c) Total BUA area (sq. m.): 97811.37
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 44532.65
	Approved Non FSI area (sq. m.): 53412.85
	Date of Approval: 12-09-2017
19.Total ground coverage (m2)	5151.92 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.60% of Total Plot Area (25000 m2) & 24.25% of Net Plot Area (21240.57 m2)
21.Estimated cost of the project	1593000000

22.Number of buildings & its configuration

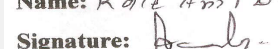
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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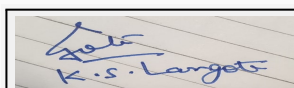
1	Building A	2P+12	41.91 m
2	Building B	2P+12	41.91 m
3	Building C	2P+12	41.91 m
4	Building D	2P+12	41.91 m
5	Building E	2P+12	41.91 m
6	Building F	2P+12	41.91 m
7	Building G	2P+12	41.91 m
8	Building H	G+11	35.99 m
9	Building I	2P+01	9.72 m

23.Number of tenants and shops	Total Tenements -757Nos. Shops-18 Nos. Multipurpose hall-1 no
24.Number of expected residents / users	Residential Users-3785 nos. Commercial users-189 Nos. Total Users: 3974Nos.
25.Tenant density per hectare	250/H
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18M wide DP road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

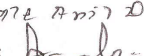
32.Total Water Requirement



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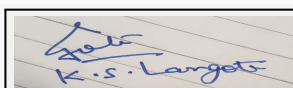
Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PCMC
	Fresh water (CMD):	551.47 m3/day (One time)
	Recycled water - Flushing (CMD):	175.04 m3/day
	Recycled water - Gardening (CMD):	20.00 m3/day
	Swimming pool make up (Cum):	7.00 m3/day
	Total Water Requirement (CMD) :	356.43 m3/day
	Fire fighting - Underground water tank(CMD):	375 m3
	Fire fighting - Overhead water tank(CMD):	160 m3
	Excess treated water	283.28 m3/day
Wet season:	Source of water	PCMC
	Fresh water (CMD):	531.47 m3/day (One time)
	Recycled water - Flushing (CMD):	175.04 m3/day
	Recycled water - Gardening (CMD):	0.00 m3/day
	Swimming pool make up (Cum):	7.00 m3/day
	Total Water Requirement (CMD) :	356.43 m3/day
	Fire fighting - Underground water tank(CMD):	375 m3
	Fire fighting - Overhead water tank(CMD):	160 m3
	Excess treated water	303.28 m3/day
Details of Swimming pool (If any)	<p>Dimension of Swimming Pool: 15.00 m x 7.5 m x 1.2 m Total water Requirement in KLD: 135000 Lit Make up Water requirement in KLD: 7 KLD Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored:</p> <p>Budgetary allocation (Capital cost and O & M cost): • Capital cost: Rs. 14.85 Lakh • O & M Cost : Rs 1.45 Lakh/Year</p>	

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

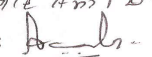


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	10m to 20m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	20 Nos.
	Size of recharge pits :	3.0 M X 3.0 M X 2.0 M
	Budgetary allocation (Capital cost) :	Rs.30.00Lakh
	Budgetary allocation (O & M cost) :	Rs 1.80 Lakh/Year
	Details of UGT tanks if any :	Residential& Commercial : Domestic UG tank Capacity: 516 m3 Flushing UG tank Capacity: 200 m3 Fire UG tank Capacity: 375 m3

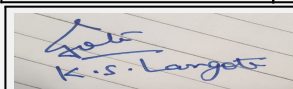
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	752.79 m3/day
	Size of SWD:	600 mm

Sewage and Waste water	Sewage generation in KLD:	478.32 m3/day.
	STP technology:	MMBR
	Capacity of STP (CMD):	480 m3/day.
	Location & area of the STP:	388.50 m2
	Budgetary allocation (Capital cost):	Rs. 99.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 22.96 Lakh / Year

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	40kg/day
	Disposal of the construction waste debris:	for Leveling

Waste generation in the operation Phase:	Dry waste:	785 kg/day.
	Wet waste:	1154 kg/day.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	71.4 kg/day.
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Sant Gadge Baba Savyamrojgar Seva Sahakari Sanstha
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC.
	Others if any:	NA
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	180 m2 Including Machinery Area
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 26.50 Lakh
	O & M cost:	Rs 7.21 Lakh / Year

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

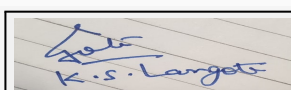
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	125 KVA - 2 No.	HSD-72.00 Lit./hr	S-1,S-2	6.5 M	Will be provided	Will be provided

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	72.00 Lit./hr	72.00 Lit./hr
41. Source of Fuel		Bharat Petroleum Corporation Ltd/ Hindustan Petroleum		
42. Mode of Transportation of fuel to site		By Roadways		



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43.Green Belt Development	Total RG area :	2389.84 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	375
	List of proposed native trees :	-
	Timeline for completion of plantation :	Mid of Construction

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

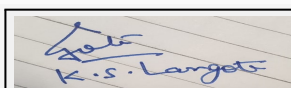
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azardirachta indica	Neem	40	Pollution Tolerant
2	Cassia fistula	Bahava	45	Pollution Tolerant, Ornamental.
3	Cordia dichotoma	Bhokar	15	Fast Growing/Butterfly attracting Suitable for Boundary planting.
4	Magnolia grandiflora	Kavthi chafa	15	Used in shelter belt planting /attracts birds.
5	Michelia champaca	Sonchafa	30	Ornamental.
6	Tamarindus indica	Chinch	5	Shade giving, bird attracting.
7	Mangifera indica	Aamba	5	Fruit bearing tree.
8	Plumeria alba	Chafa	10	Ornamental.
9	Lagerstroemia speciosa	Tamhan	25	Ornamental, Avenue planting.
10	Bauhinia variegata	Kanchan	40	Ornamental, Bird attracting.
11	Dyospyros malbarica	Temburi	35	Bird attracting, fruit bearing tree.
12	Pongamia glabra	Karanj	40	Medicinal/Shade giving/Avenue Planting/nitrogen fixing ability
13	Artocarpus integra	jackfruit	40	Shade giving, bird attracting, fruit bearing tree
14	Phoenix sylvestris	Date Palm	10	Ornamental
15	Caryota urens	Fish tail palm	10	Ornamental
16	Areca catechu	Betel palm	10	Ornamental

45.Total quantity of plants on ground

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

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

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 KVA - 1 No.
	During Operation phase (Connected load):	3582 KW
	During Operation phase (Demand load):	1796 KVA
	Transformer:	630 KVA - 3 No
	DG set as Power back-up during operation phase:	125 KVA - 2 No.
	Fuel used:	For 125 KVA :- 36.00 Lit./hr for 100% load
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar water heating systems will be done for bathrooms.

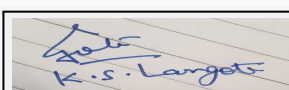
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches will be provided for Street lights, Garden lights, Parking & staircase Lights & other common area Lights, for saving electrical energy.
- Water level controllers with timers will be used for Water pumps.
- To create awareness to end consumer or flat owner, for using energy efficient light fittings like LED lights.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	122.13 KWH/DAY
2	Up Lighter - Light Fitting For Landscape Area.	1.6 KWH/DAY
3	Bollard Lighter - Light Fitting For Landscape Area.	1.12 KWH/DAY
4	Solar Street Light Fitting - Pole Light On Road Side.	10 KWH/DAY
5	Street Light on the Bldg.	4.32 KWH/DAY
6	Energy Saving by Solar Hot Water System.	2838.75 KWH/DAY

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening



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Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to Sant Gadge Baba Savyamrojgar Seva Sahakari Sanstha

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 104.00 Lakh
	O & M cost:	Rs 2.95 Lakh/year.

51.Environmental Management plan Budgetary Allocation

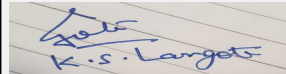
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

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	Sewage treatment Plant	99.00 Lakh	22.96 Lakh/Year
2	RWH	Rain water Harvesting	30.00 Lakh	1.80 Lakh/Year
3	MSW	OWC	26.50 Lakh	7.21 Lakh/Year
4	Solar System	Solar System	104.00 Lakh	2.95 Lakh / year
5	Landscaping	Landscaping	33.00 Lakh	5.00 Lakh/Year
6	Swimming Pool	Swimming Pool	14.85 Lakh	1.45 Lakh/Year
7	Safety Equipments	-	10.00 Lakh	2.00 Lakh/Year
8	Post EC Monitoring	-	-	2.50 Lakh/Year
9	Dry Waste Management	-	-	4.54 Lakh/Year

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



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Name: K. S. Anil D.
Signature: [Handwritten Signature]

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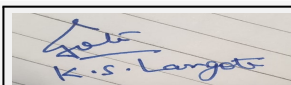
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

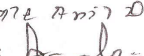
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	16347.52 m2
	Total Parking area:	32357.18 m2
	Area per car:	82.75 m2
	Area per car:	82.75 m2
	Number of 2-Wheelers as approved by competent authority:	1550
	Number of 4-Wheelers as approved by competent authority:	391
	Public Transport:	-
	Width of all Internal roads (m):	6.00 m
	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	No
	Other Relevant Informations	-



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	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for "Residential & Commercial Project" at Sr.No. 113/2/1(PT),113/2/2(PT), 113/1/2(PT) waked, Tal-Mulshi by M/s Sukhwani Chawla Developers

PP submitted their application for prior Environmental clearance for total plot area 25000.00 Sq. Mtrs, FSI area of 44532.65 Sq. Mtrs, Non FSI area of 53228.92 Sq.m and Total built up area of 97,761.57Sq.m. PP proposes to construct total 9 no of buildings.

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

DECISION OF SEAC

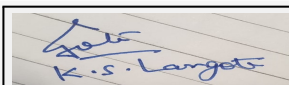
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit CFO NOC.
- 2) PP to submit affidavit regarding trees to be cut.
- 3) PP to submit undertaking for CER activities.

FINAL RECOMMENDATION

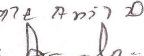
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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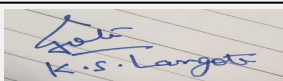
Agenda of 69 th Meeting of SEAC-3

SEAC Meeting number: 69 Meeting Date August 29, 2018

Subject: Environment Clearance for Environment clearance for Amendment and extension in validity of environment clearance Commercial Project and Amendment for change of use of Wing-C & Wing-D

Is a Violation Case: No

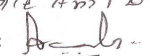
1.Name of Project	Phoenix Market city and Fountainhead.
2.Type of institution	Private
3.Name of Project Proponent	M/s Vamona Developers Pvt. Ltd.
4.Name of Consultant	Ultra-Tech (Environmental Consultancy and Laboratory) Lab Gazetted by MoEF Govt. of India . NABET Certificate : NANET/ EIA1417/RA010
5.Type of project	Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in existing project and Extension in validity of Environment clearance
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No expansion/diversification is proposed; EC has been obtained dated 30- June -2010 and amendment in EC was issued on 22th March 2013.
8.Location of the project	S. no. 207/1A, 207/1B, 207/2 of Lohagaon and S.no. 33/2A/2, 33/2B/2 of Wadgaonsheri, Viman Nagar, Nagar Road, Pune 411014
9.Taluka	Haveli
10.Village	Viman Nagar
Correspondence Name:	S. no. 207/1A,207/1B,207/2 of Lohagaon and S.no. 33/2A/2, 33/2B/2 of Wadgaonsheri, Vimannagar, Nagar Rd, Pune 411014
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	Nagar Road,
Locality:	Wadgaonsheri, Viman Nagar,
City:	Pune 411014
11.Area of the project	Yes, Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	PMC plan Sanctioned IOD/IOA/Concession/Plan Approval Number: CC/0312/15 dt. 30.04.2015 Approved Built-up Area: 95923.48
13.Note on the initiated work (If applicable)	Work in process as per the EC approved date 30-06-2010 and Amendment in EC approved Dated 22/03/2013
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	79881.00 sqm
16.Deductions	29051.74 sq. mt.
17.Net Plot area	50829.26 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 95923.48 sq.mt. b) Non FSI area (sq. m.): 167228.5 sq.mt. c) Total BUA area (sq. m.): 263151.98
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 95923.48 Approved Non FSI area (sq. m.): 167228.5 Date of Approval: 30-04-2015
19.Total ground coverage (m2)	35276 sq.mt
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	58.8 %
21.Estimated cost of the project	960000000



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22. Number of buildings & its configuration

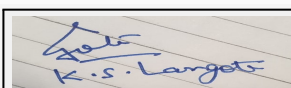
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Mall Building - B Building	1 Basement + G+3 Upper flr	36
2	Residential building D to be amend as office Commercial building	G+16	64.0
3	Residential Building C to be amend as office Commercial Building C	G+16	62.40
4	Office Building - Wing E	G+10	50
5	Office and Bazaar building - A Building	2 Basement + G+8 Upper flr	36.00
6	Parking building	G+8	27.20
7	Parking building	G+8	27.20

23. Number of tenants and shops	A Bldg: 118 shops and 51 offices, B Bldg : 337 shops, C Wing: 47 nos. office to be (Amended), D Wing: 78 nos. offices to be (Amended) , E wing: 42 offices
24. Number of expected residents / users	38979 Nos. including Floating Population
25. Tenant density per hectare	NA
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 distance 7.0 km, Width of connected road is 60 m on South side and 30 m on East Side Internal road - 9.0 mtr
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.0 m
29. Existing structure (s) if any	Yes, Buildings are constructed as per the EC Dt. 30/06/2010, Amendment in EC approved 22/03/2013 and sanctioned plans. User of wing C and wing D will be changed without changing foot print.
30. Details of the demolition with disposal (If applicable)	NA

31. Production Details

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

32. Total Water Requirement

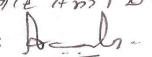


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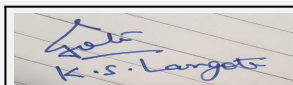
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Dry season:	Source of water	PMC/ Tanker water								
	Fresh water (CMD):	583								
	Recycled water - Flushing (CMD):	479								
	Recycled water - Gardening (CMD):	10 + 420 for HVAC								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	1492								
	Fire fighting - Underground water tank(CMD):	100 X 4 Nos.								
	Fire fighting - Overhead water tank(CMD):	25 x 2 Nos. and 20 x 3 Nos								
	Excess treated water	Total recycled water used (recycled water requirement is higher than recycled water generation)								
Wet season:	Source of water	PMC/ Tanker water								
	Fresh water (CMD):	583								
	Recycled water - Flushing (CMD):	479								
	Recycled water - Gardening (CMD):	420 for HVAC								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	1482								
	Fire fighting - Underground water tank(CMD):	100 x 4 Nos								
	Fire fighting - Overhead water tank(CMD):	25 x 2 Nos. and 20 x 3 Nos								
	Excess treated water	0								
Details of Swimming pool (If any)	NA									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	



K.S.Langote (Secretary SEAC-III)

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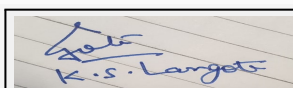
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Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4.3 m
	Size and no of RWH tank(s) and Quantity:	2 Tanks of 75 m ³ & 2 Tanks of 30 m ³
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	16 Nos
	Size of recharge pits :	3 mtr. Dia & 5 m depth
	Budgetary allocation (Capital cost) :	46 lacs
	Budgetary allocation (O & M cost) :	1 lacs/year
	Details of UGT tanks if any :	320 m ³ , 320m ³ , 120 m ³ ,100 m ³ , 210m ³ , 180m ³ , 210 m ³ , 200 m ³
35.Storm water drainage	Natural water drainage pattern:	North to South
	Quantity of storm water:	The drains are laid along roads and carry the water to the Pune Municipal Corporation SWD. - (945 m ³ /hr)
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	946 KLD
	STP technology:	Extended Aeration
	Capacity of STP (CMD):	950 KLD
	Location & area of the STP:	Decartelized STP one at WEST and 2nd at EAST
	Budgetary allocation (Capital cost):	40 lacs
	Budgetary allocation (O & M cost):	15 lacs/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Earth Work is completed no excavation will be takes place
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	5.84 Ton/day (including E waste)
	Wet waste:	3.89 Ton/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	142 kg/day
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Dry waste will be sent for recycling to agency SWATCH and E waste will be sent to recycling to M/s Mahalaxmi Recyclers pvt. ltd.
	Wet waste:	Wet waste will be converted to composting for by OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP sludge sent to SWM site to covert it in to compost.
	Others if any:	NA
Area requirement:	Location(s):	Near Decentralized STP area
	Area for the storage of waste & other material:	3500 sq ft
	Area for machinery:	1500 sq ft
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	80 lacs
	O & M cost:	5.4 lacs/year

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

39.Stacks emission Details

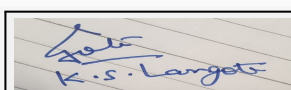
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	NA	NA	NA	NA	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	25 KL	-	25 KL

41.Source of Fuel Authorised Vendor

42.Mode of Transportation of fuel to site Tanker



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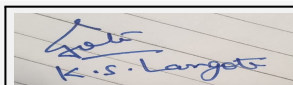
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Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	6155.84 sqm
	No of trees to be cut :	NO
	Number of trees to be planted :	966
	List of proposed native trees :	Supari, Umbar, Tagar
	Timeline for completion of plantation :	Completed

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	Prunusavium	Kordia	163	Large canopy tree, forms food source and nesting habitat for birds.
2	Azadirictaindica	Nimb	90	Neem are shady, medicinal and fast growing
3	Neolamarckiacadamba	Kadamba	100	Evergreen tree with large canopy and fragrant flowers
4	Cassia Fistula	Bhava	0	Medium, fast growing deciduous tree with yellow flowers, acts as butterfly host.
5	Swieteniamacrophylla	Mohagani	163	Big leaf mahogany is a slow-growing, very large, evergreen or briefly deciduous tree with an open, rounded crown
6	Millingtoniahortensis	Buch	149	They are used as antipyretic, sinusitis, cholagogue and tonic in folklore medicine. The flowers are used in rituals.
7	Lagerstroemia speciosa	Tamhan	88	Pride of India is a fast-growing, medium-sized, deciduous, sub-canopy tree with an upright,
8	Wodyetiabifurcata	Foxtal palm	123	The pale green arching fronds have leaflets that radiate out at all angles from the leaf stem, thus appearing like a bottlebrush or the tail of a fox.
9	Micheliachampaka	Chafa	58	The tree has a wide range of uses, being harvested locally as a source of food, medicines and a range of commodities
10	Areceaecatchu	Supari	42	Areca catechu is grown for its commercially important seed crop, the areca nut.
11	Phoenix dactylifera	Saypus palm	6	The date palm has a lot of medicinal uses and shady tree
12	Ficus benamina	Black ficus	2	Ficus benamina is an evergreen tree with a dense, wide crown; fast growing and shady
13	Bauhinia variegata	Kanchana	9	It is a fast-growing, attractive, deciduous tree with a dense, spreading crown;



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14	Panda Ficus	Fig tree	4	They are evergreen, but some deciduous species are endemic to areas outside of the tropics and to higher elevations
15	Terminaliacatappa	Badam	3	It is used to treat infection of mouth, throat and intestines caused by Yeast infection

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	Adenium sp.	2'	97 sq.m
2	Allamanda sp.	1' 6"	97 sq.m
3	Euphorbia caracasana	2'	46 sq m
4	Heliconia sp.	2'	62 sq m
5	Rhapis excelsa	1' 6"	53 sq m
6	Tabernae montana	1'	42 sq m
7	Tecoma gaudichaudi	1'	97 sq m
8	Aralia plant	1' 6"	52 sq m

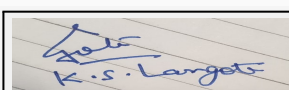
47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	Ongoing construction Construction activity is going on with the existing provided load
	DG set as Power back-up during construction phase	Ongoing construction Construction activity is going on with the existing provided load
	During Operation phase (Connected load):	21600 KW
	During Operation phase (Demand load):	18772 KVA
	Transformer:	2500 KVA x 4 , 2000 KVA x 3, 1600 KVA x 6
	DG set as Power back-up during operation phase:	Building B: 1500 kVA x 3, 2000kVA x , 3Nos. DG set and 200 lit/DG/hr Building A: 1010 kVA x 3, and 200 lit/DG/hr of D.G. sets Further Building C,D and E: 1600 kVA x 6 Nos Diesel Requirement:
	Fuel used:	25 KL (Explosive NOC obtained)
Details of high tension line passing through the plot if any:	NA	

48.Energy saving by non-conventional method:

- 1 Water Pumps (Using BEE certified motors & Variable frequency drive)
- 2 Lifts (Used Synchronizing & variable frequency drives)
- 3 Common Area Lighting (Replacement of CDMT with LED Lights and copper drivers)
- 4 External Lighting (With use of Solar Panels)
- 5 STP (Using BEE certified motors)

49.Detail calculations & % of saving:



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Serial Number	Energy Conservation Measures	Saving %
1	1 Water Pumps (Using BEE certified motors & Variable frequency drive) 2 Lifts (Used Synchronizing & variable frequency drives) 3 Common Area Lighting (Replacement of CDMT with LED Lights and copper drivers) 4 External Lighting (With use of Solar Panels) 5 STP (Using BEE certified motors)	18%

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	Provided as per Total Requirement	--
OWC	Provided as per Current Requirement	Yes
PLANTATION	Provided as per Current Requirement	Yes

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	152 Lakhs
	O & M cost:	6 Lakhs/yr

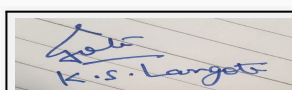
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for dust suppression and air , Noise Monitoring	6.76
2	Water Environment	Tanker Water for Construction+ Water Monitoring	7.8
3	Land Environment	Site sanitation Mobile toilets	5.0
4	Biological Environment	Gardening set up + top soil preservation	4.0
5	Socio economic environment	Disinfection + First Aid+Health Check up+creches for Children + PPE	38.04

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain water harvesting	Rain water harvesting	3.0	0.3
2	Sewage tratment plant	Sewage tratment plant	160.0	32.0
3	organic waste composting	organic waste composting	15.0	4.5
4	tree plantation	tree plantation	50.0	7.5
5	Energy	energy saving with solar panels	200.0	10.0
6	Environment Monitoring	Environment Monitoring	10.0	2.0
7	Basement Ventilation and Dewatering cost	Basement Ventilation and Dewatering cost	3.0	0.5
8	Tanker water	Tanker water	0	126.0



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

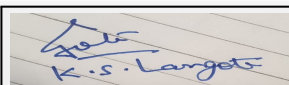
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Diesel	-	West side of plot	25 KL	-	500 Lit per Month	Authorized vendor	Tanker

52.Any Other Information

No Information Available

53.Traffic Management

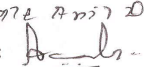
	Nos. of the junction to the main road & design of confluence:	NO
Parking details:	Number and area of basement:	A-Building - 1st basement - 5022 sq.mt + 2nd basement - 5100 sq.mt B-Building - 1st Basement - 39770 sq.mt
	Number and area of podia:	M.L.C.P Building - 44894 sq. mt
	Total Parking area:	94786.47 sq.mt
	Area per car:	As per PMC norms
	Area per car:	As per PMC norms
	Number of 2-Wheelers as approved by competent authority:	7546 as per PMC norms
	Number of 4-Wheelers as approved by competent authority:	2448 as per PMC norms
	Public Transport:	NA
	Width of all Internal roads (m):	6 M wide
	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	B1
	Court cases pending if any	NA
	Other Relevant Informations	NA



K.S.Langote (Secretary SEAC-III)

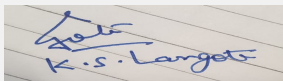
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Shri. Anil Kale (Chairman SEAC-III)

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

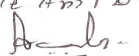
SEAC-AGENDA-00000000125



K.S.Langote (Secretary SEAC-III)

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Name: K 072 Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Minutes of 57th meeting of SEIAA, Maharashtra held on 7th & 8th March 2013 :

EC was issued to M/s. Vamona Developers Pvt. Limited vide letter No. SEAC-2010/CR.62/TC-2 dated 30.06.2010 for construction of Shopping Mall, Four Star Hotel, Service Apartment, Office Building and Parking Building project at Vimannagar, Pune. The project proponent has vide letter dated 29/01/2013 approached SEIAA for modification of the above EC.

The project proponent explained in today's meeting the grounds for the above changes. They have subsequently submitted a detailed letter. The main points made by them are as follows: (i) Due to change in economic scenario and over supply of hotel rooms in Pune, building of four star hotel and service apartments is not viable. As a result they have decided to take up construction of residential buildings. This involves reduction of the FSI area from 1,12,287 sq.m. to 96,245 sq.m. and total construction from 1,95,245 sq.m. to 1,68,365 sq.m. The reduction is mainly because of lesser FSI available for residential projects compared to hotel projects. (ii) The floor wise changes involved have been detailed in the letter. (iii) The major changes are that instead of the four star hotel (G+16 floors) involving 243 rooms, residential tower (G+16 floors) involving 37 apartments would be built; instead of 93 service apartments (G+16 floors) 31 apartments (G+16 floors) would be built; and the office block will now be of G+10 floors instead of G+14 floors. (iii) There is reduction in respect of almost all the other parameters.

Environment Clearance for extension of validity and amendment in environment clearance for Commercial Project for change of use of Wing-C & Wing-D at S. no. 207/1A,207/1B,207/2 of Lohagaon and S.no. 33/2A/2, 33/2B/2 of Wadgaonsheri, Viman Nagar, Nagar Road, Pune 411014 by M/s Vamona Developers Pvt. Ltd.

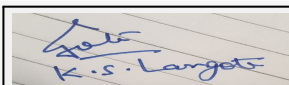
PP submitted their application for extension of validity and amendment in Environmental clearance for total plot area 79,881.00 Sq. Mtrs, FSI area of 95,923.48 Sq. Mtrs, Non FSI area of 1,67,228.5 Sq.m and Total built up area of 2,63,151.98 Sq.m.

During discussion PP stated that they are going to change of use from residential to commercial building. PP has been received earlier EC on 30th June 2010 and amended in 22 March 2013. Now proposal under consideration is for change of user from residential to commercial.

Now, PP proposes to construct Building A for Office & Bazar, Building B for Mall, Residential Building C is amending as office Commercial Building, Residential building D is amending as office Commercial building and wing is E for office building.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8 (b) B1.

DECISION OF SEAC



**K.S.Langote (Secretary
SEAC-III)**

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Name: K. Anil Kale
Signature: [Handwritten Signature]

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

SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

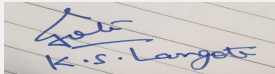
Specific Conditions by SEAC:

- 2) PP to submit details of E-waste and agreements
- 3) PP to submit energy saving calculations and plans.
- 4) PP to submit undertaking for CER activities and details.

FINAL RECOMMENDATION

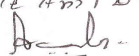
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-00000000125


K.S.Langote (Secretary
SEAC-III)

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

Agenda of 69 th Meeting of SEAC-3

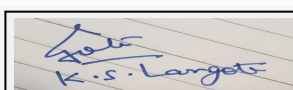
SEAC Meeting number: 69 Meeting Date August 29, 2018

Subject: Environment Clearance for AMENDMENT AND EXPANSION IN EC FOR PROPOSED RESIDENTIAL CUM COMMERCIAL PROJECT AT HADAPSAR, PUNE BY DOSTI REALTY LIMITED

Is a Violation Case: No

1.Name of Project	AMENDMENT AND EXPANSION FOR PROPOSED RESIDENTIAL CUM COMMERCIAL PROJECT
2.Type of institution	Private
3.Name of Project Proponent	Mr. Deepak K. Goradia; DOSTI REALTY LIMITED
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment and Expansion in Residential cum Commercial project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 112, 112A, 113, 113B, 114, 117, 118, 119, 122, 122A, 123A, 123B, 296, 296/B, 297, 297A, 318/ P. No. 3,4,5,5A,10,11,11A,12,15,16 Pune Solapur Road, Hadapsar, Pune, Maharashtra
9.Taluka	Hadapsar
10.Village	Hadapsar
Correspondence Name:	Sanjog Deshmukh
Room Number:	276
Floor:	1st Floor
Building Name:	Lawrence & Mayo House
Road/Street Name:	Dr. D. N. Road
Locality:	Fort, Mumbai
City:	Mumbai
11.Area of the project	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Approval received from Pune Municipal Corporation IOD/IOA/Concession/Plan Approval Number: CC/3311/16 dated 19.01.2017 Approved Built-up Area: 82834.62
13.Note on the initiated work (If applicable)	No Work Started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	48284.39 m ²
16.Deductions	2585.97 m ²
17.Net Plot area	45698.42 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 102814.59
	b) Non FSI area (sq. m.): 115575.6
	c) Total BUA area (sq. m.): 218390.19
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	18744.38
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39%
21.Estimated cost of the project	5340000000

22.Number of buildings & its configuration

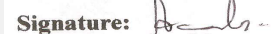


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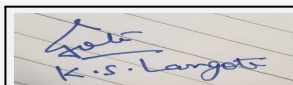
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Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A1	2B + LG + UG + POD + 21 FLOORS	69.95
2	A2	2B + LG + UG + POD + 21 FLOORS	69.95
3	B1	2B + LG + UG + POD + 21 FLOORS	69.95
4	B2	2B + LG + UG + POD + 21 FLOORS	69.95
5	B3	2B + LG + UG + POD + 21 FLOORS	69.95
6	B4	2B + LG + UG + POD + 21 FLOORS	69.95
7	B5	2B + LG + UG + POD + 21 FLOORS	69.95
8	C1	2B + LG + UG + POD + 21 FLOORS	69.95
9	C2	2B + LG + UG + POD + 21 FLOORS	69.95
10	C3	2B + LG + UG + POD + 21 FLOORS	69.95
11	C4	2B + LG + UG + POD + 21 FLOORS	69.95
12	C5	2B + LG + UG + POD + 21 FLOORS	69.95
13	D1	2B + LG + UG + POD + 21 FLOORS	69.95
14	D2	2B + LG + UG + POD + 21 FLOORS	69.95
15	D3	2B + LG + UG + POD + 21 FLOORS	69.95
16	COMMERCIAL BUILDING	G + 2 FLOORS	13.05
23.Number of tenants and shops		1234 Flats and Commercial Shops	
24.Number of expected residents / users		6426 Nos.	
25.Tenant density per hectare		257/ha	
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		60 feet wide Road and Pune Solapur Highway	
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		12 m wide drive way	



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29.Existing structure (s) if any	Godawoon and administrative building
30.Details of the demolition with disposal (If applicable)	248 m3

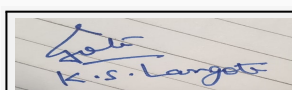
31.Production Details

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):	562
	Recycled water - Flushing (CMD):	283
	Recycled water - Gardening (CMD):	26
	Swimming pool make up (Cum):	8
	Total Water Requirement (CMD) :	849
	Fire fighting - Underground water tank(CMD):	As per CFO NOC
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC
	Excess treated water	472
Wet season:	Source of water	PMC
	Fresh water (CMD):	562
	Recycled water - Flushing (CMD):	283
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	8
	Total Water Requirement (CMD) :	849
	Fire fighting - Underground water tank(CMD):	As per CFO NOC
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC
	Excess treated water	498
Details of Swimming pool (If any)	Swimming Pool is provided	

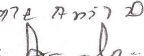
33.Details of Total water consumed



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Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
34. Rain Water Harvesting (RWH)	Level of the Ground water table:		12 - 13 m						
	Size and no of RWH tank(s) and Quantity:		Not Applicable						
	Location of the RWH tank(s):		Not Applicable						
	Quantity of recharge pits:		5 Nos. of recharge pits						
	Size of recharge pits :		3 m dia						
	Budgetary allocation (Capital cost) :		10 Lakh						
	Budgetary allocation (O & M cost) :		1 Lakh / year						
	Details of UGT tanks if any :		Domestic and flushing tanks are provided						
35. Storm water drainage	Natural water drainage pattern:		Towards North						
	Quantity of storm water:		2153.41 m ³ /hr						
	Size of SWD:		300 and 450 mm						
Sewage and Waste water	Sewage generation in KLD:		788						
	STP technology:		FAB						
	Capacity of STP (CMD):		850						
	Location & area of the STP:		Upper Ground Level and area: 572.48 m ²						
	Budgetary allocation (Capital cost):		170 Lakh						
	Budgetary allocation (O & M cost):		34 Lakh / year						
36. Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:		Construction Debris waste generation: 6341 m ³						
	Disposal of the construction waste debris:		Debris will be used at project site for land filling and back filling						
Waste generation in the operation Phase:	Dry waste:		1254 kg/d						
	Wet waste:		1882 kg/d						
	Hazardous waste:		NA						
	Biomedical waste (If applicable):		NA						
	STP Sludge (Dry sludge):		8 KLD						
	Others if any:		NA						

Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge will be mixed with the compost to form a soil conditioner which will be used for landscaping purpose
	Others if any:	NA
Area requirement:	Location(s):	Upper Ground Floor
	Area for the storage of waste & other material:	100 m ²
	Area for machinery:	50 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	80 Lakh
	O & M cost:	32 Lakh/year

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

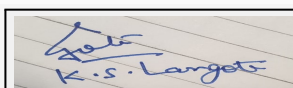
39. Stacks emission Details

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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43.Green Belt Development	Total RG area :	5198.35 m2
	No of trees to be cut :	67 Nos.
	Number of trees to be planted :	665 Nos.
	List of proposed native trees :	as below
	Timeline for completion of plantation :	2 years

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

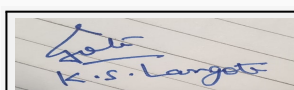
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbek	Shirish	75	Shady tree, yellowish green fragrant flowers
2	Anthocephalus kadamba	Kadamb	52	Shady, large tree, ball shaped flowers.
3	Azadirachta indica	Neem	71	Large tree, good for roadside plantation
4	Bauhinea racemosa	Apta	17	Small tree with small white flowers, Butterfly host plant
5	Cassia fistula	Bahava	19	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
6	Khaya grandis	Mohagany	26	Large tree, good for roadside plantation
7	Lagestromia speciosa	Flos reginae	40	Shady tree.
8	Mesua ferrea	Nagkeshar	34	-
9	Michelia champaca	Son chafa	60	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
10	Plumeria alba	Chapha	59	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
11	Pongamia pinnata	Karanj	45	Shady tree.
12	Saraca indica	Sita ashok	20	Shady tree with red-yellow flowers.
13	Syzygium cumini	Jambhul	20	Fruit bearing Tree
14	Manilkara zapota	Chiku	39	Fruit bearing tree
15	Psidium guajava	Peru	40	Fruit bearing tree
16	Annona squamosa	Sitafal	38	Fruit bearing tree
17	Mangifera indica	Amba	10	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	-	-	-

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	500 kVA
	During Operation phase (Connected load):	3.6 MW
	During Operation phase (Demand load):	3.4 MW
	Transformer:	6 X 630 kVA
	DG set as Power back-up during operation phase:	2 x 625 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

- Energy Efficient lighting using LED Lamps
- Use of high energy efficient pumps for fire fighting, UG Tanks and STP
- LED lights are proposed for common areas such as open spaces, pathways etc.
- Provision of solar hot water and solar PV panels

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	21%

50. Details of pollution control Systems

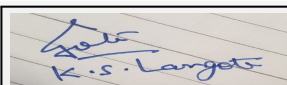
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	68 Lakhs
	O & M cost:	3 Lakh / year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	5
2	Site sanitation and Potable Water Supply to Labour	-	9

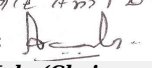


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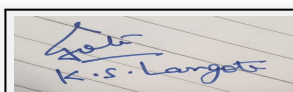
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3	Environmental Monitoring	(As per the CPCB guidelines through MoEF Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time)	3
4	Health check-up & first aid	-	5
5	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	3
6	Traffic Management	(Sign Boards, Persons at entry exit and Parking area)	4
7	Safety nets	-	4
8	Tyre cleaning and vehicle maintenance	-	3
9	Splid waste management & site maintenance activity	-	3
10	Safety Training to Workers (Twice in Year), Safety Officer	-	6

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M Environment Monitoring: Monthly, STP outlet water quality for pH, BOD, COD, SS, FC, Nitrate, Phosphate and O&G	170	34
2	Solar System	Quarterly	68	3
3	Rain water Harvesting	During Rainy Season (cleaning of SWD, contour trenches and filtration units before rainy season)	10	1
4	Solid Waste Composting plant	Continuous O & M Environment Monitoring: Monthly to assess the compost quality	80	32
5	Landscape	Daily	80	12
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	7

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

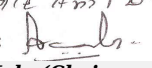


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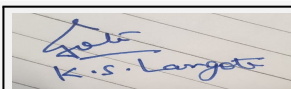
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	Site is accessible by 60 feet wide Road and Pune Solapur Highway
Parking details:	Number and area of basement:	2 Basements with m2 area
	Number and area of podia:	1 Podium with m2 area
	Total Parking area:	82,784.74 m2
	Area per car:	In Basement: 33.38 m2
	Area per car:	In Basement: 33.38 m2
	Number of 2-Wheelers as approved by competent authority:	2 W: 2802 Nos.; Cycle: 1737 Nos.
	Number of 4-Wheelers as approved by competent authority:	1788 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	12 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	NA
	Other Relevant Informations	NA



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	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

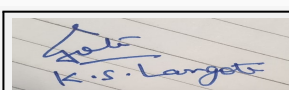
Brief information of the project by SEAC

Environment Clearance for Amendment and Expansion for Proposed Residential Cum Commercial Project on S. No. 112, 112A, 113, 113B, 114, 117, 118, 119, 122, 122A, 123A, 123B, 296, 296/B, 297, 297A, 318/ P. No. 3,4,5,5A,10,11,11A,12,15,16 at Pune Solapur Road, Hadapsar, Pune, Maharashtra by Dosti Realty Limited.

PP submitted their application for expansion and amendment of Environmental clearance for total plot area 48284.39 Sq. Mtrs, FSI area of 102814.59 Sq. Mtrs, Non FSI area of 115575.6 Sq.m and Total built up area of 2,18, 390.19 Sq.m. PP proposes to construct total 15 no of residential and 1 commercial buildings.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8 (b) B1.

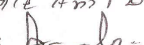
DECISION OF SEAC



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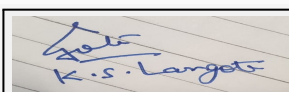
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

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 condition wise compliance report of earlier EC conditions .
- 3) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur
- 4) 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
- 5) PP informed that project is pre-certified by IGBC for Gold Rating, PP to submit IGBC observations sheets for information because the IGBC quantities are different from current quantities, PP to clarify.
- 6) 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.
- 7) 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.
- 8) PP to submit parking layout plan for all the floors showing slope and width of the ramps
- 9) PP to submit cross section of all buildings
- 10) PP to submit parking area statement as per DCR.
- 11) PP to submit cross section of basement showing width and slope of ramp.
- 12) PP to submit details of basement parking.
- 13) 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.
- 14) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 15) PP to carry out fugitive dust monitoring by using local meteorological data.
- 16) 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.
- 17) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 18) PP to submit disaster management plan.
- 19) 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.
- 20) 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.
- 21) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project
- 22) PP to submit internal storm water drain and sewer line arrangements up to final disposal point
- 23) 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
- 24) PP to submit details hydro geological survey report with graphs & data
- 25) PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 26) PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 27) 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.
- 28) PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
- 29) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 30) PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.
- 31) PP to submit revised location of STP and should be open to sky,on ground.
- 32) PP to submit civil aviation NOC.
- 33) PP to submit revised DMP along with plan for lightning arrester.

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



**K.S.Langote (Secretary
SEAC-III)**

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SEAC-III)**

Agenda of 69 th Meeting of SEAC-3

SEAC Meeting number: 69 Meeting Date August 29, 2018

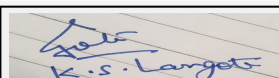
Subject: Environment Clearance for Building & construction project

Is a Violation Case: No

1.Name of Project	Ceratec Avika
2.Type of institution	Private
3.Name of Project Proponent	Ceratec Corp
4.Name of Consultant	EIA Cordinator: Sourabh Jaiswar; M/s Pollution & Ecological Services
5.Type of project	Residential project with shopline
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, we have obtained integrated environmental building permission along with commencement certificate from Pune Municipal Corporation on dated 25/09/2017 under 9 th Dec EIA notification 2016.
8.Location of the project	S. No. 34C, H. No. 2C(p),
9.Taluka	Haveli
10.Village	Yewalewadi
Correspondence Name:	Mr. Pramod Bhat, S.N. 36/7/5,Ambegaon Budruk, Mumbai-Bangalore Bypass,Pune-411 046
Room Number:	1
Floor:	2
Building Name:	Ceratec
Road/Street Name:	Mumbai-Bangalore Bypass
Locality:	Katraj
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Commencement certificate
	IOD/IOA/Concession/Plan Approval Number: CC/0598/18
	Approved Built-up Area: 35770.53
13.Note on the initiated work (If applicable)	We have to plan start the work at site as per permission obtained from PMC.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	12300.00
16.Deductions	2420.50
17.Net Plot area	9879.50
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 24995.54
	b) Non FSI area (sq. m.): 11789.06
	c) Total BUA area (sq. m.): 36784.60
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 23395.84
	Approved Non FSI area (sq. m.): 12,374.69
	Date of Approval: 08-06-2018
19.Total ground coverage (m2)	2376.02
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	32
21.Estimated cost of the project	530000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
---------------	------------------------	------------------	-------------------------------



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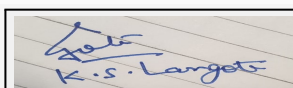
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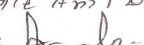
1	Building A	P +14	44.91	
2	Building B	2P + 13	44.91	
3	Building C	2P + 13	44.91	
4	Club House	G +1	9.0	
23.Number of tenants and shops	Tenements : 448; Shops : 05			
24.Number of expected residents / users	2240			
25.Tenant density per hectare	364			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12.0 m			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 m			
29.Existing structure (s) if any	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				



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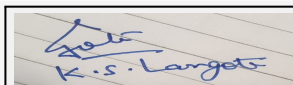
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Dry season:	Source of water	PMC							
	Fresh water (CMD):	205							
	Recycled water - Flushing (CMD):	101							
	Recycled water - Gardening (CMD):	06							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	312							
	Fire fighting - Underground water tank(CMD):	225							
	Fire fighting - Overhead water tank(CMD):	60							
	Excess treated water	125							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	205							
	Recycled water - Flushing (CMD):	101							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	306							
	Fire fighting - Underground water tank(CMD):	225							
	Fire fighting - Overhead water tank(CMD):	60							
	Excess treated water	131							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	18-20 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	04
	Size of recharge pits :	1.2 X 1.0
	Budgetary allocation (Capital cost) :	5.0
	Budgetary allocation (O & M cost) :	0.5
	Details of UGT tanks if any :	overhead tanks= 1)Domestic-202cum 2)Flushing-103cum 3)Fire-60cum Total 365Cum Underground tanks = 1)Domestic-355cum 2)Flushing-102 3)Fire-225cum Total-682cum

35.Storm water drainage	Natural water drainage pattern:	divert into Municipal drain
	Quantity of storm water:	568.21 cum/hr
	Size of SWD:	1200 x 800

Sewage and Waste water	Sewage generation in KLD:	260
	STP technology:	MBBR
	Capacity of STP (CMD):	1 , 300 KLD
	Location & area of the STP:	Below ground
	Budgetary allocation (Capital cost):	65 Lacs
	Budgetary allocation (O & M cost):	8.0 Lacs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	• Waste generation from labor camp: 22.5 Kg/Day • Excavated debris: 19312 m3
	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, • Construction debris:- construction waste will be partly reused for backfilling, counterweight of raft, road works and landscaping etc and partly disposed off to designed dumping site

Waste generation in the operation Phase:	Dry waste:	679kg/day
	Wet waste:	459 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	35 Kg/day
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	handed over to authorized recyclers.
	Wet waste:	Handle through OWC machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	use as manure
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	30 sq.m
	Area for machinery:	5.0 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	18.0 Lacs
	O & M cost:	4.0 Lacs/Annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

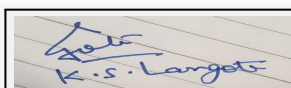
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

40. Details of Fuel to be used

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



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43.Green Belt Development	Total RG area :	1164.35 sq.m
	No of trees to be cut :	NA
	Number of trees to be planted :	160
	List of proposed native trees :	enclosed as annexure
	Timeline for completion of plantation :	before completion of project

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

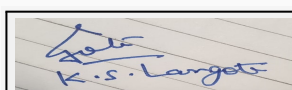
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azardiractha indica	Neem	20	Shady tree for roadside plantation and has medicinal uses
2	Plumeria alba	Franjipani	10	Ornamental plant with medicinal value
3	Nyctanthes arbortristis	Parijatak	15	Flowery tree, the seeds, leaves and flowers all have medicinal value.
4	Michelia champaca	Sonchapha	10	Conical tree with fragrant flowers
5	Peltopherum	Copper Pod	20	Shady tree for roadside plantation
6	Cassia fistula	Indian Labrenum	20	Native, deciduous, medicinal value
7	Jacaranda mimosifolia	Jacaranda	10	Deciduous tree, spreading type.with purple flowers
8	Mangifera indica	Mango	15	Fruit Bearing Tree, native, evergreen, attracts birds & insects, cultural significance
9	Syzyguim jambos & Others	Jamun	35	Fruit bearing tree, Large tree, medicinal plant,Bird host plant.

45.Total quantity of plants on ground

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

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

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	300 KVA
	DG set as Power back-up during construction phase	50 KVA
	During Operation phase (Connected load):	1731 KW
	During Operation phase (Demand load):	1318 KVA
	Transformer:	03 nos.630 KVA
	DG set as Power back-up during operation phase:	200 KVA
	Fuel used:	(Diesel)- 58 lit./hr
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Auto Timer control for external & Common lighting
- Use of CFL / LED lamps in all public/ common areas.
- Solar powered water heating .
- Electronic V3F Drives for Elevators

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Auto Timer control for external & Common lighting • Use of CFL / LED lamps in all public/ common areas. • Solar powered water heating • Electronic V3F Drives for Elevators	28 %

50. Details of pollution control Systems

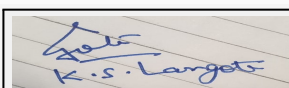
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	65.00 Lacs
	O & M cost:	4.00Lacs

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Drinking water	as per Drinking water standard	2.0
2	Sanitation	pH, BOD, COD, SS	8.0
3	Health Check Up	TB, Blood check up, ECG, dengue etc	4.0



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4	Labour camp	Hygiene, Insecticide, Fuel etc	5.0
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b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewerage Treatment Plant	pH, BOB, COD, TSS etc	65	8.0
2	Rain Water Harvesting	Oil & Grease, pH ETC	05	0.5
3	Solid waste Mangement	Wet & dry Waste	18.00	4.0
4	Energy Saving Measures	Solar, non conventional Appliances	65.0	4.0
5	Greenbelt Development	Plantations	15.0	2.0

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

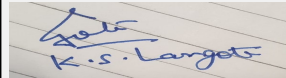
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Two
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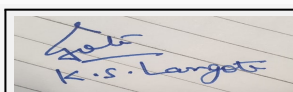
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Parking details:	Number and area of basement:	Two parking floor
	Number and area of podia:	NA
	Total Parking area:	7450.75 Sq.m
	Area per car:	12.5 sq.m
	Area per car:	12.5 sq.m
	Number of 2-Wheelers as approved by competent authority:	950 no
	Number of 4-Wheelers as approved by competent authority:	356 no
	Public Transport:	Local Buses
	Width of all Internal roads (m):	min 6.0 m
	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) -B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



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Environment Clearance for Building & construction project on S. No. 34C, H. No. 2C(p) at Yewalewadi, Haveli, Pune by Ceratec Corp.

PP submitted their application for expansion of Environmental clearance for total plot area 12,300.00 Sq. Mtrs, FSI area of 24, 995.54 Sq. Mtrs, Non FSI area of 11789.06 Sq.m and Total built up area of 36,784.60 Sq.m. PP proposes to construct total 3 no of buildings and 1 Club house.

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

DECISION OF SEAC

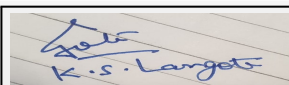
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the following conditions.

Specific Conditions by SEAC:

- 1) PP to submit CFO and E -waste NOC.
- 2) PP to submit specific NOC from respective authority for sewer line to be laid on public road.
- 3) PP to explore the possibility to utilise excess treated water.
- 4) PP to submit PP to submit cross sections of plot boundary showing the storm water drain, space left between compound wall, tree plantation line, and internal road.
- 5) PP to submit undertaking for CER activities and details.

FINAL RECOMMENDATION

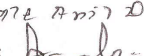
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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Agenda of 69 th Meeting of SEAC-3

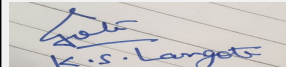
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Subject: Environment Clearance for Proposed Environmental Clearance of Proposed Residential Development (South Parcel) at Mamurdi, Pune

Is a Violation Case: No

1.Name of Project	Proposed Environmental Clearance of Proposed Residential Development (South Parcel)
2.Type of institution	Private
3.Name of Project Proponent	Godrej Skyline Developers Pvt. Ltd.
4.Name of Consultant	Building Environment India Pvt.Ltd.
5.Type of project	Residential Development with convenient shopping
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 10/1A/3, 10/1B, 11/1A, 11/2A, 11/3, 11/4, 11/4/2, 11/1B, 12/1, 12/2/1, 12/2/2, 12/2/3, 13/2, 13/1B
9.Taluka	Haveli
10.Village	Mamurdi
Correspondence Name:	Godrej Skyline Developers Pvt. Ltd. Godrej Eternia, 10th Floor, C wing, Wakdewadi, Shivaji Nagar, Pune: - 411003.
Room Number:	--
Floor:	10th Floor, C wing
Building Name:	Godrej Eternia,
Road/Street Name:	Wakdewadi,
Locality:	Shivaji Nagar
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: IOD Applied Approved Built-up Area: 429066.86
13.Note on the initiated work (If applicable)	Construction Not Yet started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	Total Plot area: 1,44,812.00sq.mt
16.Deductions	Deduction: 29,231.44 sq.mt.
17.Net Plot area	Net plot area: 1,15,581.54 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 2,47,552.11 sq.mt b) Non FSI area (sq. m.): 1,81,514.75 sq.mt c) Total BUA area (sq. m.): 429066.86
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 2,47,552 .11 sq.mt Approved Non FSI area (sq. m.): 1,81,514 .75 sq.mt Date of Approval: 18-04-2018
19.Total ground coverage (m2)	45,355.00 sq.mt
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	31.00
21.Estimated cost of the project	11122000000

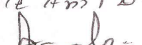
22.Number of buildings & its configuration



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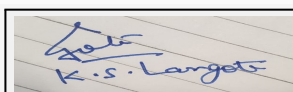
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg. No.1	P1+P2+P3+18	67
2	Bldg. No.2	P1+P2+P3+18	67
3	Bldg. No.3	P1+P2+P3+18	67
4	Bldg. No.4	P1+P2+P3+18	67
5	Bldg. No.5	P1+P2+P3+17	64
6	VILLA TYP1-1 X 97	G+2	11
7	VILLA TYP1-2 X 27	G+2	11
8	Bldg. No.6	P1+P2+P3+19	70
9	Bldg. No.7	P1+P2+P3+19	70
10	Bldg. No.8	P1+P2+P3+19	70
11	Bldg. No.9	P1+P2+P3+19	70
12	Bldg. No.10	P1+P2+P3+19	70
13	Bldg. No.11	P1+P2+P3+19	70
14	Bldg. No.12	P1+P2+P3+19	70
15	Bldg. No.13	P1+P2+P3+19	70
16	Bldg. No.14	P1+P2+P3+19	70
17	Bldg. No.15	P1+P2+P3+19	70
18	Bldg. No.15	P1+P2+P3+19	70
19	Master Club House	P1+P2+P3+5	35
20	Club House No. 1	G+1	8
21	Club House No. 2	G+1	8
22	Club House No. 3	G+1	8
23	EWS Building 1	P1+20	70
23.Number of tenants and shops	No of Flats: 3167 No of Shops: 150		
24.Number of expected residents / users	Residents:15835 Nos.; Commercial: 532.00 Nos.		
25.Tenant density per hectare	230		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.00 M		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 M		
29.Existing structure (s) if any	NA		



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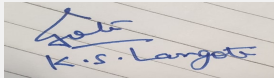
31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	PCMC / Tanker / STP Treated Water
	Fresh water (CMD):	Phase-1: 348.00; Phase-2: 71.00, Phase-3: 528.00; Phase-4: 437.00; EWS:234.00; Club House: 46.00 Total: 1664.00
	Recycled water - Flushing (CMD):	Phase-1: 170.00; Phase-2: 37.00, Phase-3: 259.00; Phase-4: 214.00; EWS:118.00; Club House: 28.00 Total: 826.00
	Recycled water - Gardening (CMD):	Phase-1:21.00; Phase-2: 15.00, Phase-3: 27.00; Phase-4: 27.00; EWS:--; Club House: 8.00 Total: 98.00
	Swimming pool make up (Cum):	PPhase-1:11.50; Phase-2: 11.50; Phase-3: 11.50; Phase-4: 11.50;; Club House: 11.50;
	Total Water Requirement (CMD) :	Phase-1:539.00; Phase-2: 123.00, Phase-3: 814.00; Phase-4: 678.00; EWS:352.00; Club House: 82.00 Total: 2588.00
	Fire fighting - Underground water tank(CMD):	Phase-1: 1 No. of 400Cu.m capacity and 1 No. of 600Cu.m capacity U.G fire tank; Phase-3: 1 No. of 400Cu.m capacity and 1 No. of 600Cu.m capacity U.G fire tank; Phase-4: 1 No. of 400Cu.m capacity and 1 No. of 600Cu.m capacity U.G fire tank; EWS: 1 No. of 400Cu.m capacity U.G fire tank Club House: 1 Nos. of 200Cu.m capacity U.G fire tank
	Fire fighting - Overhead water tank(CMD):	5 Nos. of 10Cu.m capacity O.H fire tank required for Project A. 5 Nos. of 10Cu.m capacity O.H fire tank required for Project C. 5 Nos. of 10Cu.m capacity O.H fire tank required for Project D. 2 Nos. of 10Cu.m capacity O.H fire tank required for Project EWS. 1 Nos. of 5Cu.m capacity O.H fire tank required for Project Clubhouse.
Excess treated water	Phase-1 :248CMD Phase-2:- 40CMD Phase-3 - 379CMD Phase-4 - 309CMD ; EWS -179CMD Project Clubhouse - 28CMD; Total; 1183.00 CMD	

SEAC-AGENDA



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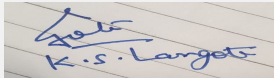
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Wet season:	Source of water	PCMC / RWH / Tanker / STP Treated Water
	Fresh water (CMD):	Project A - 348CMD Project B - 71CMD Project C - 528CMD Project D - 437CMD Project EWS - 234CMD Project Clubhouse - 46CMD; Total: 1664.00 CMD
	Recycled water - Flushing (CMD):	Project A - 170CMD Project B - 37CMD Project C - 259CMD Project D - 214CMD Project EWS - 118CMD Project Clubhouse - 28CMD, Total:826.00 CMD
	Recycled water - Gardening (CMD):	--
	Swimming pool make up (Cum):	Project A - 11.5Cu.m Project C - 11.5Cu.m Project D - 11.5Cu.m Project Clubhouse - 11.5Cu.m
	Total Water Requirement (CMD) :	Project A - 518KLD Project B - 108KLD Project C - 787KLD Project D - 651KLD Project EWS - 352KLD Project Clubhouse - 74KLD; Total:2490.00 CMD
	Fire fighting - Underground water tank(CMD):	Phase-1: 1 No. of 400Cu.m capacity and 1 No. of 600Cu.m capacity U.G fire tank; Phase-3: 1 No. of 400Cu.m capacity and 1 No. of 600Cu.m capacity U.G fire tank; Phase-4: 1 No. of 400Cu.m capacity and 1 No. of 600Cu.m capacity U.G fire tank; EWS: 1 No. of 400Cu.m capacity U.G fire tank Club House: 1 Nos. of 200Cu.m capacity U.G fire tank
	Fire fighting - Overhead water tank(CMD):	5 Nos. of 10Cu.m capacity O.H fire tank required for Project A. 5 Nos. of 10Cu.m capacity O.H fire tank required for Project C. 5 Nos. of 10Cu.m capacity O.H fire tank required for Project D. 2 Nos. of 10Cu.m capacity O.H fire tank required for Project EWS. 1 Nos. of 5Cu.m capacity O.H fire tank required for Project Clubhouse.
	Excess treated water	Phase-1- 269CMD Phase-2 - 55CMD Phase-3- 406CMD Phase-4 - 336CMD EWS -179CMD Project Clubhouse - 36CMD; Total:1281.00 CMD

Details of Swimming pool (If any)	Pool No. 1: 25.00 m x 10.00 m Pool No. 2: 25.00 m x 10.00 m Pool No. 3: 25.00 m x 10.00 m Pool No. 4: 25.00 m x 10.00 m
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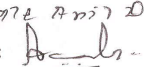
33.Details of Total water consumed

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


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	8.8 M
	Size and no of RWH tank(s) and Quantity:	9 nos. OF rwh tanks WILL BE PROVIDED; UG RWH TANK -1 = 54 Cu.M UG RWH TANK -2 = 54 Cu.M UG RWH TANK -3 = 36 Cu.M UG RWH TANK -4 = 36 Cu.M UG RWH TANK -5 = 36 Cu.M UG RWH TANK -6 = 24 Cu.M UG RWH TANK -7 = 219 Cu.M UG RWH TANK -8 = 163 Cu.M UG RWH TANK -9 = 30 Cu.M
	Location of the RWH tank(s):	-----
	Quantity of recharge pits:	10 Nos.
	Size of recharge pits :	4.5M DIA AND 4.5M EFFECTIVE DEPTH
	Budgetary allocation (Capital cost) :	2 Cr.
	Budgetary allocation (O & M cost) :	10 lacs
	Details of UGT tanks if any :	Under Ground Sump-1:- Domestic 479KLD,Flushing 241KLD,Gardening 31KLD Under Ground Sump-2:-Domestic-96KLD,Flushing -49KLD,Gardening-14KLD Under Ground Sump-3 :- Domestic-115KLD,Flushing -58KLD TANK WILL BE DESIGNED FOR 1.5 DAYS WATER DEMAND

35.Storm water drainage	Natural water drainage pattern:	--
	Quantity of storm water:	595 L/s
	Size of SWD:	1m(W) X 0.8 (D) 300mm freeboard allocated for SWD

Sewage and Waste water	Sewage generation in KLD:	Phase-1:461.00; Phase-2: 89.00, Phase-3: 700.00; Phase-4: 579.00; EWS:313.00; Club House: 67.00 Total: 2209.00
	STP technology:	MBBR
	Capacity of STP (CMD):	Phase-1:465.00; Phase-2: 90.00, Phase-3: 700.00; Phase-4: 580.00; EWS:315.00; Club House: 70.00
	Location & area of the STP:	STP-1 -640KLD (32.3MX19.4M) STP-2-130KLD(14.4MX9M) STP-3-154KLD(16MX10M)
	Budgetary allocation (Capital cost):	1132.00 l
	Budgetary allocation (O & M cost):	11.32 L

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	0.83 T/Day
	Disposal of the construction waste debris:	From waste generation from proposed development 30% will be recycled on site & remaining will be handed over to Authorised Recycles as per C&D waste Management Rule,2016
Waste generation in the operation Phase:	Dry waste:	Phase-1:1128.00; Phase-2: 224.00, Phase-3: 1726.00; Phase-4: 1424.00; EWS:784.00; Club House: 167.00 Total: 5453.00 kg/day
	Wet waste:	Phase-1:752.00; Phase-2: 150.00, Phase-3: 1151.00; Phase-4: 949.00; EWS:523.00; Club House: 112.00 Total: 3637.00 kg/day
	Hazardous waste:	will be handed over as per Hazardous Waste Management & Handling Rule,2016
	Biomedical waste (If applicable):	not applicable
	STP Sludge (Dry sludge):	Project 1 - 24 KLD Project 2 - 5 KLD Project 3 - 35 KLD Project 4 - 29 KLD Project EWS - 16 KLD Project Clubhouse - 4 KLD; Total:113.00 KLD
	Others if any:	not applicable

Mode of Disposal of waste:	Dry waste:	will be handed over to Authorised Recycles as per Solid waste Management Rule,2016
	Wet waste:	Will be treated in OWC
	Hazardous waste:	will be handed over as per Hazardous Waste Management & Handling Rule,2016
	Biomedical waste (If applicable):	not applicable
	STP Sludge (Dry sludge):	will be used as manure in onsite landscaping
	Others if any:	--
Area requirement:	Location(s):	Layout showing location is attached
	Area for the storage of waste & other material:	OWC machine will be provided
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--
	O & M cost:	--

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

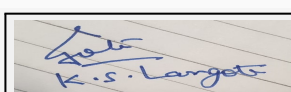
39. Stacks emission Details

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
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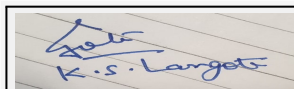
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42.Mode of Transportation of fuel to site	Not applicable
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43.Green Belt Development	Total RG area :	14350 m2
	No of trees to be cut :	236
	Number of trees to be planted :	900
	List of proposed native trees :	48 Nos.
	Timeline for completion of plantation :	throughout construction phase

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	Casuarina equistifolia	Beach oak	07	Evergreen tree with slender foliage
2	Grevillea robusta	Silver Oak	55	Fast growing evergreen tree
3	Polyalthia longifolia	Ashoka	10	--Small evergreen alleviating noise pollution
4	Dalbergia sissoo	Sheesham	35	Fast growing hardy tree
5	Tamarindus indica	Imli	40	Fruit tree
6	Terminalia arjuna	Arjun	32	Evergreen, slender, medicinal property
7	Delonix regia	Gulmohar	22	Flowering and shade giving
8	Lagerstroemia indica	Pride of India	23	Flowering tree, ornamental
9	Albizia saman	Rain Tree	14	Large evergreen shade giving tree
10	Callistemon lanceolatus	Bottle brush	12	Drooping character, long blooming period
11	Salix babylonica	Weeping willow / Peking willow	10	--Drooping character, suited to wet habitats
12	Salix tetrasperma	Indian willow	08	Drooping character, suited to wet habitats
13	Acacia auriculiformis	Australian Blackwood	25	Evergreen ornamental tree with dense foliage
14	Ailanthus excelsa	Maharukh	21	Tall Deciduous tree
15	Albizia lebbeck	Siris	22	Shade and timber tree
16	Azadirachta indica	Neem	30	Shade giving, medicinal property
17	Ficus infectoria	Pilkhan	21	Seasonal variation in the canopy, shade
18	Syzygium cumini	Jamun	15	Fruit tree, shade giving
19	Peltophorum ferrugineum	Copper pod	17	Flowering ornamental tree
20	Pongamia glabra	Indian beech	28	Flowering, evergreen
21	Tamarix articulata	Salt cedar	15	Feather like foliage, suited to wet habitats, bird foraging and nesting
22	Ficus bengalensis	Banyan	12	Evergreen, shade giving
23	Cassia fistula	Amaltas	17	Flowering tree, ornamental
24	Bombax ceiba	Silk cotton tree	18	Deciduous flowering tree



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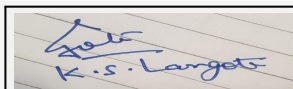
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25	Cassia nodosa	Pink javanica	19	Flowering, ornamental
26	Jacaranda mimosaefolia	Neeli gulmohar	19	Deciduous, flowering, ornamental
27	Chorisia speciosa	Pink silk floss	19	Flowering, ornamental
28	Mimusops selengi	maulsari	22	Evergreen, shade giving
29	Kigelia pinnata	Sausage tree	20	Evergreen, shade giving, flowering
30	Erythrina indica	Indian Coral tree	20	Flowering, ornamental
31	Butea monosperma	Palaash	28	Flowering, ornamental
32	Bauhinia blakeana/variegata	Kachnar	18	Flowering, ornamental, interesting leaf form
33	Plumeria alba	Champa	20	Medium sized flowering tree
34	Schleichera oleosa	Kusum	31	Flowering, medicinal property
35	Alstonia scholaris	Saptaparini	26	Shade giving, flowering, fragrant flowers
36	Terminalia mantaly	Madagascar almond	30	Horizontal branching pattern
37	Tabebuia rosea	Pink trumpet tree	24	Flowering, ornamental
38	Crataeva religiosa	Barna	16	Tall, shade giving, flowering tree
39	Madhuca longifolia	Mahua	14	Flowering, ornamental
40	Phoenix sylvestris	Sugar date palm	10	Tall, ornamental
41	Roystonea regia	Royal palm	12	Tall, ornamental
42	Washingtonia filifera	California palm	11	Tall, ornamental
43	Phoenix canariensis	Canary Island palm	9	Tall, ornamental
44	Phoenix dactylifera	Date Palm	8	Tall, ornamental
45	Ficus benjamina	Weeping fig	15	Evergreen, dense foliage, screening

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	Thevetia peruviana	1.8	112
2	Thespesia populnea--	2	178
3	Vitex negundo	0.5	67
4	Caesalpinia pulcherrima	0.45	70
5	Calliandra haematocephala	1.8	170
6	Euphorbia pulcherrima	1.8	180
7	Mussaenda	0.2	165
8	Justicia	0.5	89
9	Ixora chinensis, singaporensis	0.6	312
10	Franciscea latifolia--	1.5	112
11	Hamelia patens	0.75	218
12	Clerodendrum inerme	0.6	190
13	Alocasia macrorrhiza	0.6	118
14	Alpinia zerumbet variegata	0.45	90
15	Codiaeum variegatum	0.75	218
16	Dracaena reflexa	0.75	78



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17	Duranta plumerei	0.45	235
18	Euphorbia cotinifolia	1	130
19	Ficus panda--	0.8	320
20	Galphimia nitida	0.6	190
21	Jatropha panduraefolia	1.8	210
22	Russellia juncea	0.75	100
23	Schefflera arboricola	0.6	127
24	Tecoma stans	1.8	318
25	Tabernaemontana variegated	01	90
26	Yucca aloifolia	0.75	68
27	Bouganvillea	1.5	150

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	300KW
	DG set as Power back-up during construction phase	400KVA
	During Operation phase (Connected load):	22.9 MW
	During Operation phase (Demand load):	10.3MW
	Transformer:	630 kVA X 21 nos
	DG set as Power back-up during operation phase:	625 kVA X 2 Nos. ;500 kVA X 2, 400KVA X 1 & 320 kva X 1
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

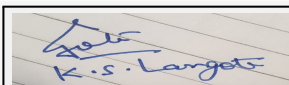
Solar Water Heater & Lighting will be provided
Solar Photovoltaic (90kWp) onsite power generation-143664kWh savings, Solar Hot Water-3,40,000kWh savings

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Photovoltaic (90kWp) onsite power generation-143664kWh savings, Solar Hot Water-3,40,000kWh savings	1.10%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
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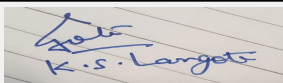
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Not applicable	Not applicable		Not applicable				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	otal Capex for Solar Photovoltaic & Solar Hot water Generation-1Crore					
	O & M cost:	--					
51.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	attached	attached	attached				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	attached	attached	attached	attached			
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:	--					



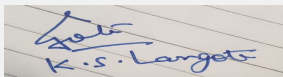
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Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	3 Podium, 76374 Sq. M
	Total Parking area:	76374 Sq. M.
	Area per car:	35 Sq. M.
	Area per car:	35 Sq. M.
	Number of 2-Wheelers as approved by competent authority:	Scooters: 2286 ; Cycle: 2286
	Number of 4-Wheelers as approved by competent authority:	Cars: 3590
	Public Transport:	--
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	--
	Category as per schedule of EIA Notification sheet	Townships and Area Development projects 8(b); Category:B
	Court cases pending if any	NA
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



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Environment Clearance for Proposed Residential Development (South Parcel) at S. No. 10/1A/3, 10/1B, 11/1A, 11/2A, 11/3, 11/4, 11/4/2, 11/1B, 12/1, 12/2/1, 12/2/2, 12/2/3, 13/2, 13/1B Mamurdi, Pune by Godrej Skyline Developers Pvt. Ltd .

PP submitted their application for expansion of Environmental clearance for total plot area 1,44,812.00 Sq. Mtrs, FSI area of 2,47,552.11 Sq. Mtrs, Non FSI area of 1,81,514.75 Sq.m and Total built up area of 4,29, 066.86 Sq.m. PP proposes to construct 15 residential buildings, 2 villas, 4 Club houses and 1 EWS Building.

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8 (b) B1.

DECISION OF SEAC

PP has uploaded EIA based on Deemed TOR on 27th August and which is incomplete. However Hard copies of EIA were not circulated to the committee members for their perusal. PP has agreed to circulate the hard copies of EIA .The EIA will be taken for appraisal subsequently to the receipt of hard copies.

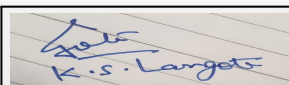
It was explained to PP and PP has agreed, that the EIA is based on Deemed TOR, committee may suggest additional studies required for this specific project.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



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Agenda of 69 th Meeting of SEAC-3

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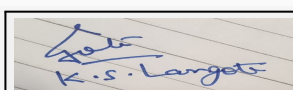
Subject: Environment Clearance for for project by M/s Monotype Grihanirman Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	TechPoint
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajkumar Sarda
4.Name of Consultant	M/s Saitech Research & Development Organization
5.Type of project	Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Survey no 12, H no 1/1+1/2C, Opposite Lafarge Concrete Plant, Solapur By-pass Road, Kharadi, Tehsil-Haveli, Dist-Pune-411014.
9.Taluka	Haveli
10.Village	Kharadi
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 37441.19
13.Note on the initiated work (If applicable)	19040 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	6866.11
16.Deductions	Deductions - 921.11 (780 m2 open space +141.11 m2 Nala)
17.Net Plot area	5945.00
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17636.13
	b) Non FSI area (sq. m.): 19805.06
	c) Total BUA area (sq. m.): 37441.19
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	2509.00
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	36.54 % of Total plot area & 42.20% of Net plot area
21.Estimated cost of the project	916000000

22.Number of buildings & its configuration

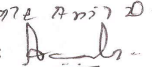
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	IT Building	LB+UB+GR+6	29.55
23.Number of tenants and shops	Offices - 14 Nos		
24.Number of expected residents / users	Office Users: 3109 Nos. Driver: 36 Nos. Visitors: 311 Nos.		



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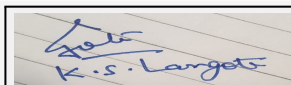
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 m wide DP road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	218.50 (One Time)
	Recycled water - Flushing (CMD):	49.00
	Recycled water - Gardening (CMD):	7.00
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD):	97.50
	Fire fighting - Underground water tank(CMD):	100.00
	Fire fighting - Overhead water tank(CMD):	20.00
	Excess treated water	4.10



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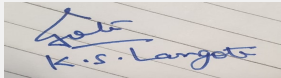
Wet season:	Source of water	PMC
	Fresh water (CMD):	211.50 (One Time)
	Recycled water - Flushing (CMD):	49.00
	Recycled water - Gardening (CMD):	0.00
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	97.50
	Fire fighting - Underground water tank(CMD):	100.00
	Fire fighting - Overhead water tank(CMD):	20.00
	Excess treated water	11.10

Details of Swimming pool (If any)	NA
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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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre Monsoon- 6.15 m BGL,Post Monsoon- 3.15 m BGL
	Size and no of RWH tank(s) and Quantity:	50 m3
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	9 Nos.
	Size of recharge pits :	2 m. X 2 m. X 2 m
	Budgetary allocation (Capital cost) :	Rs 3.00 Lakh
	Budgetary allocation (O & M cost) :	Rs. 0.40 Lakh /Year
	Details of UGT tanks if any :	Domestic UG tank Capacity : 146.25 m3 Flushing UG tank Capacity : 83.00 m3 Fire UG tank Capacity : 100.00 m3



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35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	6.34 m3 /Min
	Size of SWD:	300 mm

Sewage and Waste water	Sewage generation in KLD:	131.85
	STP technology:	MBBR
	Capacity of STP (CMD):	139.00
	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	Rs.35.00 Lakh
	Budgetary allocation (O & M cost):	Rs 6.94 Lakh/Year

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Use for Leveling.

Waste generation in the operation Phase:	Dry waste:	518.00 kg/day
	Wet waste:	346.00 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	11.84 kg/day
	Others if any:	NA

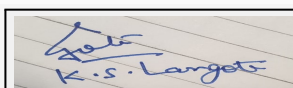
Mode of Disposal of waste:	Dry waste:	SWACH
	Wet waste:	Organic waste converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	NA

Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	45 M2
	Area for machinery:	15 M2

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14.75 Lakh
	O & M cost:	Rs. 3.04 Lakh/year

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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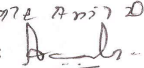


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1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set-1.0 MVA- 3 Nos.	HSD-110 Lit/hrs	S-1,S-2,S-3	32.55	to be provided	to be provided

40.Details of Fuel to be used

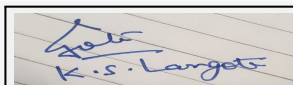
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	110 Lit/hrs	110 Lit/hrs
41.Source of Fuel		Hindustan petroleum corporation limited/Bharat Petroleum		
42.Mode of Transportation of fuel to site		By Roadway		

43.Green Belt Development

Total RG area :	780.00 m ²
No of trees to be cut :	NA
Number of trees to be planted :	104 Nos.
List of proposed native trees :	-
Timeline for completion of plantation :	Mid of construction

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	Golden Shower	03	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
2	Pongamia pinnata	Karanj	11	Shady tree.
3	Syzygium cumini	Jamun	03	Fruit tree
4	Mangifera indica	Mango	03	Shady fruit tree.



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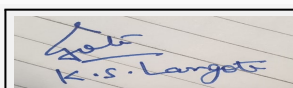
5	Michelia Champaca	Son Chapha	22	Medium sized evergreen tree, Shady tree. fragment flower
6	Manilkara zapota	Chikku	04	Fruit tree
7	Casuarina equisetifolia	Whistling tree	16	It is an evergreen tree with a soft wispy pine-like appearance
8	Cordea subestina	Scarlet Cordia	02	Ornamental, flowering tree
9	Lagerstroemia flosregineae	Crape Myrtle	03	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
10	Tabebuia argentea	Golden Bell	02	The nectar of Tabebuia flowers is an important food source for several species of bees
11	Tabebuia rosea	Trumpet tree	02	It is a popular ornamental tree in subtropical and tropical regions, grown for its spectacular flower display on leafless shoots at the end of the dry season.
12	Bauhinia blakeana	Kanchan	06	This is a very popular ornamental tree in subtropical and tropical climates, grown for its scented flowers and also used as food item
13	Spathodia	Pichkari tree	07	This tree is planted extensively as an ornamental tree and is much appreciated for its very showy reddish-orange or crimson
14	Anthocephallus cadamba	Kadam	03	Shady, large tree, ball shaped flowers
15	Thevetia peruviana	Yellow Oleander	08	Evergreen Tropical shrub or small tree bears yellow trumpet like flowers.
16	Terminalia catappa	Khota Badam	09	Shady tree
17	Over and above-Roystonea regia	Royal palm	09	Ornamental plant
18	Wodytia bifurcata	Foxtail palm	10	Ornamental plant

45.Total quantity of plants on ground

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

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

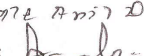
47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	49 KW
	DG set as Power back-up during construction phase	125 KVA
	During Operation phase (Connected load):	3685.09 KW
	During Operation phase (Demand load):	2335.26 KW
	Transformer:	1.5 MVA - 2 Nos
	DG set as Power back-up during operation phase:	1.0 MVA - 3 Nos
	Fuel used:	110 Liters/Hr.
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

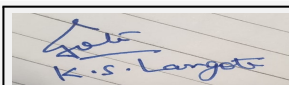
Replacing T8 fitting in stair case with T5.
 Replacing 2 x 18W Down lighter in lift lobby with 24W LED.
 Replacing 70W MHL Street lights with 24W LED.
 Providing 20% of Street lights on solar.
 Replacing normal lighting with LED for Landscape.
 Using VFD's for Lift machines, we can save 10% of consumption.
 By using Energy efficient motors, we can save 10% of energy.
 By using Energy efficient motors, we can save 10% of energy.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Landscape Lighting (LED Lighting instead of Normal)	20.00%
2	VFD's on Lifts	10.00%
3	External Lighting (Solar as well LED instead of Metal Halide)	31.429%
4	Plumbing Plant room pumps	10.00%
5	STP	10.00%
6	Building(Lift lobby, Staircase)	43.76%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	-	Green belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.

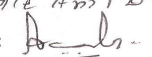


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Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH
-------------	---	---

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 64.21 Lakh
	O & M cost:	Rs 12.84 Lakh/year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment	1.00 Lakh/Year

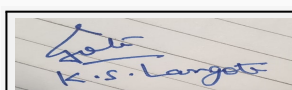
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	-	35.00	6.94
2	RWH	-	3.00	0.40
3	MSW	-	14.75	3.04
4	Energy System	-	64.21	12.84
5	Solar PV Panel	-	40.00	1.60
6	Landscaping	-	55.35	6.00
7	Safety Equipment	-	10.00	2.00
8	Post EC Monitoring	-	-	2.50
9	Dry Waste Management	-	-	1.00

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

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

52.Any Other Information



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No Information Available

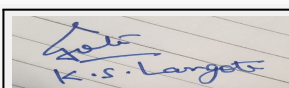
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	11676.60 m2
	Area per car:	38.40 m2
	Area per car:	38.40 m2
	Number of 2-Wheelers as approved by competent authority:	752
	Number of 4-Wheelers as approved by competent authority:	304
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	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	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

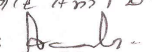
Brief information of the project by SEAC



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Environment Clearance for project on Survey no 12, H no 1/1+1/2C, Opposite Lafarge Concrete Plant, Solapur By-pass Road, Kharadi, Tehsil-Haveli, Dist-Pune by M/s Monotype Grihanirman Pvt. Ltd.

DECISION OF SEAC

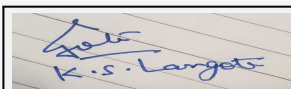
PP remained absent,hence committee decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

SEAC-AGENDA-00000000125



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

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Agenda of 69 th Meeting of SEAC-3

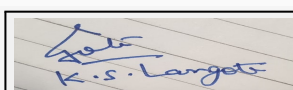
SEAC Meeting number: 69 Meeting Date August 29, 2018

Subject: Environment Clearance for EIA for Proposed Expansion of IT Buildings

Is a Violation Case: No

1.Name of Project	SP Infocity by The Manjri Stud Farm Pvt. Ltd. at Phursungi , Pune
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajendra Gadekar ,Assistant General Manager
4.Name of Consultant	Building Environment India Pvt. Ltd.
5.Type of project	Others- Proposed Expansion of IT Buildings
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes , 1) EC Letter No. 21-104/2007-IA.III GOI. MoEF (I.A. Division) New Delhi dt. 22/08/2007, 2) EC Letter No. SEAC-2011/CR-86/TC-II, Env. Dept, GoM, Mumbai, dt. 04/09/2014, 3) SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 3,2017 SEIAA-EC-0000000075
8.Location of the project	S.No.209/1a/2,209/3,209/4a,209/9,210/1a/2,210/1c,210/1d/1,210/3,210/4,211/1a/1,212(P) at Phursungi
9.Taluka	Haveli
10.Village	Phursungi
Correspondence Name:	Mr. Rajendra Gadekar ,Assistant General Manager
Room Number:	S. No. 209 & Others
Floor:	Next to Satyapuram Society
Building Name:	SP Infocity
Road/Street Name:	Pune Saswad Road
Locality:	Phursungi
City:	Pune
11.Area of the project	Pune Meteropolitan Region Developement Authority
12.IOD/IOA/Concession/Plan Approval Number	Commencement Certificate received from PMRDA DP/BHA/Mouze Phursungi/S.No. 209/3 & Other / C.R. No. 944/17 -18 Dated 07.06.2018 IOD/IOA/Concession/Plan Approval Number: Ref. No.: DP/BHA/Mou. Phursungi/S.No.209/3 & others/Case No. 944/17-18 dated 07.06.2018 Approved Built-up Area: 429516.54
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	3,19,900 Sq.M.
16.Deductions	12,787.36 Sq.M.
17.Net Plot area	3,07,112.64 Sq.M.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Existing - 198065.32, Proposed -231451.22, Total - 429516.54 Sq.M. b) Non FSI area (sq. m.): Existing - 95913.45, Proposed -192395.58, Total - 288309.03 Sq.M. c) Total BUA area (sq. m.): 717825.57
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 429516.54 Approved Non FSI area (sq. m.): NA Date of Approval: 07-06-2018
19.Total ground coverage (m2)	Existing - 68256.37, Proposed -38834.39, Total - 107090.76 Sq.M.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Existing - 22.22, Proposed -12.65, Total - 34.87
21.Estimated cost of the project	10597090464

22.Number of buildings & its configuration

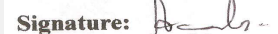


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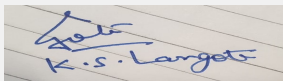
Name: K. Anil Kale

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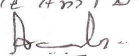
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	PRIOR TO 2006	NA	NA
2	IT Bldg 1	LG+G+1	11.27 M
3	IT Bldg 2	LG+UG+3	18.55 M
4	IT Bldg 3	LG+UG+3	18.55 M
5	Resi A1	G + 4	15 M
6	Resi A2	G + 4	15 M
7	Resi A3	G + 4	15 M
8	Resi A4	G + 4	15 M
9	Multipurpose Hall	G	3.60 M
10	EXISTING BLDGS- EC 2007 & 2014	NA	NA
11	IT Bldg 4 Wing A	LP+G+3	19.60 M
12	IT Bldg 4 Wing B	LP+G+3	23.60 M
13	IT Bldg 4 Wing C	LP+G+3	19.60 M
14	IT Bldg 5 Wing A	P + 6	27.60 M
15	IT Bldg 5 Wing B	B+ P + 6	27.60 M
16	IT Bldg 5 Wing C	B + P + 6	27.60 M
17	Resi B2	P + 12	37.50 M
18	Resi B3	P + 12	37.50 M
19	Resi B4	P + 12	37.50 M
20	RESIDENTIAL BLDGS -EC 2017	NA	NA
21	Resi B1	3 P + 14	52.40 M
22	PROPOSED BLDGS	NA	NA
23	IT Bldg 8 Wing A & B	B+LG+G+1P+11	54.70 M
24	IT Bldg 9 Wing A	B+LG+G+1P+11	59.95 M
25	IT Bldg 9 Wing B	B+LG+G+4P+10	56.80 M
26	IT Bldg 10 Wing A	LG+G+4P+9	56.80 M
27	IT Bldg 10 Wing B	LG+G+4P+9	52.60 M
28	Utility Block	B + G	6.10 M
29	Institute of TL&DC in Amenity	LG+G+2	14.60 M
30	Club House in Amenity	G+1	8.70 M
31	Club House in Open Space (plot 2)	G+1	7.80 M
32	Community Hall in Open Space	G+1	7.80 M
33	Club House in Open Space (Plot 1)	G+1	7.80 M

23.Number of tenants and shops	Existing- 305 flats, 44 Offices, Proposed - 226 Offices, Total- 305 flats, 270 Offices
24.Number of expected residents / users	Existing- 18064, Proposed - 25282, Total- 43346
25.Tenant density per hectare	NA
26.Height of the building(s)	


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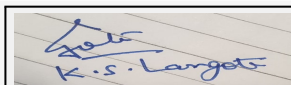
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9 m
29.Existing structure (s) if any	Not Applicable
30.Details of the demolition 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

Dry season:	Source of water	CGWB/Tanker/Irrigation
	Fresh water (CMD):	Existing- 489, Proposed - 632, Total -1121
	Recycled water - Flushing (CMD):	Existing - 445, Proposed - 506, Total - 951
	Recycled water - Gardening (CMD):	Existing - 169, Proposed - 94, Total - 263
	Swimming pool make up (Cum):	Existing - 10, Proposed - 0, Total - 10
	Total Water Requirement (CMD) :	Existing-1104 Proposed- 1232, Total-2336
	Fire fighting - Underground water tank(CMD):	Existing-100 Proposed- 170, Total-270
	Fire fighting - Overhead water tank(CMD):	Existing----- Proposed- 10, Total - 10
	Excess treated water	Existing-48 Proposed- 0, Total-48



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Wet season:	Source of water	CGWB/Tanker/Irrigation
	Fresh water (CMD):	Existing-489 Proposed- 632, Total-1121
	Recycled water - Flushing (CMD):	Existing-445 Proposed- 506, Total-951
	Recycled water - Gardening (CMD):	Existing-0 Proposed- 0, Total-0
	Swimming pool make up (Cum):	Existing-10 Proposed- 0, Total-10
	Total Water Requirement (CMD) :	Existing-1104 Proposed- 1138, Total-2336
	Fire fighting - Underground water tank(CMD):	Existing-100 Proposed- 170, Total-270
	Fire fighting - Overhead water tank(CMD):	Existing----- Proposed- 10, Total - 10
	Excess treated water	Existing-217,Proposed- 0, Total-217 (All excess tr

Details of Swimming pool (If any)

NA

33.Details of Total water consumed

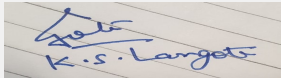
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)

Level of the Ground water table:	Existing- 15 meter BGL, Proposed - 15 meter BGL
Size and no of RWH tank(s) and Quantity:	NA
Location of the RWH tank(s):	NA
Quantity of recharge pits:	Existing- 07, Proposed - 25, Total - 32 nos.
Size of recharge pits :	2.5 Mt. x 2.5 Mt. x 3.0 Mt. Depth
Budgetary allocation (Capital cost) :	55 Lacs
Budgetary allocation (O & M cost) :	4.40 Lacs
Details of UGT tanks if any :	2 nos UGT Near Open Space 2

35.Storm water drainage

Natural water drainage pattern:	From South to North
Quantity of storm water:	15.90 m3/min
Size of SWD:	300 mm


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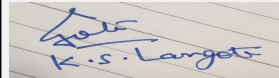
Sewage and Waste water	Sewage generation in KLD:	Existing- 983, Proposed -1011, Total - 1994
	STP technology:	Existing- MBBR, Proposed - MBR
	Capacity of STP (CMD):	Existing- 2 nos. STP of Capacity 600 KLD and 225 KLD, Proposed- 3 nos. STP of Capacity 1100 KLD and 110 KLD and 300 KLD, Total - 5 nos. STP of Capacity 600 K
	Location & area of the STP:	Plot 2 & 378 Sq.M.
	Budgetary allocation (Capital cost):	298.67 Lacs
	Budgetary allocation (O & M cost):	25.18 Lacs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Top Soil and debris
	Disposal of the construction waste debris:	Use for Landscaping and Leveling within Plot
Waste generation in the operation Phase:	Dry waste:	Existing-1514 Proposed- 3792, Total- 5306 kg/day
	Wet waste:	Existing-1009 Proposed- 2528, Total-3537 kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Existing-105 Proposed- 121, Total-226 kg/day
	Others if any:	E-Waste
Mode of Disposal of waste:	Dry waste:	Collected by Local Body
	Wet waste:	Treated in Organic Waste Converter
	Hazardous waste:	Spent Oil- Authorized Reprocessor
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use for Landscape as manure
	Others if any:	E-Waste sold to Authorized Reprocessor
Area requirement:	Location(s):	Near Open Space 2
	Area for the storage of waste & other material:	Existing- 25 Proposed- 28 , Total- 53 SqM
	Area for machinery:	Existing- 50 Proposed- 159, Total-209 SqM
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Existing- 10 Proposed- 35.25, Total- 45.25Lacs
	O & M cost:	Existing- 4.38 Proposed- 10, Total- 14.38 Lacs

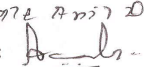
37.Effluent Charecterestics

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


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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

41.Source of Fuel

Not applicable

42.Mode of Transportation of fuel to site

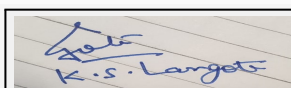
Not applicable

43.Green Belt Development

Total RG area :	45491.99 Sq.M.
No of trees to be cut :	Existing- 0 Proposed- 5 , Total-5
Number of trees to be planted :	Existing- 1259 Proposed- 2581 , Total-3840
List of proposed native trees :	Kanchan, Pangara, Indian Almond,Indian Cork Tree,Flame of Forest,Mango, Bakul, Soan Chafa,Fish tail Palm, bahava, Cadamba,Guava, Lucky Bean Tree,Champ
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	Bauhinea Purpurea	kanchan	272	Ornamental ,Avenue Tree, Soil Erosion
2	Erythrina Indica	Pangara	102	Ornamental, Soil Improver
3	Terminalia Catappa	Indian Almond	294	Prevent Soil Erosion, Shade & Ornamental
4	Millingtonea Hortensis	Indian Cork Tree	204	Indian Cork Tree
5	Butea Monosperma	Flame of Forest	154	Prevent Soil erosion, Ornamental
6	Mangifera Indica	Mango	90	Fruit,Shady Tree



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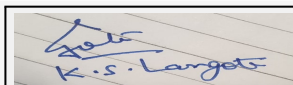
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7	Mimusops Elengii	Bakul	160	Deep Shade, Ornamental, Yellowish
8	Michelia Champaka	Soan Chafa	264	Ornamental, Road side, soil improved
9	Caryota Urens	Fishtail Palm	30	Attractive
10	Cassia Fistula	Bhava	264	Extremely Showy, Flowering
11	Anthocephalus Cadamba	Kadamba	207	Avenues roadside for shade, soil imp
12	Psidium Guajava	Guava	47	Edible Fruit
13	Putrangiva Roxburghii	Lucky Bean Tree	74	Ornamental Shady Tree
14	Plumeria Alba	Champa White	25	Ornamental
15	Populus Termuloides	Poplar	141	Windbreak, Shade, Erosion Control
16	Cassia Javanica	Pink Cassia	190	Ornamental Roadside Tree
17	Brassia Actinophylla	Umbrella Tree	30	Windbreak, Shade, Erosion Control
18	Azadirachta Indica	Neem	33	Roadside For Shad, Windbreak, Pur

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	Lantana White	300	-
2	Lantana Red	300	-
3	Lantana Blue	300	-
4	Lantana Yellow	300	-
5	Abelia Variegated	300	-
6	Wedelia Trilobata	300	-
7	Ixora Chinese Orange	450	-
8	Cuphea	300	-
9	Galphimea	450	-
10	Hamelia Patens Dwarf	300	-
11	Allamanda Yellow Dwarf	300	-
12	Canna Red Dwarf	300	-
13	Eranthemum Flowering	450	-
14	Oleander Dwarf Single red	450	-
15	Balsam	300	-
16	Verbena Lilac Pink	300	-
17	Verbena Lilac Purple	300	-
18	Verbena Lilac White	300	-
19	Ophiopogon Variegated	300	-
20	Rhoeo	300	-
21	Ixora Red Hybrid	450	-
22	Plumbago Blue	450	-
23	Hibiscus White La France	450	-
24	Agloenoema	450	-
25	Allamanda Purple	450	-



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26	Acalypha Wilkesiana Rosea	450	-
27	Alpinia Speciosa	450	-
28	Calliandra Dwarf	450	-
29	Tagar Variegated	450	-
30	Pentas Red	450	-
31	Myana Erecta Dwarf 450	450	-
32	Schefflera Variegated	450	-
33	Bamboo Grass	450	-
34	Pampas Grass	450	-

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	192 kW
	DG set as Power back-up during construction phase	3 x 125 kVA
	During Operation phase (Connected load):	33661 kW
	During Operation phase (Demand load):	Existing- 25694.47 kVA, Proposed - 22441 kW, Total - 42997 kW
	Transformer:	Existing- 2000 kVA , 4 x 1500 kVA, 2 x 1600 kVA, 1 x 2000 kVA, 1x2100 kVA, 3 x 1000 kVA, 2 x 2500kVA, 2x3000kVA, 2x 500 kVA, 5.Nos x 2 MVA , 6.Nos x 1.6 MVA , 4
	DG set as Power back-up during operation phase:	Existing- 5 x 1000 kVA & 9 x 1010 kVA & 2 x 500 kVA, 1 x 275 kVA & 1 x 200 kVA, 7x 1500 kVA, Proposed -16 x 2000 kVA, Total - 41 Nos. viii) Fuel Used HSD ix) Det
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Use of Energy Efficient Lighting and Use of Energy generated from Solar PV system for common areas.

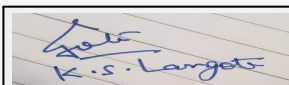
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of Energy Efficient and Solar PV system	40%

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:	NA
	O & M cost:	NA



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51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Construction Phase	Personnel Protective Equipment	15.0
2	Construction Phase	Site Sanitation Facility	4.50
3	Construction Phase	Drinking water facility	5.00
4	Construction Phase	Solid waste management	6.50
5	Construction Phase	Safety railing, platform, ladder, hoist, Cranes etc	15.0
6	Construction Phase	House keeping	3.00
7	Construction Phase	Health Check up	3.00
8	Construction Phase	Environmental Monitoring	3.00
9	Construction Phase	Total	55.0

b) Operation Phase (with Break-up):

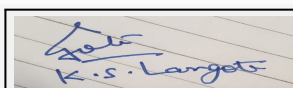
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Two	298.67	25.18
2	RWH	Recharge Pit with Recharge Bore	55	4.4
3	MSW	Organic Waste Convertor	35.25	10.0
4	Landscape	Plantation of Trees & other parts of garden areas	550	3.0
5	Energy Saving	Installation of Energy efficient fittings & Solar based Products	115	3.45
6	Environmental Monitoring	-	-	3.0
7	Total	-	1053.92	49.03

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

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

52.Any Other Information

No Information Available



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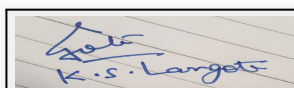
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53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	No
Parking details:	Number and area of basement:	1 No. of Basement in Existing Bldg 5 Wing B & C And Proposed Bldg 8 Wing A & B & Bldg 9 Wing A • Existing Basement Area -11827 Sqm, • Proposed Basemen
	Number and area of podia:	1 Podium in existing Bldgs 4, 5, Res Bldgs B1, B2, B3 & B4 with total Area of Existing Podium = 26684.96 Sqm
	Total Parking area:	• Existing-79417.96 Sqm, • Proposed- 155688.33 Sqm , • Total- 235106.29 Sqm
	Area per car:	Existing-30 Proposed- 27 , Total- 28
	Area per car:	Existing-30 Proposed- 27 , Total- 28
	Number of 2-Wheelers as approved by competent authority:	Existing-4737 Proposed-7543 , Total- 12280
	Number of 4-Wheelers as approved by competent authority:	Existing- 1666 Proposed- 4003 , Total- 5669
	Public Transport:	NA
	Width of all Internal roads (m):	Min. 9 m
	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	B
	Court cases pending if any	NA
	Other Relevant Informations	Project has received 1st EC in 2007 having F.S.I = 1,31,556.41 m2 . Also obtained EC in 2014 for Built-Up area = 1,05,565.23 m2 . Project Proponent has constructed Built up area = 72578.73 m2 prior to 2006 and same was communicated in EIA Report submitted to SEAC-III but which was not considered in EC Letter obtained in 2014. EC of 2014 was Amended in 2017 for Built-Up area = 91,987.23 m2. Total EC obtained for area = 1,31,556.41 m2+ 91,987.23 m2 = 2,23,543.64 m2
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS



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Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed Expansion of IT Buildings on S.No.209/1a/2,209/3,209/4a,209/9,210/1a/2,210/1c,210/1d/1,210/3,210/4,211/1a/1,212(P) at Phursungi by SP Infocity by The Manjri Stud Farm Pvt. Ltd.

DECISION OF SEAC

PP has uploaded EIA based on Deemed TOR on 27th August and which is incomplete. However Hard copies of EIA were not circulated to the committee members for their perusal. PP has agreed to circulate the hard copies of EIA .The EIA will be taken for appraisal subsequently to the receipt of hard copies.

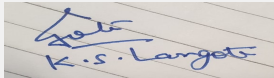
It was explained to PP and PP has agreed, that the EIA is based on Deemed TOR, committee may suggest additional studies required for this specific project.

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 above information.

Specific Conditions by SEAC:

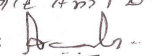
FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days


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