

71 st meeting of SEAC-3 (Day-3)

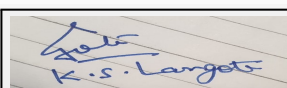
SEAC Meeting number: 71 Meeting Date September 22, 2018

Subject: Environment Clearance for Proposed IT Building

Is a Violation Case: No

1.Name of Project	Prestige Alphatech
2.Type of institution	Private
3.Name of Project Proponent	M/s. Prestige Exora Business Parks Limited
4.Name of Consultant	M/s. A & N Technologies
5.Type of project	Other - IT Building
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. There is an EC for the said project site in the name of M/s. Zenith Ventures vide No. 21-1217/2007-IA.III dated 29th April 2010, for the built up area of 35,185 Sqmt for the construction of Shopping Mall & Multiplex on a plot area of 37,160 Sqmt. The construction work was started with respect to previous Environmental Clearance & excavation was done for some portion & the project was stalled due to some internal reasons. Now the land owner made a Joint Development with M/s. Prestige Exora B
8.Location of the project	S. No. 39/2 & 39/2B, P. No. A1+A2+C2-6, Kharadi, Pune.
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	M/s. Prestige Exora Business Parks Limited
Room Number:	NA
Floor:	NA
Building Name:	The Falcon House, No.1
Road/Street Name:	Main Guard Cross Road
Locality:	Bengaluru
City:	Bengaluru
11.Area of the project	Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: Under Process Approved Built-up Area: 110718
13.Note on the initiated work (If applicable)	Part excavation for basement is done as per earlier sanctioned plans, by earlier owner.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Water NOC, Provisional Fire NOC and Drainage NOC obtained
15.Total Plot Area (sq. m.)	22,637.95
16.Deductions	7,966.26
17.Net Plot area	14,671.69
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 49,709.01 b) Non FSI area (sq. m.): 61,009.05 c) Total BUA area (sq. m.): 110718
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)	5,072.62
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34.57
21.Estimated cost of the project	2800000000

22.Number of buildings & its configuration

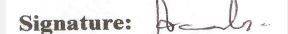


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Name: K S Langote

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

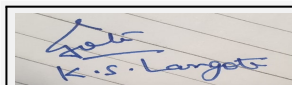
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1	3B+GR+16UF	69.90
23.Number of tenants and shops	NA		
24.Number of expected residents / users	5,502 Nos.		
25.Tenant density per hectare	2,435 Nos.		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 m		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	The dedicated driveway around the building is indicated as 6.0 m in the drawings and the turning radius is 5 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	Pune Municipal Corporation
	Fresh water (CMD):	291
	Recycled water - Flushing (CMD):	91
	Recycled water - Gardening (CMD):	68
	Swimming pool make up (Cum):	Not Applicable
	Total Water Requirement (CMD) :	382
	Fire fighting - Underground water tank(CMD):	500
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	168



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Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	139
	Recycled water - Flushing (CMD):	91
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not Applicable
	Total Water Requirement (CMD) :	230
	Fire fighting - Underground water tank(CMD):	500
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	236

Details of Swimming pool (If any)

Not Applicable

33.Details of Total water consumed

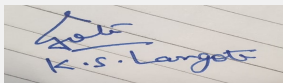
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	382	382	Not applicable	38	38	Not applicable	344	344

34.Rain Water Harvesting (RWH)

Level of the Ground water table:	Not Encountered upto 10m
Size and no of RWH tank(s) and Quantity:	152 Cum of 1 No.
Location of the RWH tank(s):	East of South East of the project site
Quantity of recharge pits:	19 Nos.
Size of recharge pits :	1.2 m dia, 25m depth
Budgetary allocation (Capital cost) :	Rs. 5.0 Lakhs
Budgetary allocation (O & M cost) :	Rs. 2.0 Lakhs/Annum
Details of UGT tanks if any :	Raw Water Sump 135 Cum X 2 Nos. Fire Water Sump 250 Cum X 2 Nos.

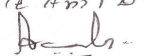
35.Storm water drainage

Natural water drainage pattern:	South to North direction
Quantity of storm water:	94 Cum
Size of SWD:	600mm


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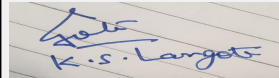
Sewage and Waste water	Sewage generation in KLD:	344
	STP technology:	Moving Bed Bio-Reactor Technology
	Capacity of STP (CMD):	1 No. of 350 KLD
	Location & area of the STP:	South East corner of the project site. Area 214 Sqmt
	Budgetary allocation (Capital cost):	Rs. 80 Lakhs
	Budgetary allocation (O & M cost):	Rs. 7.5 Lakhs/Annum

36. Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	150 kg/day of solid waste
	Disposal of the construction waste debris:	The construction debris will be reused within the site
Waste generation in the operation Phase:	Dry waste:	0.55 MT/day
	Wet waste:	1.10 MT/day
	Hazardous waste:	Waste Oil - 2.9 l/hr
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	17.5 kg/day
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Dry waste will be handed over to authorised vendors
	Wet waste:	Wet will be treated organic waste converter
	Hazardous waste:	Hazardous waste will be handed over to MPCB authorised waste oil recyclers
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	STP sludge will be used as manure for gardening
	Others if any:	Not Applicable
Area requirement:	Location(s):	East of South East of the project site
	Area for the storage of waste & other material:	100 Sqmt
	Area for machinery:	100 Sqmt
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 3.0 Lakh
	O & M cost:	Rs. 2.5 Lakh/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			



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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	Spent Oil	5.1	liter/hr	Not applicable	2.9	2.9	Hazardous waste will be handed over to MPCB authorised waste oil recyclers

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 (1500 kVA)	1257 l/hr	4	81.9	0.3	--

40.Details of Fuel to be used

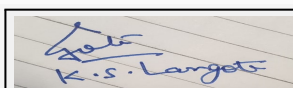
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Heigh Speed Diesel	Not applicable	1257 l/hr	1257 l/hr
41.Source of Fuel		From authorised vendors		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	Total RG area :	1697.89 Sqmt
	No of trees to be cut :	There are no tree in the project site
	Number of trees to be planted :	183 Nos.
	List of proposed native trees :	Blackboard Tree, Golden Shower Tree, Orange Geiger Tree, Blue Gulmohar, Champaka Tree, Copperpod Tree
	Timeline for completion of plantation :	3 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	Alstonia scholaris	Blackboard Tree	26	--
2	Cassia fistula	Golden Shower Tree	30	--
3	Cordia sebestena	Orange Geiger Tree	33	--
4	Jacaranda mimosifolia	Blue Gulmohar	38	--
5	Michelia champaca	Champaka Tree	28	--
6	Peltophorum ferrugineum	Copperpod Tree	28	--

45.Total quantity of plants on ground



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

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

47.Energy

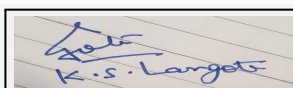
Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Co. Ltd.
	During Construction Phase: (Demand Load)	200 kVA
	DG set as Power back-up during construction phase	250 kVA 1 No.
	During Operation phase (Connected load):	4021 kVA
	During Operation phase (Demand load):	4021 kVA
	Transformer:	2,500 kVA X 2 Nos.
	DG set as Power back-up during operation phase:	1,500 kVA X 4 Nos.
	Fuel used:	HSD 1257 l/hr
Details of high tension line passing through the plot if any:	Not applicable	

48.Energy saving by non-conventional method:

- 1.Power savings due to solar PV panels = 0.25%
 - 2.Power savings through HF Ballast = 0.74%
 - 3.Power savings on Cu. Wound transformer = 0.33%
 - 4.Power savings through LED = 0.61%
 - 5.Energy Savings due to Lower LPD (Lighting Load) = 3.99%
 - 6.Time switch control for parking lighting = 0.06%
 - 7.Energy saving due to VFD drives = 1.46%
 - 8.Power factor maintenance = 5.00%
- Total Energy Saved with above measures = 12.44%

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Power savings due to solar PV panels	0.25%
2	Power savings through HF Ballast	0.74%
3	Power savings on Cu. Wound transformer	0.33%
4	Power savings through LED	0.61%
5	Energy Savings due to Lower LPD (Lighting Load)	3.99%
6	Time switch control for parking lighting	0.06%
7	Energy saving due to VFD drives	1.46%
8	Power factor maintenance	5.00%
9	Total Energy Saved with above measures	12.44%



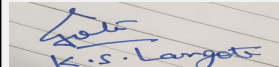
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50.Details of pollution control Systems				
Source	Existing pollution control system		Proposed to be installed	
STP	Not applicable		350 KLD	
OWC	Not applicable		1100 kg	
DG Sets	Not applicable		1500 kVA 4 Nos.	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 5 Lakh		
	O & M cost:	Rs. 1 Lakh/Annum		
51.Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	Water	Purchase of water from external authorized suppliers	10.5	
2	Solid waste	Disposal of Solid Waste from project site	1.5	
3	Landscape	Plantations of saplings around the periphery and maintenance	2.0	
4	Monitoring	Environmental Monitoring -Air, water, Noise	1.0	
5	EMP	EMP cell	4.0	
6	Total	--	19.0	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	--	80.0	7.5
2	Rain Water Harvesting facilities	--	5.0	2.0
3	Landscape Development	--	5.0	5.0
4	Air Pollution Control	--	5.0	1.0
5	OWC	--	3.0	2.5
6	Environmental Monitoring	--	--	1.0
7	EMP Cell	--	--	4.0
8	Total	--	98.0	23.0
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)				



**K.S.Langote (Secretary
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Name: K. S. Anil Kale

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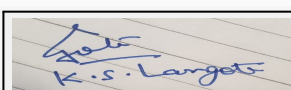
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 No.
Parking details:	Number and area of basement:	3 Basements with 29,644.29 Sqmt area
	Number and area of podia:	NA
	Total Parking area:	34,977.21 Sqmt
	Area per car:	12.50 Sqmt
	Area per car:	12.50 Sqmt
	Number of 2-Wheelers as approved by competent authority:	2834 Nos.
	Number of 4-Wheelers as approved by competent authority:	1182 Nos.
	Public Transport:	No
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Vetal Tekdi Reserved Forest = 12.40 km
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	Not Any
	Other Relevant Informations	--



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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	25-01-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed IT Building, Prestige Alphatech at S.No. 39/2 & 39/2B, P. No. A1+A2+C2-6, Kharadi, Pune. by M/s. Prestige Exora Business Parks Limited.

PP submitted their application for prior Environmental clearance for total plot area of 22637.95 Sq. Mtrs, BUA of 110718 Sq. Mtrs and FSI area of 49709.01 Sq. Mtrs. PP proposes to construct 1 no. residential 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

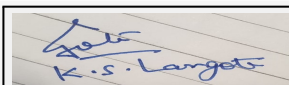
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.
- 2) PP to submit undertaking for sustainable water supply.

FINAL RECOMMENDATION

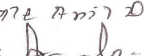
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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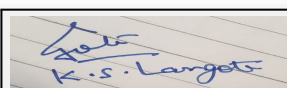
SEAC Meeting number: 71 Meeting Date September 22, 2018

Subject: Environment Clearance for CONSTRUCTION PROJECT S. No. 59(P), Tathawade, Tal. Haveli, Pune 411033, Maharashtra

Is a Violation Case: No

1.Name of Project	Ganga Amber
2.Type of institution	Private
3.Name of Project Proponent	M/s. Shree Siddhivinayak Developers Name : Mr. Annuj Goel
4.Name of Consultant	Goldfinch Engineering System Private Limited
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Amalgamation of two adjacent project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	S. No. 59(P), Tathawade, Tal. Haveli, Pune 411033, Maharashtra
9.Taluka	Mulshi
10.Village	Tathawade
Correspondence Name:	Mr. Annuj Goel
Room Number:	NA
Floor:	NA
Building Name:	GANGA AMBAR S. No. 59(P), Tathawade, Tal. Haveli, Pune 411033, Maharashtra
Road/Street Name:	S. No. 59(P), Tathawade, Tal. Haveli, Pune 411033, Maharashtra
Locality:	Tathawade
City:	Pimpri Chinchwad
11.Area of the project	PCMC
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: PMC / PCMC Plan Sanctioned Approved Built-up Area: 98135.05
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.)	24800.00 sq.mt.
16.Deductions	4369.12 sq.mt.
17.Net Plot area	20430.88 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 44495.66 sq.mt. b) Non FSI area (sq. m.): 53639.39 sq.mt. c) Total BUA area (sq. m.): 98135
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 44495.66 Approved Non FSI area (sq. m.): 53639.39 Date of Approval: 31-07-2017
19.Total ground coverage (m2)	8709.09 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35.12% on total plot area
21.Estimated cost of the project	835900000

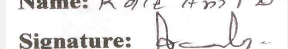
22.Number of buildings & its configuration



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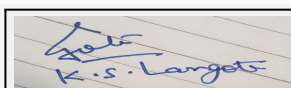
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A - TYPE	P+12	36.00 m
2	B - TYPE	P+12	36.00 m
3	C - TYPE	4P+18	66.85 m
4	D - TYPE	4P+10	43.65 m
5	E - TYPE	4P+18	66.85 m
6	F - TYPE (OLD B TYPE)	P+STILT+12	41.55 m
7	G - TYPE (OLD A TYPE)	P+STILT+12	41.20 m
8	H - TYPE	P+STILT+12	41.20 m
9	I - TYPE	G+11	35.95 m

23.Number of tenants and shops	Tenanment : 779 Nos , Shop 12 Nos
24.Number of expected residents / users	Ressidential = 3895 , Commercial = 112
25.Tenant density per hectare	189/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))	Nearest fire station distance 4.7 km (Hinjewadi Fire Station)
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	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

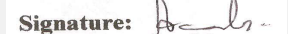


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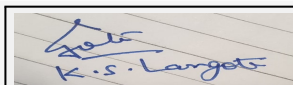
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Dry season:	Source of water	PCMC								
	Fresh water (CMD):	354								
	Recycled water - Flushing (CMD):	178								
	Recycled water - Gardening (CMD):	20								
	Swimming pool make up (Cum):	No								
	Total Water Requirement (CMD) :	552								
	Fire fighting - Underground water tank(CMD):	525								
	Fire fighting - Overhead water tank(CMD):	20 Each Building								
	Excess treated water	298								
Wet season:	Source of water	PCMC								
	Fresh water (CMD):	354								
	Recycled water - Flushing (CMD):	178								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	No								
	Total Water Requirement (CMD) :	318								
	Fire fighting - Underground water tank(CMD):	525								
	Fire fighting - Overhead water tank(CMD):	20 Each Building								
	Excess treated water	NA								
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	NoNt applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



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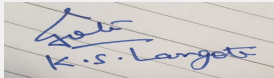
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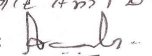
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	15 Nos
	Size of recharge pits :	5m x 3m x 2m
	Budgetary allocation (Capital cost) :	9.5 lacs
	Budgetary allocation (O & M cost) :	1.2 lacs/year
	Details of UGT tanks if any :	"Domestic U/G tank Capacity (cum) : 530 Flushing tank Capacity (cum) : 181cum Fire U/G tank Capacity (cum) : 525"
35.Storm water drainage	Natural water drainage pattern:	E to W
	Quantity of storm water:	886.6cum/hr
	Size of SWD:	250-600 mm
Sewage and Waste water	Sewage generation in KLD:	496
	STP technology:	MBBR
	Capacity of STP (CMD):	550 (Existing STP-100KLD,STP1-150KLD,STP2-145KLD,STP3-155KLD)
	Location & area of the STP:	Near C TYPE Building
	Budgetary allocation (Capital cost):	Existing STP -24lac ;Proposed STP -102.5lacs
	Budgetary allocation (O & M cost):	Existing STP-6.5lac/yr ;Proposed STP -24 lacs/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	59KG
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	692.825 KG
	Wet waste:	1115.675 KG
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	38.2 kg
	Others if any:	NA


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Mode of Disposal of waste:	Dry waste:	Dry waste will be sent for recycling to SWACH
	Wet waste:	Wet waste will be converting to composting for by OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP sludge sent to SWM site for converting in to compost
	Others if any:	NA
Area requirement:	Location(s):	Near to STP
	Area for the storage of waste & other material:	40 Sqm
	Area for machinery:	36 Sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	23.49 Lacs
	O & M cost:	6.54 Lacs

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

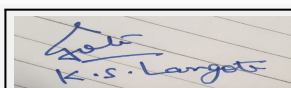
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 :	3095.62 Sqm
	No of trees to be cut :	NO
	Number of trees to be planted :	286
	List of proposed native trees :	LIST MENTIONED BELOW
	Timeline for completion of plantation :	Before 1 year construction

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

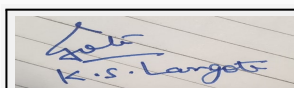
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anthoceph alluscadamba	kadamb	52	Good for road side plantation and provide shade
2	Albzialeb beck	Shirish	39	Good for road side plantation and provide shade
3	Saracaindica	Sita Ashok	39	Spreading , evergreen tree suitable for all types of garden
4	Azadir achaindica	Neem	40	Good for restoration of dryer part, good for air purifier and have medicinal properties
5	Murryap aniculata	Kunti	35	Good for arnamental purpose
6	Michelia Champaka	Son chafa	36	Good for arnamental purpose
7	Langerstromiaflos-regineae	Tamhan	45	Good as a avenue tree, good for group planting around water gardens and ponds.

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 Nerifolia	0.9	80.31 sq m
2	Stachytarpheta	0.45	80.31 sq m
3	plumbbago zeylanic	0.6	80.31 sq m
4	acorus calamus	0.45	80.31 sq m
5	Korphad	0.6	80.31 sq m
6	Ocimum sanctum	0.45	80.31 sq m
7	Cymbopogon floxosus	0.45	80.31 sq m
8	Hibiscus	0.75	80.31 sq m
9	Nerium oleander	0.9	80.31 sq m
10	Gokarana	0.6	80.31 sq m

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	82.5 KW
	During Operation phase (Connected load):	3732 KW
	During Operation phase (Demand load):	1941 KW
	Transformer:	1) 3 nos. of 630 KVA 2)1 nos. 315 KVA
	DG set as Power back-up during operation phase:	1) 1 NO. OF 125 KVA 2) 1 NO. OF 160 KVA
	Fuel used:	1) 160 KVA DG-27.7 LIT/HR@75% LOADING 2)125 KVA DG-20.2 LIT/HR@ 75% LOADING
	Details of high tension line passing through the plot if any:	No

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
 Solar PV Panel power for common area lighting.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV panel , Timer Logic Controller, Electronic V3F drive for Lifts, Solar Water Heater	17.04 %

50. Details of pollution control Systems

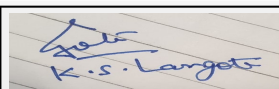
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	153.88 lacs
	O & M cost:	6.05 lac

51. Environmental Management plan Budgetary Allocation

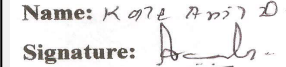
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water	Dust Suppression	0.7
2	Site Sanitation, Health Check Up & Safety	Health & Safety	1.0
3	Environmental Monitoring	Air, Water, Noise Soil	0.4

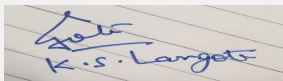

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4	NA	NA	NA				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Air, water, Noise, Soil	Post Project Environment Monitoring	0	0.125			
2	Water	Rainwater Harvesting	9.5 lacs	1.2 lacs/year			
3	Wastewater	Sewage Treatment Plant	126.5lacs	30.5 lacs/Year			
4	Municipal Solid waste	Solid waste Management	23.49	6.54			
5	Plantation	Landscaping	10.14	2.08			
6	Energy	Energy Savings	153.88 lacs	6.05 lac			
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:		No					



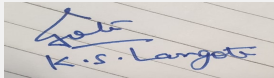
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Parking details:	Number and area of basement:	No
	Number and area of podia:	4 nos
	Total Parking area:	18753.40 Sqm
	Area per car:	30 Sqm & 25 Sqm
	Area per car:	30 Sqm & 25 Sqm
	Number of 2-Wheelers as approved by competent authority:	1582 Nos
	Number of 4-Wheelers as approved by competent authority:	398 Nos
	Public Transport:	Available near to side
	Width of all Internal roads (m):	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	B2
	Court cases pending if any	NO
	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 Construction Project at. No. 59(P), Tathawade, Tal. Haveli, Pune by M/s. Shree Siddhivinayak Developers.

PP submitted their application for prior Environmental clearance for total plot area of 24800.00 Sq. Mtrs, FSI area of 44495.66 Sq. Mtrs, Non FSI area of 53639.39 Sq.m and total BUA of 98,135 Sq. Mtrs. PP proposes to construct 9 residential 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

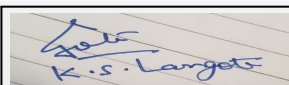
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP has stated that until and unless storm water drain / sewerage line NOC and sustainable water supply is ensured, no occupation will be given. PP to submit undertaking for the same.
- 2) PP to submit phase wise development plan considering wind rose diagram along with mitigation measures to avoid inconvenience to resident.
- 3) PP to submit revised disaster management plan with disaster management committee.
- 4) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dated 01.05.2018 with details of fund utilization & agreement with executor.
- 5) PP to submit site specific EMP with costing.
- 6) PP to submit debris management plan.
- 7) PP to submit NOCs for water supply, E-waste and CFO
- 8) PP to submit NOC from adjoining plot owner as SWD & sewer line passing through their plot.
- 9) PP to submit revised drawing of SWD up to disposal line along with chamber details, silt chamber also submit details of RWH recharge pit.
- 10) PP to submit details of socio-economic infrastructure within vicinity.

FINAL RECOMMENDATION

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



**K.S.Langote (Secretary
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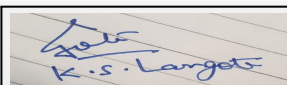
71 st meeting of SEAC-3 (Day-3)

SEAC Meeting number: 71 Meeting Date September 22, 2018

Subject: Environment Clearance for Housing Project " Velstand " , Survey No 8/3+9/1/1+9/1/19, Shop No 3, Velstand Building next to Vodafone store, Opp. Reliance Mart Kharadi Pune 411014

Is a Violation Case: No

1.Name of Project	" Velstand "
2.Type of institution	Private
3.Name of Project Proponent	Mr. Surendra Bapusaheb Pathare
4.Name of Consultant	Mrs. Anuja Karhu Goldfinch Engineering System Private Limited Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area, MIDC (Wagle Estate), Thane (W) - 400 604., Maharashtra, India. PH: 91-22-2580 1529/21/46 Accreditation No : NABET/EIA/1518/RA0066
5.Type of project	Hosing
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	Structure exist as per previous sanction
8.Location of the project	Survey No 8/3+9/1/1+9/1/19, Shop No 3, Velstand Building next to Vodafone store, Opp. Reliance Mart Kharadi Pune 411014
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	---
Room Number:	Shop No 3,
Floor:	---
Building Name:	Velstand
Road/Street Name:	Kharadi Bypas
Locality:	Kharadi
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In Process IOD/IOA/Concession/Plan Approval Number: In Process Approved Built-up Area: 34899.71
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.)	12537.00 sq.mt.
16.Deductions	5083.68 sq.mt.
17.Net Plot area	7,453.32 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 16,525.41 sq.mt. b) Non FSI area (sq. m.): 18374.30 sq.mt. c) Total BUA area (sq. m.): 34899.71
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 16525.41 sq.mt. Approved Non FSI area (sq. m.): 18374.30 sq.mt. Date of Approval: 31-07-2017
19.Total ground coverage (m2)	3218.74 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43.18%
21.Estimated cost of the project	891000000

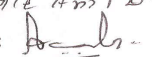


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22. Number of buildings & its configuration

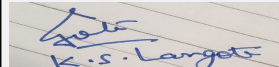
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A Type	Ground Floor, B+G+22 FLOORS	69.00 m
2	B Type	Ground Floor, First & Second Floor, B+G+22 FLOORS	69.00 m
3	Exiting Bungalow -1	GROUND	3.60 m
4	Exiting Bungalow -2	GR+02 FLOOR	9.60 m

23. Number of tenants and shops	Tenement : 152 Nos , Shop 10 Nos , Office : 32
24. Number of expected residents / users	1301 Nos
25. Tenant density per hectare	111/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))	Nearest fire station distance 10.4 km (Fire Brigade)
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29. Existing structure (s) if any	Yes , As Per Previous Sanction
30. Details of the demolition with disposal (If applicable)	Yes

31. Production Details

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

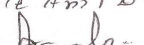
32. Total Water Requirement



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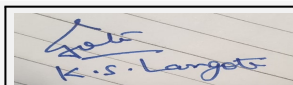
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Dry season:	Source of water	PMC							
	Fresh water (CMD):	88.22							
	Recycled water - Flushing (CMD):	47.73							
	Recycled water - Gardening (CMD):	10.00							
	Swimming pool make up (Cum):	4							
	Total Water Requirement (CMD) :	146.95							
	Fire fighting - Underground water tank(CMD):	100							
	Fire fighting - Overhead water tank(CMD):	25 EACH							
	Excess treated water	56.53							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	88.22							
	Recycled water - Flushing (CMD):	47.73							
	Recycled water - Gardening (CMD):	---							
	Swimming pool make up (Cum):	4							
	Total Water Requirement (CMD) :	136.95							
	Fire fighting - Underground water tank(CMD):	100							
	Fire fighting - Overhead water tank(CMD):	25 EACH							
	Excess treated water	66.53							
Details of Swimming pool (If any)	Dimension of Swimming Pool : 10 X 5 m Total Water Requirement in KLD : 60.96 Water requirement for make up in KLD : 4								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



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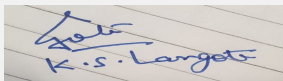
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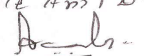
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	6 To 8 M
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	3 Nos
	Size of recharge pits :	1.5 X 1.5 X 1.5
	Budgetary allocation (Capital cost) :	6.00 Lacs
	Budgetary allocation (O & M cost) :	0.2 Lacs/Year
	Details of UGT tanks if any :	Domestic UG tank Capacity : 135 Cum Flushing UG tank Capacity : 60 Cum (including landscape)
35.Storm water drainage	Natural water drainage pattern:	AS PER DRAWINGS
	Quantity of storm water:	291.32 M3 /HR
	Size of SWD:	DIA 450 MM
Sewage and Waste water	Sewage generation in KLD:	114.26
	STP technology:	MBBR
	Capacity of STP (CMD):	120
	Location & area of the STP:	Near By A Type Building
	Budgetary allocation (Capital cost):	39.36 Lacs
	Budgetary allocation (O & M cost):	7.9 Lacs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	No
	Disposal of the construction waste debris:	No
Waste generation in the operation Phase:	Dry waste:	227 kg
	Wet waste:	258 kg
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	69.10 kg
	Others if any:	Not Applicable


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Mode of Disposal of waste:	Dry waste:	Dry waste will be sent for recycling to agency Swatch
	Wet waste:	Wet waste will be converting to composting for by OWC
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	STP sludge sent to SWM site for converting in to compost
	Others if any:	No
Area requirement:	Location(s):	Near Open Space
	Area for the storage of waste & other material:	8.75 sqm
	Area for machinery:	33 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	12.75 lacs
	O & M cost:	2.44 lacs

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

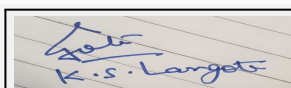
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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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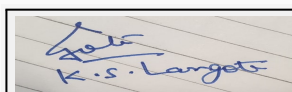
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Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	1097.31
	No of trees to be cut :	No
	Number of trees to be planted :	155
	List of proposed native trees :	List Given Below
	Timeline for completion of plantation :	1 Year before completion of work

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	Michellia champaca	Sonchaffa	10	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
2	Albizia lebek	Shirish	10	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
3	Anthocephalus kadamba	Kadamb	10	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.
4	Azardirachta indica	Neem	10	Medicinal value, To control soil erosion. To improve soil erosion
5	Bauhinia blackiana	Kanchanraj	12	---
6	Butea monosperma	Palas	10	---
7	Cassia fistula	Bahawa	10	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
8	Pongamia pinnata	Karanj	10	Medicinal value, Drought tolerant species, To control soil erosion. Hardy plant.
9	Cordia dichotoma	Bhokar	10	Medicinal value, Edible fruits,
10	Dalbbergia sisoo	Shisav	10	Medicinal value, Bird attracting species ,
11	Elaeocarpus sphaericus	Rudraksh	12	---
12	Schelicherra oleasa	Kusum	05	---
13	Ficus microcarpa	Nandruk	09	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
14	Phyllanthus emblica	Awala	10	Medicinal value
15	Mangifera indica	Mango	06	Edible fruit, Bird attracting species.
16	Nyctanthus arbortristis	Parijatak	06	---
17	Mimosups elengii	Bakul	05	---

45.Total quantity of plants on ground



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

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30KW
	DG set as Power back-up during construction phase	45 KVA
	During Operation phase (Connected load):	1683KW/1870 KVA
	During Operation phase (Demand load):	1496KVA
	Transformer:	22 KV /630 KVA - 1 No & 22 KV / 315 KVA - 1 No
	DG set as Power back-up during operation phase:	180 KVA
	Fuel used:	For 75 % Load - 29.8 Liters / Hr - 11.74 Hrs Working
Details of high tension line passing through the plot if any:	No	

48.Energy saving by non-conventional method:

- 1 Solar Water Heating Systems Will Be Done For Bathrooms.
- 2 Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- 3 CFL & LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.
- 4 Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.
- 5 Water Level Controllers With Timers will be Used for Water Pumps.
- 6 To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED Lights.

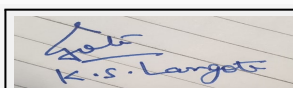
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	A) TOTAL Annual Savings in KWH for Solar Power, Hot Water	19.30%
2	B) TOTAL Annual Savings in KWH For Solar Power & Solar Hot Water Details	15.50%

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:	26.20 Lacks
	O & M cost:	0.53 Lacks / year



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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	Dust Suppression	0.7
2	Site Sanitation, Health Check Up & Safety	Health & Safety	1.0
3	Environmental Monitoring	Air, Water, Noise Soil	0.4

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air, water, Noise, Soil	Post Project Environment Monitoring	0.00	0.125
2	Water	Rainwater Harvesting	6.00	0.2
3	Wastewater	Sewage Treatment Plant	39.36	7.9
4	Municipal Solid waste	Solid waste Management	12.75	2.44
5	Plantation	Landscaping	41.82	6.69
6	Energy	Energy Savings	26.20	0.53

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

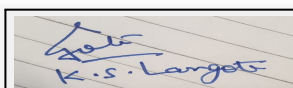
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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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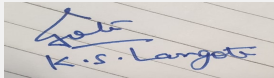
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Parking details:	Number and area of basement:	01
	Number and area of podia:	02
	Total Parking area:	8817.6Sq.m. For Cycle 396 X 0.70 =277.20 sq.m
	Area per car:	35.00 &30.00 Sq.m.
	Area per car:	35.00 &30.00 Sq.m.
	Number of 2-Wheelers as approved by competent authority:	512 Nos
	Number of 4-Wheelers as approved by competent authority:	284 Nos
	Public Transport:	Available near to side
	Width of all Internal roads (m):	9.00 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	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 Housing Project “ Velstand “ , Survey No 8/3+9/1/1+9/1/19, Shop No 3, Velstand Building next to Vodafone store, Opp. Reliance Mart Kharadi Pune.by Mr. Surendra Bapusaheb Pathare.

PP submitted their application for prior Environmental clearance for total plot area of 12537.00 Sq. Mtrs, FSI area of 16,525.41 Sq. Mtrs, Non FSI area of 18374.30 Sq.m and total BUA of 34899.71 Sq. Mtrs. PP proposes to construct A and B Type of residential 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

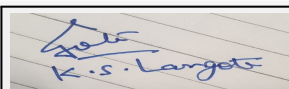
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions

Specific Conditions by SEAC:

- 1) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.
- 2) PP to submit details of socio economic infrastructure near project vicinity.
- 3) PP to submit mitigation plan to avoid inconvenience to the existing occupants due to proposed work as addition floors are proposed over existing building as part occupation certificate has been granted.

FINAL RECOMMENDATION

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



**K.S.Langote (Secretary
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71 st meeting of SEAC-3 (Day-3)

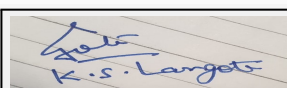
SEAC Meeting number: 71 Meeting Date September 22, 2018

Subject: Environment Clearance for EXPANSION IN ENVIRONMENTAL CLEARANCE OF COMMERCIAL DEVELOPMENT PROJECT

Is a Violation Case: No

1.Name of Project	WESTEND . Expansion in Environmental Clearance of Commercial Project EC file no. 21-90/2016-1A.III dated 30.08.2017
2.Type of institution	Private
3.Name of Project Proponent	Ms. Ashwini Oak
4.Name of Consultant	SGM Corporate Consultants Pvt. Ltd.
5.Type of project	Commercial Project (Mall Multiplex and IT Offices development)
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion In Environment Clearance
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. First EC granted vide letter EC file no. 21-366/ 2007-1A.III dated 07.12.2007. EC validity was extended up to 07-12- 2017 by SEIAA on 11-06- 2014 and thereafter, amendment to EC was granted by MoEF (File no. 21-90/2016- 1A.III) dated 30.08.2017
8.Location of the project	S .No. 169/1, Sector I & II (part), Aundh, Pune-411007
9.Taluka	Haveli
10.Village	Aundh
Correspondence Name:	Ms. Ashwini Oak
Room Number:	-
Floor:	-
Building Name:	Sumashilp
Road/Street Name:	-
Locality:	93/5A , Erandawane, Pune-411004
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable. Building plans have been approved by Pune Municipal Corporation IOD/IOA/Concession/Plan Approval Number: CC/3601/17 dated 27.3.2018 Approved Built-up Area: 105368
13.Note on the initiated work (If applicable)	The work is under progress as per EC granted
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	29500 sq.m.
16.Deductions	-
17.Net Plot area	-
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 71,323 b) Non FSI area (sq. m.): 34,045 c) Total BUA area (sq. m.): 105368
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 71,323 Approved Non FSI area (sq. m.): 34,045 Date of Approval: 27-03-2018
19.Total ground coverage (m2)	8,634.21
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35%
21.Estimated cost of the project	5200000000

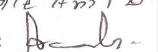
22.Number of buildings & its configuration



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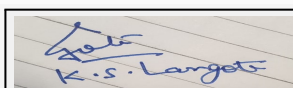
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	Existing: 2 Basement + Ground North + Ground South + Higher Ground Floor + First Floor + Second Floor + Third Floor (Part) Completion Certificate from PMC is received for above mentioned areas. Proposed Third Floor (Part) to 12 th Floor	69.925 m	
2	Building B	Existing: (IT building) 3 basements + Ground + 7 Floor Proposed 8 th Floor to 11 th Floor	48.90 m	
23.Number of tenants and shops		193 Nos		
24.Number of expected residents / users		Building A - 7,800 Nos Building B - 2,260 Nos Total (Bldg A+B = 10,060) Nos		
25.Tenant density per hectare		Not Applicable		
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 wide D.P Road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		Minimum 7.5 m		
29.Existing structure (s) if any		Sector I Building A : 2 Basement + Ground North + Ground South + Higher Ground Floor + First Floor + Second Floor + Third Floor (Part) Completion Certificate from PMC is received for above mentioned areas. Sector II Building B : (IT building) 3 basements + Ground + 7 Floor Completion Certificate from PMC is received for above mentioned areas.		
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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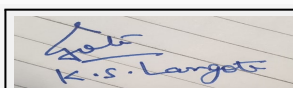
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Dry season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	236							
	Recycled water - Flushing (CMD):	252							
	Recycled water - Gardening (CMD):	30							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	638							
	Fire fighting - Underground water tank(CMD):	599							
	Fire fighting - Overhead water tank(CMD):	97.45							
	Excess treated water	25							
Wet season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	236							
	Recycled water - Flushing (CMD):	252							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	Not applicable							
	Total Water Requirement (CMD) :	608							
	Fire fighting - Underground water tank(CMD):	599							
	Fire fighting - Overhead water tank(CMD):	97.45							
	Excess treated water	55							
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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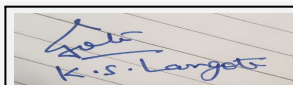
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	18 m
	Size and no of RWH tank(s) and Quantity:	No separate water tank is constructed for RWH. Recharge pits are provided
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Sector 1: 5 pits; Sector 2: 15 pits; Total: 20 pits
	Size of recharge pits :	2m × 2m × 2m
	Budgetary allocation (Capital cost) :	18 Lakh
	Budgetary allocation (O & M cost) :	1.2 Lakh
	Details of UGT tanks if any :	UGT Capacity : Building A Fire= 339 m ³ /day; Domestic: 855 m ³ /day; Building B Fire= 260 m ³ /day; Domestic: 504 m ³ /day;

35.Storm water drainage	Natural water drainage pattern:	Yes
	Quantity of storm water:	0.18347 cubic meter/second
	Size of SWD:	300 mm

Sewage and Waste water	Sewage generation in KLD:	450
	STP technology:	Fluidised Media Bio Reactor
	Capacity of STP (CMD):	2 STP (1 STP for Building A of 500 m ³ /day + 1STP of Building B of 100 m ³ /day) Total capacity 600m ³ /day
	Location & area of the STP:	Ground; Area: 361 sq.m
	Budgetary allocation (Capital cost):	95 Lakh
	Budgetary allocation (O & M cost):	12 Lakh

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	About 300 kg/day
	Disposal of the construction waste debris:	Construction debris will be recycled and utilized on the same site. No hazardous waste is involved
Waste generation in the operation Phase:	Dry waste:	684 kg/day
	Wet waste:	1,127 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	4 m ³ /day
	Others if any:	Inert Waste: 201 kg/day



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Mode of Disposal of waste:	Dry waste:	Non-biodegradable/ Inert waste will be sold to authorized recycler and PMC
	Wet waste:	Will be composted in OWC
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Manure
	Others if any:	Not applicable
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	75 sq.m
	Area for machinery:	25 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	15 Lakh
	O & M cost:	06 Lakh

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

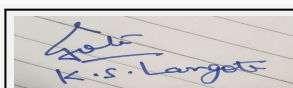
39. Stacks emission Details

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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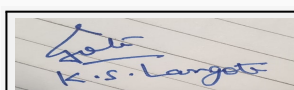
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43.Green Belt Development	Total RG area :	Sector I: 2,575 sq.m Sector II (Part): 3,436 sq.m Total RG provided at the site is 6011 sq.m.
	No of trees to be cut :	NIL
	Number of trees to be planted :	Trees are already planted at the site. Building A: 225nos Building B: 501 nos. Total 726 Nos of trees
	List of proposed native trees :	All the trees planted are native to the area
	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	Ziziphus mauritiana	Bor	9	It's a spiny evergreen fruit bearing tree upto 15m height, with trunk 40cm or more, spreading crown. The fruit is eaten raw, pickled or used in beverages.
2	Magnolia champaca	Sonchafa	42	Fragrant flowers and timber used in wood working
3	Leucaena leucocephala	Su Babhul	58	Used for firewood, fiber and livestock farming
4	Acasia	Acasia	31	Sap from acacia tree known as acacia gum is used for medicinal purpose
5	Pithecellobium dulce	Vilayati Chinch	10	It's a drought resistant tree. The tree bears edible bean, the extracts from the leaves can be used as medicines.
6	Plumeria	Chafa	37	Medicinal plant. The flower extracts is used as fragrance
7	Azadirachta indica	Kadunimb	8	A high valued Medicinal plant
8	Arecaceae	Palm	40	Flowering plant
9	Swietenia mahagoni	Mohagani	59	Ornamental tree
10	Callistemon	Bottle grass	29	Flowering plant. They can be grown in pots
11	Gatterpal	Gatterpal	3	Ornamental tree
12	Delonix regia	Gulmohar	1	Flowering tree, the wood from the tree is employed for local agricultural implements, handles for carpentry tools, combs, etc
13	Ficus benjamina	Ficus	4	Decorative plant
14	Bambusoideae	Bamboo	159	For construction purpose and as ornamental plant
15	Tikoma	Tikoma	204	Decorative plant
16	Silver Oak	Silver Oak	29	Decorative plant
17	Coconut	Coconut	1	Fruit bearing
18	Kanchan	Kanchan	1	Decorative plant
19	Chinch	Chinch	1	Fruit bearing



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45.Total quantity of plants on ground	
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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)	75 kVA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	Building A: 11,245 KW Building B: 8,692 KW
	During Operation phase (Demand load):	Building A: 7,900 KVA Building B: 6,330 KVA
	Transformer:	Building A : 1X1250kVA, 3X2000kVA, 3X1000kVA Building B : 1X750kVA, 1X1600kVA, 2X1250kVA, 1X2000kVA
	DG set as Power back-up during operation phase:	12 DG sets of 4X2000 kVA, 2X1250kVA, 1X625kVA, 2X1010kVA, 3X600kVA capacity
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:

Power Capacitors are proposed for load power factor correction and to maintain a healthy power situation. This also results in less demand load factor for the project.

Most of the common area lighting are proposed to work on high energy efficient lamps(LED) as specified in bureau of energy efficiency which again results in saving in general consumption.

External & Common lighting is proposed on LED Lamps which results in 40% saving in consumption. These are set of lighting which are placed at critical junctions and which would be lit round the night. Low loss Transformers due to which 6.22% losses are saved against conventional transformer.

The glasses used along the periphery of the building are hi efficiency & ceramic fritted which reduces/reflect the heat & allows maximum sunlight inside the building.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED lighting, energy efficient lift (total saving in common areas)	46.58 % saving

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:	160 Lakh
	O & M cost:	8 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 Spray	Dust Supression	06
2	Site sanitation	Toilets,safe drinking water, septic tank	15
3	Environmental Monitoring	Environmental Monitoring	06
4	Disinfection	Disinfection	04
5	Health Checkup and First aid	Health Checkup and First aid	03
6	Safety & PPE	Safety personal protective equipments	03
7	Safety nets	Safety nets	06
8	Storm water management	Storm water management	03

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 treatment	95	12
2	Rain water harvesting	RWH pits	18	1.2
3	Solid waste management	Mechanical Composting	15	06
4	Fire fighting	Fire fighting equipments	375	14
5	Landscape development	Plantation	40	05
6	Solar lighting & Energy	LED lights, VFD lights etc	160	08
7	Disaster Management Plan	-	886	50
8	Total	-	1,589	96.2

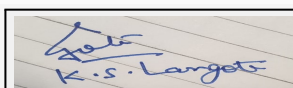
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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



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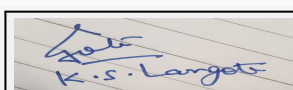
Shri. Anil Kale (Chairman SEAC-III)

	Nos. of the junction to the main road & design of confluence:	Two
Parking details:	Number and area of basement:	Building A - 2 Basements; Building B - 3 Basements Area - Appx. 40,000 sq.mtrs. (excluding services)
	Number and area of podia:	Not applicable
	Total Parking area:	Appx. 40,000 sq.mtrs (excluding services)
	Area per car:	About 26 sq.m.
	Area per car:	About 26 sq.m.
	Number of 2-Wheelers as approved by competent authority:	5,341
	Number of 4-Wheelers as approved by competent authority:	1,899 1535 Basement + 364 Open (Parking will be provided in three shifts, 633 parking per shift)
	Public Transport:	The site is well connected to the public transport infrastructure. For category C & D employees buses will be provided.
	Width of all Internal roads (m):	6 & 9 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 (a) category "Building and Construction Projects"
	Court cases pending if any	1. Execution application No.08/2016 in Appeal no 48/2014 related to noise. The application is pending. 2. Appeal No 96/2015 - Speaking order of SEIAA extending the EC has been challenged. The application is pending. 3. Appeal No 165/2016 - Related to noise pollution caused by Building A. The application is pending. 4. Appeal No 108/2017 - Amended EC has been challenged, which is currently pending for delay condonation application.
	Other Relevant Informations	1) Recycled water (cooling) : 120 CMD (Total water consumption: Dry Season- 638 CMD; Total water consumption: Wet season- 608 CMD)
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	12-12-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

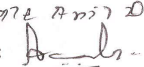
Brief information of the project by SEAC



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Environment Clearance for Expansion of Commercial development project at S .No. 169/1, Sector I & II (part), Aundh, Pune by Ms. Ashwini Oak (WESTEND).

PP submitted their application for expansion in earlier Environmental clearance for total plot area of 29500 Sq. Mtrs, BUA of 105368 Sq. Mtrs and FSI area of 71323 Sq. Mtrs. PP proposes to construct 2 no commercial building (Mall, Multiplex & IT offices).

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

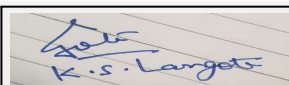
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit water NOC.
- 2) PP to submit energy saving calculations along with terrace area calculations.

FINAL RECOMMENDATION

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



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71 st meeting of SEAC-3 (Day-3)

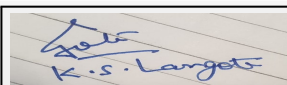
SEAC Meeting number: 71 Meeting Date September 22, 2018

Subject: Environment Clearance for Construction of EWS (PMAY) LIG and HIG (RH) Type Buildings at S.No. 116/1 to 5 at Mauza Waddhamna, Nagpur.

Is a Violation Case: No

1.Name of Project	Construction of EWS (PMAY) LIG and HIG (RH) Type Buildings
2.Type of institution	Government
3.Name of Project Proponent	Nagpur Housing and Area Development Board (A MHADA Unit)
4.Name of Consultant	Fine Envirotech Engineers
5.Type of project	MHADA
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environmental clearance obtained from Environment Department, Maharashtra on 6th February 2017 vide letter no: SEAC II-2014/CR-249/TC-3
8.Location of the project	S.No. 116/1 to 5 at Mauza Waddhamna, Nagpur.
9.Taluka	Mauza
10.Village	Waddhamna
Correspondence Name:	Nagpur Housing and Area Development Board (A MHADA Unit)
Room Number:	NA
Floor:	NA
Building Name:	Gruha Nirman Bhawan
Road/Street Name:	Temple Road
Locality:	Civil Line
City:	Nagpur
11.Area of the project	Nagpur Improvement Trust (NIT), Nagpur
12.IOD/IOA/Concession/Plan Approval Number	Plan is approved by Nagpur Metropolitan Region Development Authority dated: 27/04/2018 IOD/IOA/Concession/Plan Approval Number: KA.ABHI/E.ABHI/222 Approved Built-up Area: 81926.368
13.Note on the initiated work (If applicable)	Total constructed area: 16872.42 sq.mt (FSI area :15,827.68 sq.mt and non FSI area -1044.74 sq.mt)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	90879.891 sq.mt.
16.Deductions	36342.041 sq.mt.
17.Net Plot area	54537.85 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 81926.368 sq.mt b) Non FSI area (sq. m.): 4835.11 sq.mt c) Total BUA area (sq. m.): 86761.478
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 1,36,344.625 Approved Non FSI area (sq. m.): Date of Approval: 27-04-2018
19.Total ground coverage (m2)	14315.44 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.97 %
21.Estimated cost of the project	982900000

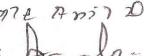
22.Number of buildings & its configuration



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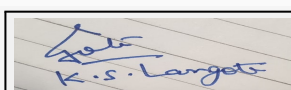
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	LIG-R (1 Wing) - Existing	G +7	23.97
2	LIG-R+SH (3 Wings) - Existing	G/SH +7	23.97
3	RO-HS (2 Wings) - Existing	G+1	7.40
4	LIG-R (4 Wings) -Proposed	S+7	23.83
5	EWS-1 (7 Wings) - Proposed	G+7	23.98
6	EWS -2 (7 Wings) - Proposed	G+7	23.98
7	RO-HS (2 Wings) - Proposed	G+1	7.40
8	Convenient Shopping (1 Wing)-Proposed	G	4.35

23.Number of tenants and shops	Residential Tenements- 1591 nos. Shops - 32 nos.
24.Number of expected residents / users	Residents - 7955 nos. Shop users- 96 nos.
25.Tenant density per hectare	116.69 nos.
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 m wide road and 12 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	LIG-R (1 Wing) - G+7, LIG-R+SH (3 Wings) - G/SH +7 , RO-HS (2 Wings) - G+1
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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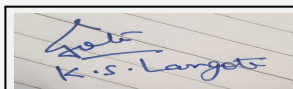
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Dry season:	Source of water	Nagpur Improvement Trust (NIT)							
	Fresh water (CMD):	718							
	Recycled water - Flushing (CMD):	360							
	Recycled water - Gardening (CMD):	36							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	1114							
	Fire fighting - Underground water tank(CMD):	600							
	Fire fighting - Overhead water tank(CMD):	260							
	Excess treated water	380							
Wet season:	Source of water	Nagpur Improvement Trust (NIT)							
	Fresh water (CMD):	718							
	Recycled water - Flushing (CMD):	360							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	1078							
	Fire fighting - Underground water tank(CMD):	600							
	Fire fighting - Overhead water tank(CMD):	260							
	Excess treated water	416							
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



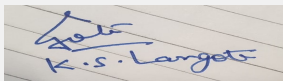
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3m to 5m below ground
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	7 nos.
	Size of recharge pits :	3.5m x 1.8 m
	Budgetary allocation (Capital cost) :	35 Lakhs
	Budgetary allocation (O & M cost) :	3.5 Lakhs /year
	Details of UGT tanks if any :	Domestic tank total capacity - 359 kld Flushing tank total capacity -180 kld Fire water tank total capacity - 600 kld
35.Storm water drainage	Natural water drainage pattern:	Pipe storm water drain with collection chamber connected to existing Nallah
	Quantity of storm water:	60.57 m3/min
	Size of SWD:	300 / 450 / 600 /750 900 mm dia. Pipe
Sewage and Waste water	Sewage generation in KLD:	862 kld
	STP technology:	MBBR
	Capacity of STP (CMD):	2 STP of total capacity 900 kld (1 no. of STP of capacity 750 kld and 1 no. of STP of capacity 150 kld)
	Location & area of the STP:	Location of STP on Ground area - 960.75 sq.mt.
	Budgetary allocation (Capital cost):	210 Lakhs
	Budgetary allocation (O & M cost):	36 Lakhs / year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Waste will be generated during excavation and other construction activities
	Disposal of the construction waste debris:	Excavated materials shall be used for backfilling, leveling and remaining will be disposed by handed over to authorized contractor.
Waste generation in the operation Phase:	Dry waste:	1608 kg/day
	Wet waste:	2662 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	81 kg/day
	Others if any:	NA



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Mode of Disposal of waste:	Dry waste:	Dry wastes will be handed over to authorized agency/recycler
	Wet waste:	Wet waste will be processed in the organic waste converter and manure generated shall be used for gardening purposes
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure for gardening
	Others if any:	NA
Area requirement:	Location(s):	Open Ground
	Area for the storage of waste & other material:	120 sq.mt
	Area for machinery:	30 sq.mt
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	50 Lakhs
	O & M cost:	13 Lakhs / year

37.Effluent Charecterestics

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

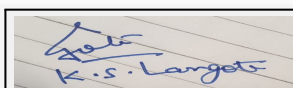
39.Stacks emission Details

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 :	7239.59 sq.mt
	No of trees to be cut :	6 nos.
	Number of trees to be planted :	1135 nos.
	List of proposed native trees :	Shirish, Neem, Sita Ashok, Karanj, Nandruk, Kadamb, Apta, Bakul, Sitaphal, Mango, Parijatak and Kunti.
	Timeline for completion of plantation :	2 Years

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

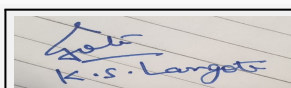
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	130	Shady tree, yellowish green fragrant flowers
2	Azadiracta indica	Neem	40	Large tree, good for roadside plantation
3	Saraca asoka	Sita Ashok	150	Shady tree with red-yellow flowers
4	Pongamia pinnata	Karanj	70	Shady tree
5	Ficus retusa	Nandruk	80	Medium sized evergreen tree, Shady tree.
6	Anthocephallus cadamba	Kadamb	80	Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers
7	Bauhinia racemosa	Apta	125	Small tree with small white flowers, Butterfly host plant
8	Mimusops elengi	Bakul	80	Shady tree, small white fragrant flowers
9	Annona squamosa	Sitaphal	60	Fruit bearing tree
10	Mangifera indica	Mango	50	Fruit bearing tree
11	Nyctanthes arbor-tristis	Parijatak	135	Small deciduous fast growing tree, beautiful flowers
12	Murraya paniculata	Kunti	135	Small tree, Fragrant white flowers, Butterfly host plant

45.Total quantity of plants on ground

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

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

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	300 KW
	DG set as Power back-up during construction phase	2 nos. of 125 KVA
	During Operation phase (Connected load):	4861.51 KW
	During Operation phase (Demand load):	3174.85 KW
	Transformer:	2 nos of 315 KVA, 2 nos of 200 KVA and 5 nos of 630 KVA
	DG set as Power back-up during operation phase:	3 nos of 160 KVA, 1 no of 125 KVA and 1 no of 100 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	HT line is passing from North side corner of plot and no construction will be proposed on the land affected by HT Line and its buffer zone.

48. Energy saving by non-conventional method:

By using 28 watt T5 Tube Light in place of 40 watt Tube Light.
By using VVVF drive for lifts.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	By using 28 watt T5 Tube Light in place of 40 watt Tube Light.	30
2	By using VVVF drive for lift	35

50. Details of pollution control Systems

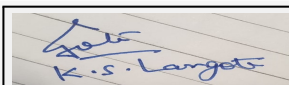
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	40 Lakhs
	O & M cost:	5 Lakhs / year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Site Safety	Barricading and dust suppression	4
2	Sanitary facility and waste water management	Water	7
3	Solid waste management	Solid waste	5

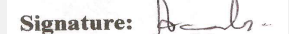


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4	Occupation health and safety	Health checkup of workers, disinfection at site, first aid facility, personal protective equipment	6
5	Environmental Monitoring	Air, Noise, Water, Biological	8

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment plant	1 STP of 750 kld and 1 STP of 400 kld	210	36
2	Rain Water Harvesting System	7 nos. of recharge pits	35	3.5
3	Solid Waste Management	OWC, Manpower and colored dustbins	50	13
4	Green Belt Development	Landscaping and tree plantation	25	5
5	Energy Saving Measures	T5 tube lights and VVVF drive	40	5

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

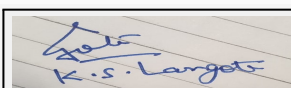
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

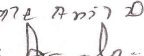
Nos. of the junction to the main road & design of confluence:	Separate entry and exit points
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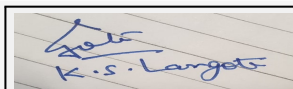
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	16842.35 sq.mt. (Car -10892.50 sq.mt, Scooter-4712.65 sq.mt, Cycle -1237.20 sq.mt)
	Area per car:	26.37 sq.mt
	Area per car:	26.37 sq.mt
	Number of 2-Wheelers as approved by competent authority:	2112 nos.
	Number of 4-Wheelers as approved by competent authority:	384 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	12m, 9m , 6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a) -B2 Category
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	23-05-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



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Environment Clearance for Construction of EWS (PMAY) LIG and HIG (RH) Type Buildings at S.No. 116/1 to 5 at Mauza Waddhamna,Nagpur.by Nagpur Housing and Area Development Board (A MHADA Unit).

PP submitted their application for prior Environmental clearance for total plot area of 90879.891 Sq. Mtrs, FSI area of 81926.368 Sq. Mtrs, Non FSI area of 4835.11 Sq.m and total BUA of 86761.478 Sq. Mtrs. PP proposes to construct total 4 residential buildings with 1 Convenient Shopping (1 Wing).

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

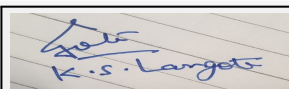
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit energy saving calculations along with terrace area calculations.
- 2) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dated 01.05.2018 with details of fund utilization & agreement with executor.
- 3) PP to submit tree cutting NOC.
- 4) PP to ensure and undertake that curing period for OWCs will be 18 days.

FINAL RECOMMENDATION

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



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

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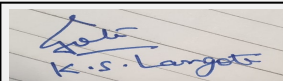
71 st meeting of SEAC-3 (Day-3)

SEAC Meeting number: 71 Meeting Date September 22, 2018

Subject: Environment Clearance for Residential Development with convenient shopping

Is a Violation Case: No

1.Name of Project	Godrej Infinity (Phase I), Godrej Active (Phase II) , Phase III and Phase IV
2.Type of institution	Private
3.Name of Project Proponent	M/s PINNI CO-OPERATIVE HOUSING SOCIETY& SHARAD CO-OPERATIVE HOUSING SOCIETY DEVELOPER- OXFORD REALTY LLP
4.Name of Consultant	Ultratech
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environment Clearance has been obtained for existing project vide letter No. SEAC-III-2015/CR-17/TC-2 dated 04-06-2016 for Plot area of 1,73,800 m ² and built-up area of 3,89,865.74 m ²
8.Location of the project	Sr. no. 9 to 14 Hissa no.1/71 Keshavnagar Mundhawa
9.Taluka	Haveli
10.Village	Keshavnagar Mundhawa
Correspondence Name:	Mr.Amandeep Singh
Room Number:	Godrej Eternia "C"
Floor:	10th Floor
Building Name:	---
Road/Street Name:	Old Mumbai Pune Road
Locality:	Wakdewadi ,Shivaji Nagar
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Sanctioned layout bearing no. BHA/816/16-17/Mouze Mundhawa/s.no.9 to 14 hissa no. 1 to 11 & other dated 04/10/2017. IOD/IOA/Concession/Plan Approval Number: no. BHA/816/16-17/Mouze Mundhawa/s.no.9 to 14 hissa no. 1 to 11 & other dated 04/10/2017. Approved Built-up Area: 326636.30
13.Note on the initiated work (If applicable)	We have initiated the work on site as per the Environment Clearance received vide letter No. SEAC-III-2015/CR-17/TC-2 dated 04-06-2016 for Plot area of 1,73,800m ² and built-up area of 3,89, 865.74 m ²
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Sanctioned layout bearing no. BHA/816/16-17/Mouze Mundhawa/s.no.9 to 14 hissa no. 1 to 11 & other dated 04/10/2017.
15.Total Plot Area (sq. m.)	173800.00 Sq. m
16.Deductions	3666.45 Sq. m
17.Net Plot area	130151.66 Sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 250004.29 Sq. m
	b) Non FSI area (sq. m.): 192616.49 Sq. m
	c) Total BUA area (sq. m.): 442620.78
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 167121.0 Sq. m
	Approved Non FSI area (sq. m.): 159515.3 Sq. m
	Date of Approval: 04-10-2017
19.Total ground coverage (m2)	44235.0 Sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34%
21.Estimated cost of the project	1709000000



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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	T1	P1+P2+28	91.3
2	T2	P1+P2+22	74.5
3	T3	P1+P2+22	74.5
4	T4	P1+P2+P3+22	78.1
5	T5	P1+P2+P3+22	74.5
6	T6A	P1+P2+17	59.5
7	T6B	P1+P2+17+Shops	59.5
8	T7	P1+25+Shops	80.1
9	T8	P1+P2+P3+P4+27	90.8
10	T9	P1+P2+P3+P4+27	93.75
11	T10	P1+P2+P3+P4+25	88.1
12	T11	P1+P2+P3+P4+23	88.1
13	T12	P1+P2+P3+P4+27	96.9
14	T13	P1+P2+P3+27	93.4
15	T14	P1+P2+P3+27	93.4
16	T15	P1+P2+P3+P4+27	93.4
17	T16	P1+P2+P3+P4+24	87.9
18	T17	P1+P2+1	11.9

23. Number of tenants and shops	No. of tenaments:3158 No. of shops:38
24. Number of expected residents / users	Residents: 15790 Commercial: 700
25. Tenant density per hectare	220
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: Yerwada Fire Brigade Station Road width : 12 m.
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	Building T1 (2P+28), T2 (2P+22), T3 (2P+22), T4 (3P+22), T5 (3P+22), T6A & B (2P+17) and club house (G)
30. Details of the demolition with disposal (If applicable)	Not Applicable

31. Production Details

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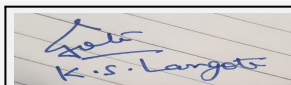
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	Pune Municipal Corporation		
	Fresh water (CMD):	1388		
	Recycled water - Flushing (CMD):	717		
	Recycled water - Gardening (CMD):	122		
	Swimming pool make up (Cum):	32		
	Total Water Requirement (CMD) :	2259		
	Fire fighting - Underground water tank(CMD):	900		
	Fire fighting - Overhead water tank(CMD):	25 KLD per Tower		
	Excess treated water	963		
Wet season:	Source of water	Pune Municipal Corporation		
	Fresh water (CMD):	1388		
	Recycled water - Flushing (CMD):	717		
	Recycled water - Gardening (CMD):	00		
	Swimming pool make up (Cum):	32		
	Total Water Requirement (CMD) :	2137		
	Fire fighting - Underground water tank(CMD):	900		
	Fire fighting - Overhead water tank(CMD):	25 KLD per Tower		
	Excess treated water	1085		
Details of Swimming pool (If any)	Phase I: 243.88 sqm Phase II: 231.00 sqm Phase III: 277.20 sqm			

33.Details of Total water consumed

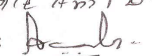
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									



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Fresh water requirement	1199	189	1388	180	29	209	1019	160	1179
Domestic	602	115	717	0	0	0	602	115	717
Gardening	102	20	122	102	20	122	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 28.75 m. to 36.88 m. BGL. Rainy Season - 8.50 m. to 18.00 BGL. Winter Season - 18.63 m. to 27.44 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:	No of Recharge pit with bore well: 21 nos.
	Size of recharge pits :	Size of the Recharge bore well: 3m x 3m x 3m
	Budgetary allocation (Capital cost) :	Rs. 87.5 Lakhs
	Budgetary allocation (O & M cost) :	Rs.5 Lakhs/annum
Details of UGT tanks if any :	Domestic UG Tank Capacity(CUM):1370 Flushing Tank Capacity(CUM):750 Fire UG Tank Capacity (CUM):900	

35.Storm water drainage	Natural water drainage pattern:	South East to North West
	Quantity of storm water:	1771 Cum/Day
	Size of SWD:	External SWD: River Internal SWD: 1)600(W) mm x 900 (D)mm 2)600(W) mm x 800 (D)mm 3)700 (W) mmx900 (D) mm 4)700 (W) mmx900 (D) mm

Sewage and Waste water	Sewage generation in KLD:	1897
	STP technology:	MBBR
	Capacity of STP (CMD):	STP 1 : 480 KLD, STP 2 : 415 KLD, STP 3 : 580 KLD, STP 4 : 580 KLD
	Location & area of the STP:	STP 1: At Phase-I STP 2: At Phase-II STP 3: At Phase-III STP 4: At Phase-IV
	Budgetary allocation (Capital cost):	Rs. 300 Lakhs
	Budgetary allocation (O & M cost):	Rs. 40 Lakhs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	63 Kg/day
	Disposal of the construction waste debris:	This material will 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:	2450 Kg/day
	Wet waste:	3618 Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not Any
	STP Sludge (Dry sludge):	134 Kg/day
	Others if any:	Not Any

Mode of Disposal of waste:	Dry waste:	Will be handed over to authorised vendor SWACH.
	Wet waste:	Floor to floor collection and segregation of dry and wet waste and collected separately. Wet waste will be treated in an organic waste converter (OWC).
	Hazardous waste:	Will be handed over to authorized vendor
	Biomedical waste (If applicable):	Not Any
	STP Sludge (Dry sludge):	Will be used as manure for landscaping after treatment in OWC.
	Others if any:	Not Any
Area requirement:	Location(s):	OWC near the entrance
	Area for the storage of waste & other material:	700 sqm
	Area for machinery:	300 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.50 Lakhs
	O & M cost:	Rs.10 Lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

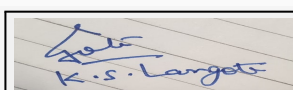
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	625 KVAX 9 nos.	Diesel 70 lit/hr	9	Min 3 m above DG set	--	--

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	--	70 litres/hr	70 litres/hr



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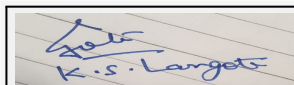
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41.Source of Fuel	Authorized vendor
42.Mode of Transportation of fuel to site	By Road

43.Green Belt Development	Total RG area :	18344.72
	No of trees to be cut :	19
	Number of trees to be planted :	No of trees to be transplanted: 42
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	Till the completion of the project.

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Aegele marmelos	Bael	Small deciduous tree with edible fruits that attracts birds	30
2	Albizia lebbeck	Shirish	Shade giving tree with a large canopy, Nitrogen Fixing tree.	50
3	Angoecissus latifolia	Dhawda	Medium sized deciduous tree with fruits that attract birds.	20
4	Anthocephalus kadamba	kadamba	Evergreen tree with large canopy and fragrant flowers.	50
5	Azardirachta indica	Neem	Shady, Fast growing, large evergreen tree with white fragrant flowers	50
6	Bauhinia purpurea	Kanchan	Small, deciduous tree with pink fragrant flowers, attracts butterflies	40
7	Butea monosperma	Flame of Forest	Large canopy tree with beautiful orange flowers and medicinal properties	40
8	Cassia fistula	Golden shower tree	Medium, fast growing deciduous tree with yellow flowers, acts as butterfly host	50
9	Cassia nodosa	Pink Casia	Large canopy tree with showy, birds and butterflies attracting flowers	50
10	Caryota urens	Fishtail Palm	Tall growing palm, attracts birds , good for roadside planting	30
11	Cordia gharaf	Gondan	Small deciduous tree with edible fruits that attracts bird	30



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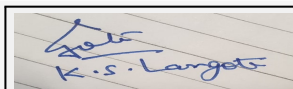
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12	Crataeva religiosa	Varun	Medium canopy tree which comes along river	20
13	Dalbergia lanceolaria	Takoli	Small deciduous tree with edible fruits that attracts birds	30
14	Erythrina indica	Pangara	Large canopy tree with beautiful red flowers.	50
15	Ficus benghalensis	Wad	Large canopy tree, forms nesting habitat for birds	5
16	Ficus glomerata	Umber	Large canopy tree, forms food source and nesting habitat for birds.	30
17	Ficus microcarpa	Indian Laurel	Large evergreen tree forming nesting habitat for birds	30
18	Hardwickia binata	Anjan	Large deciduous tree that attracts birds	40
19	Lagerstroemia flos reginae	Pride of India	Shady, medium sized tree with beautiful purple flowers. Also known as the State flower tree of Maharashtra.	40
20	Mesua ferrea	Nagkesar	Flowering, medicinal tree with birds and butterflies attracting flowers	40
21	Michelia champaca	Champak tree	Shady, medium sized evergreen tree with fragrant yellow flowers. Acts as a butterfly host.	50
22	Millingtonia hortensis	Indian cork tree	Shady, Large, evergreen tree with white fragrant flowers	50
23	Mimusops elengi	Bakul	Large evergreen tree with fragrant flowers, attracts bees, birds	50
24	Moringa oleifera	Drumstick Tree	Edible vegetable, Nitrogen Fixing tree.	30
25	Ougeinia oojeinensis	Sandan	Large deciduous tree with beautiful flowers that attracts birds	30
26	Plumeria alba	Frangipani White	Small, evergreen, ornamental tree with white fragrant flowers	50
27	Pongamia pinnata	Karanj	Large deciduous tree that attracts birds	40
28	Putranjiva roxburghii	Putranjiva tree	Shady, medium sized tree with drooping form.	40




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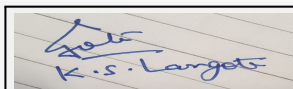
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29	Salix tetrasperma	Indian willow	Shady, medium sized tree. And good nesting habitat and food source for birds and good riparian tree	30
30	Saraca indica	Sita ashok tree	Shady, medium sized tree with red and yellow flowers	40
31	Sesbania grandiflora	Agati	Beautiful flowers, Nitrogen Fixing tree	30
32	Tamarindus indica	Tamrind	Long lived tropical evergreen tree with a spreading crown and evergreen foliage, with brown sticky fruit of sour taste	40
33	Terminalia bellirica	Beheda	Large deciduous tree, that attract birds	40
34	Terminalia catappa	Indian almond tree	Shady, medium sized tree. Forms its canopy like an umbrella. And good nesting habitat and food source for birds	50
35	Polyalthia longifolia	Ashok Tree	Evergreen tree with rounded canopy, draught tolerant, very graceful with its downward-sweeping branchlets and shining foliage.	5
36	Semecarpus anacardium	Biba	Moderate-sized medicinal deciduous tree, used as substitute for marking ink for clothes.	10
37	Tectona grandis	Teak	Tall deciduous tree, strong tree with massive crown, grows in all soil types	5
38	Cananga odorata	Chapha	Flowering, fragrant flowers and leaves, evergreen tree that attracts birds.	30
39	Cassia siamea	Kassod Tree	Shady, evergreen, attracting birds, good for screening, quick growing.	40
40	Bauhinia sulphurea	Bauhinia yellow	Auspicious, flowering, attracting bees and butterflies, quick growing, upright tree.	50
41	Bauhinia tomentosa	Bell bauhinia	Quick growing, abundantly flowering, attracting bees and butterflies, good for hedges.	55
42	FRUIT TREES	--	--	--



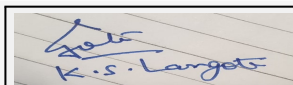
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43	Annona squamosa	Custard Apple	Deciduous tree grows well in warm climatic conditions, can tolerate long periods of dry weather.	25
44	Artocarpus integrifolia	Jackfruit	Nesting habitat for birds. Dense foliage creates nice shade under it.	20
45	Artocarpus altilis	Breadfruit	Large tree, nesting habitat for birds and bears ample fruits during season.	30
46	Citrus medica limonia	Lemon	Regular, juicy lemon, attracts bees and butterflies, thorny in nature.	10
47	Citrus reticulata	Orange	Plants require maximum sunlight to flower and fruit properly, thorny in nature.	10
48	Cocos nucifera	Coconut Tree	Known as Kalpataru - since every part of the tree is used, salt tolerant.	40
49	Emblica officinalis	Aawala	Small deciduous tree that bears medicinal fruits.	50
50	Ficus carica	Anjeer	Delicious variety. Attracts a lot of birds. Needs a sunny location and less water.	40
51	Mangifera indica	Royal Mango	Mangoes are the kings of the tropical fruit, evergreen with dense canopy. They are delicious, nutritious and wholesome.	45
52	Manilkara zapota	Chickoo	A real tasty variety of Sapota. The tree too is very ornamental and evergreen. One of the easiest to take care of. Plants are slow growing.	35
53	Psidium guajava kg guava	Guava Large Fruited	Owing to its hardy nature, guava is grown successfully in tropical region.	30
54	Punica granatum bhagwa	Pomegranate Bhagwa	Ornamental and healthy fruit, grows well in hot and dry conditions.	30
55	Syzygium cumini	Jamun	Large evergreen tree, nesting habitat for birds and bears ample fruits during season.	30



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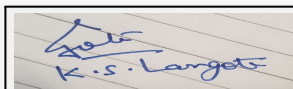
56	Tamarindus indica red	Tamarind Red	The deep red flesh makes it very attractive. Grafted plants ensure early fruiting.	40
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45.Total quantity of plants on ground

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

Serial Number	Name	C/C Distance	Area m2
1	Alpinia calcarata	0.45	253
2	Alpinia purpurata	0.6	236.5
3	Bauhinia acuminata	0.6	370.75
4	Cordyline terminalis mahatma	0.45	207
5	Crinum asiaticum	0.6	176.75
6	Strelitzia reginae	0.6	158.5
7	Canna x generalis lineata yellow	0.45	270.83
8	Canna x generalis scarlet	0.45	284.67
9	Colocasia esculenta	0.45	235.33
10	Cordyline compacta	0.45	202.83
11	Ixora sunkit hybrid orange	0.45	317.50
12	Ixora sunkit hybrid yellow	0.45	290.83
13	Acorus calamus	0.3	206.625
14	Alternanthera bettzickiana green	0.3	150.625
15	Alternanthera versicolor	0.3	179.125
16	Aptenia cordifolia	0.3	165.25
17	Ophiopogon japonicus kyoto dwarf	0.3	180.875
18	Rhoeo spathacea compacta	0.3	118.75

47.Energy



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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	70725 kVA
	During Operation phase (Demand load):	16741 kVA
	Transformer:	PH-1 : 14 x 630kVA PH-2 : 11 x 630kVA PH-3 : 11 x 630kVA
	DG set as Power back-up during operation phase:	PH-1: 1x625 + 2x700 kVA PH-2 : 3x625kVA PH-3 : 3x625kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

1. Green Area - Landscape
2. Street Light
3. Parking (Light + Socket) Building Façade, Building Periphery, Corridor & Staircase Lighting
4. Club House
5. Solar Water Heater

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Green Area - Landscape	34%
2	Street Light	44%
3	Parking (Light + Socket) Building Façade, Building Periphery, Corridor & Staircase Lighting	53%
4	Club House	4%
5	Solar Water Heater	27%

50. Details of pollution control Systems

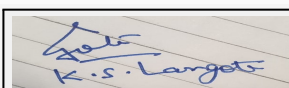
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.347 Lakhs
	O & M cost:	Rs.15 Lakhs/annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	--	Water For Dust Suppression	1.80
2	--	Air & Noise monitoring	0.72
3	--	Tanker water for construction	2.40
4	--	Water monitoring	0.60
5	--	Gardening	11.32
6	--	Disinfection- Pest Control	0.18
7	--	First Aid Facilities	0.18
8	--	Health Check Up	2.40
9	--	Creche for children	3.00
10	--	Labour camp maintenance	0.50
11	--	Personal protective equipment	0.18
12	--	CFL lamps for labor hutments	1.92
13	--	Testing Charges (Lifting machineries)	0.6
14	Total	--	25.8

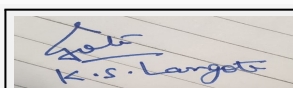
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	--	300.00	40.00
2	RWH	--	87.5	5.00
3	Environmental monitoring	MoEF approved laboratory	0	83.82
4	Energy	--	347.0	15.0
5	Gardening (Including Transplantation)	--	574.0	57.4
6	Swimming Pool	--	150.00	15.00
7	Solid waste management	--	50.00	10.00
8	WTP cost	--	85.00	6.5
9	Solar	--	600.0	80.0

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

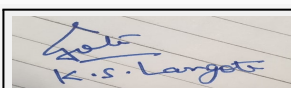
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	--
Parking details:	Number and area of basement:	Not Any
	Number and area of podia:	1 Podia/building;Area of the podium=41145.35
	Total Parking area:	112222.37
	Area per car:	35
	Area per car:	35
	Number of 2-Wheelers as approved by competent authority:	4906
	Number of 4-Wheelers as approved by competent authority:	1980
	Public Transport:	Nearest Bus stop
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	B1
	Court cases pending if any	Not Any
	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.

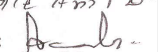
Brief information of the project by SEAC



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Environment Clearance for Residential Development with convenient shopping Godrej Infinity(Phase I),Godrej Active(Phase II) ,Phase III and Phase IV at 1/71, Keshavnagar Mundhawa,Tal- Haveli,Pune by M/s Pinni co-oprative housing society & Sharad co-oprative housing society - Oxford Realty LLP.

PP submitted their application for amendment in Environmental clearance for total plot area of 173800 Sq. Mtrs, BUA of 442620.78 Sq. Mtrs and FSI area of 250004.29 Sq. Mtrs. PP proposes to construct 18 no. 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

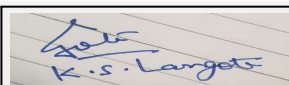
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.
- 2) PP to submit Drainage NOC.
- 3) PP to submit affidavit for sustainable water supply.

FINAL RECOMMENDATION

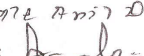
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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71 st meeting of SEAC-3 (Day-3)

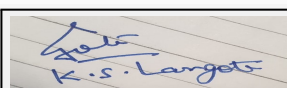
SEAC Meeting number: 71 Meeting Date September 22, 2018

Subject: Environment Clearance for Environment Clearance for 'Bellrue' project proposed Residential cum Commercial development

Is a Violation Case: No

1.Name of Project	'Bellrue' project proposed Residential cum Commercial development at Yerwada, Pune, by Dr.Farrokh Wadia (Partner Sagitarius Ecospaces LLP)
2.Type of institution	Private
3.Name of Project Proponent	Dr.Farrokh Wadia (Partner Sagitarius Ecospaces LLP)
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Residential cum commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	On plot no. F.P.3, Nagar Road, Yeravada, Pune 411006
9.Taluka	Haveli
10.Village	Yerwada
Correspondence Name:	Dr. Farrokh Wadia
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	8,Nagar Road
Locality:	Yeravada
City:	Pune 411 006.
11.Area of the project	Pune Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	Zoning layout subdivision approved dated 16/08/2017
	IOD/IOA/Concession/Plan Approval Number: Zoning layout subdivision approved dated 16/08/2017
	Approved Built-up Area: 301138.62
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.)	2,38,932.48 sq m
16.Deductions	42,569.88 sq.m
17.Net Plot area	1,96,362.60 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 3,62,572.00 sq m.
	b) Non FSI area (sq. m.): 1,35,174.18 sq m.
	c) Total BUA area (sq. m.): 596571.63
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 3,62,572.00 sq m.
	Approved Non FSI area (sq. m.): 1,35,174.18 sq m.
	Date of Approval: 16-08-2017
19.Total ground coverage (m2)	53,993sq m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.5 %
21.Estimated cost of the project	28000000000

22.Number of buildings & its configuration

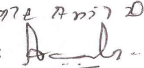


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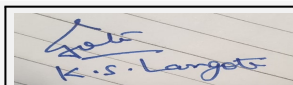
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Type A (3 bldgs)	1 Basement + Stilt + 2 Parking + 25 floors	92 m.	
2	Type B (2 bldgs)	1 Basement + Stilt + 2 Parking + 25 floors	92 m.	
3	Type B1 (3 bldgs)	Stilt + 2 Parking + 14 floors	92 m.	
4	Type E1 (1 bldg)	3 Basement + stilt + 18 floors	79.45m.	
5	Type E2 (1 bldg)	3 Basement + stilt + 18 floors	79.45m.	
6	Type E3 (1 bldg)	3 Basement + stilt + 18 floors	79.45m.	
23.Number of tenants and shops		1284		
24.Number of expected residents / users		Residents : 7832; Commercial: 23176 ; Total: 31008		
25.Tenant density per hectare		520		
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 mts.wide existing DP road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		6.0 mtr Drive way with turning radius of 7.5 mtrs		
29.Existing structure (s) if any		Residence of the owner which will be retained.		
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				

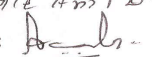


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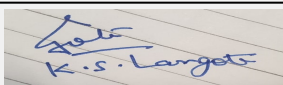
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Dry season:	Source of water	Municipal water								
	Fresh water (CMD):	1066 KLD								
	Recycled water - Flushing (CMD):	1704 KLD								
	Recycled water - Gardening (CMD):	640 KLD								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	2770 KLD								
	Fire fighting - Underground water tank(CMD):	2200 KL								
	Fire fighting - Overhead water tank(CMD):	180 KL								
	Excess treated water	86								
Wet season:	Source of water	Municipal water								
	Fresh water (CMD):	1066 KLD								
	Recycled water - Flushing (CMD):	1064 KLD								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	2130 KLD								
	Fire fighting - Underground water tank(CMD):	2200 KL								
	Fire fighting - Overhead water tank(CMD):	180 KL								
	Excess treated water	726								
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	
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



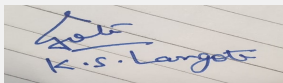
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	0.90m. to 3.75..m
	Size and no of RWH tank(s) and Quantity:	5 no. tank with total capacity of 341 cmd
	Location of the RWH tank(s):	At Basement (As per the drawings and various plans)
	Quantity of recharge pits:	80 nos.
	Size of recharge pits :	2 m dia & 3 m deep
	Budgetary allocation (Capital cost) :	93.5
	Budgetary allocation (O & M cost) :	208
	Details of UGT tanks if any :	In Basement-8 for residential part In Basement-2 for commercial part
35.Storm water drainage	Natural water drainage pattern:	drain channel with grating on top
	Quantity of storm water:	20839 KL/hr
	Size of SWD:	1.00 m. depth x 1.2 m. wide
Sewage and Waste water	Sewage generation in KLD:	2300
	STP technology:	MBBR
	Capacity of STP (CMD):	5 Nos with capacity of 2300 KLD
	Location & area of the STP:	Basement (collection tank UG and equipment above ground)
	Budgetary allocation (Capital cost):	80.51
	Budgetary allocation (O & M cost):	11.5
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Debris - 1-3 MT/day; Top soil to be preserved : 3,27,485 cum
	Disposal of the construction waste debris:	used for filling the plot and maintaining natural slopes.
Waste generation in the operation Phase:	Dry waste:	17,940
	Wet waste:	26,910
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	1.8
	Others if any:	Not applicable



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Mode of Disposal of waste:	Dry waste:	Segregation and sale of recyclables,
	Wet waste:	Biodegradable waste to compost.(OWC)
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	mix with wet waste and convert that into compost
	Others if any:	Not applicable
Area requirement:	Location(s):	Basement
	Area for the storage of waste & other material:	60 sq.mt in 5 locations
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	11.2
	O & M cost:	1.6

37.Effluent Charecterestics

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

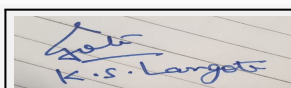
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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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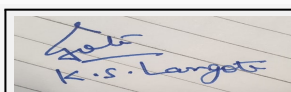
43.Green Belt Development	Total RG area :	19636.6 sq.m
	No of trees to be cut :	1209
	Number of trees to be planted :	3650
	List of proposed native trees :	As below
	Timeline for completion of plantation :	Till operation phase

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	Aegle marmelos	Beal Tree	--	Native, Medicinal plant, fruits use to make marmalade/jam etc.
2	Anona squamosa	Custard apple, Sitafal	--	Native, Medicinal plant, fruits use to make marmalade/jam etc.
3	Azadirachta indica	Neem Tree	--	Native, Medicinal plant
4	Cordia dichotoma	Bhokar	--	Native, raw fruits use to make pickle
5	Lagerstroemia speciosa	Queen Crape Myrtle	--	Native, aesthetic value, shade
6	Millingtonia hortensis	Indian Cork	--	Native, aesthetic value, sweet scented flowers
7	Mimusops elengi	Bakuli	--	Native, Medicinal plant, fruits consumed at many places
8	Syzygium cumini	Jambhul	--	Native, Medicinal plant, fruits use to make fresh juice, syrup, jelly etc.
9	Bauhinia purpurea	Butterfly Tree	--	Native, aesthetic value
10	Bauhinia racemosa	Astha	--	Native, aesthetic value
11	Bougainvillea spectabilis	Bougainvillea	--	Aesthetic value
12	Citrus limon	Lemon, Limbu	--	Native, Medicinal plant, fruits use to make fresh juice, pickle etc.
13	Emblica officinalis	Awala	--	Native, Medicinal plant, fruits use to make fresh juice, syrup, pickle etc.
14	Gardenia jasminoides	Anant	--	Native, aesthetic value, sweet scented flowers
15	Murraya paniculata	Kunti	--	Native, aesthetic value
16	Nerium indicum	Pink Oleander	--	Native, aesthetic value
17	Nyctanthus arbor-tristic	Parijatak	--	Native, Medicinal plant, aesthetic value, sweet scented flowers
18	Psidium guajava	Peru	--	Native, fruits use to make fresh juice, syrup, etc.
19	Saraca asoka	True Ashok	--	Native, Medicinal plant, aesthetic value

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	Not applicable	Not applicable	Not applicable

47. Energy

Power requirement:	Source of power supply :	MSEB
	During Construction Phase: (Demand Load)	250
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	48486 KW
	During Operation phase (Demand load):	28518.99 KW
	Transformer:	16 x 630 kva (for Residential) & 8 x 3000 kva (for Commercial)
	DG set as Power back-up during operation phase:	4 Nos. (630 KVA, 500 KVA, 400 KVA, 630 KVA) & 8 x 3000 kva
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Energy Saving Measure :
- ? Use of lamps
- ? Electronic ballast
- ? Pumping system with VFD
- ? Capacitors for common area load
- ? Solar lighting

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving Measure	14%

50. Details of pollution control Systems

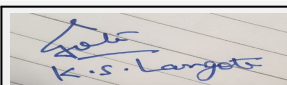
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	35
	O & M cost:	3.5

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	Debris/Top soil Management	Not applicable	10.00
2	Toilets for labour + drinking water + first aid arrangement	Not applicable	12.00
3	Safety measures	Not applicable	0.35
4	Monitoring of Environmental Parameters	Not applicable	--
5	Total	Not applicable	22.35

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	Not applicable	80.5	11.5
2	Solid Waste Management	Not applicable	11.2	1.6
3	Rain Water Harvesting	Not applicable	93.5	2.8
4	Green Belt	Not applicable	20	5
5	Energy saving features	Not applicable	35	3.5
6	Environmental monitoring	Not applicable	--	8
7	TOTAL	Not applicable	240	32

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

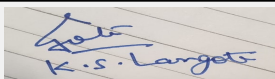
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

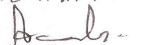
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	4
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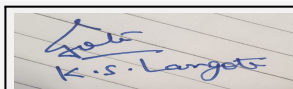

K.S.Langote (Secretary SEAC-III)

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

Parking details:	Number and area of basement:	Commercial : 3 basement + Pit parking - 76,906sqmt., Stilt - 17,105 sqmt ; Residential : Phase 1 - 1 basement - 12,048sqmt, stilt /parking -Stilt+ 2 parking -86778 sqmt
	Number and area of podia:	Not applicable
	Total Parking area:	1,75,826 Sq.m.
	Area per car:	As per NBC
	Area per car:	As per NBC
	Number of 2-Wheelers as approved by competent authority:	1496
	Number of 4-Wheelers as approved by competent authority:	5422
	Public Transport:	Not applicable
	Width of all Internal roads (m):	7.50m. to 12 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 (b)
	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	12-07-2017
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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Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for Environment Clearance for 'Bellrue' project proposed Residential cum Commercial development On plot no. F.P.3, Nagar Road, Yeravada, Pune by Dr.Farrokh Wadia(Partner Sagitarius Ecospaces LLP).

PP submitted their application for prior Environmental clearance for total plot area of 2,38,932.48 Sq. Mtrs, FSI area of 3,62,572.00 Sq. Mtrs, Non FSI area of 1,35,174.18 Sq.m and total BUA of 5,96,571.63 Sq. Mtrs. PP proposes to construct total 11 residential and 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

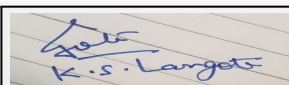
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit specific NOC from respective authority to drain nalla crossing through land.
- 2) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dated 01.05.2018 with details of fund utilization & agreement with executor.

FINAL RECOMMENDATION

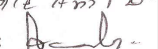
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.



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

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Name: K. Anil Kale
Signature: 

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SEAC-III)**

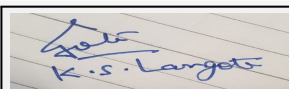
71 st meeting of SEAC-3 (Day-3)

SEAC Meeting number: 71 Meeting Date September 22, 2018

Subject: Environment Clearance for M/s Knowledge City Education Pvt. Ltd. & M/s. Oxford Golf & Resorts Pvt. Ltd. proposes to expand "OXFORD CITY" Residential, Educational Institute and Commercial Project at Gat No. 1167 to 1179,1181, 1183 to 1189, 1191 to 1198,1200 to 1204,1206 to 1232, 1241, 1243, 1245, 1246, 1247, 1253, 1259, 1261, 1263 to 1266, 1268 to 1284, 1286 to 1289, 1292, 1298 to 1303, 1317, 1656 to 1660 at village Lavale and Gat No. 23, 34/1, 34/2/1, 34/4b/1, 129/1, 131, 132, 135, 137/1, 137/2, 137/3, 159, 163, 168,

Is a Violation Case: No

1.Name of Project	Oxford City
2.Type of institution	Private
3.Name of Project Proponent	Mr. Haresh Shah
4.Name of Consultant	Pollution and Ecology Control Services
5.Type of project	Township
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	EC Granted 1.No. 21-154/2006/IA-III date 17 Oct. 2006. 2. No. 21-362/2007/IA-III dated 27 Dec. 2007.
8.Location of the project	Gat No. 1167 to 1179,1181, 1183 to 1189, 1191 to 1198,1200 to 1204,1206 to 1232, 1241, 1243, 1245, 1246, 1247, 1253, 1259, 1261, 1263 to 1266, 1268 to 1284, 1286 to 1289, 1292, 1298 to 1303, 1317, 1656 to 1660 at village Lavale and Gat No. 23, 34/1, 34/2/1, 34/4b/1, 129/1, 131, 132, 135, 137/1, 137/2, 137/3, 159, 163, 168, 199, 200/3 at village Bavdhan Mulshi, Lavale and Bavdhan
9.Taluka	Mulshi
10.Village	Lavale and Bavdhan
Correspondence Name:	M/s. Knowledge City Education Pvt. Ltd. & M/s. Oxford Golf & Resorts Pvt. Ltd.
Room Number:	501
Floor:	4th Floor
Building Name:	Kensington Court
Road/Street Name:	Lane No.5, off North main road
Locality:	Koregaon Park
City:	Pune
11.Area of the project	Pune Metropolitan Regional development Authority (PMRDA)
12.IOD/IOA/Concession/Plan Approval Number	CC issued by PMRDA IOD/IOA/Concession/Plan Approval Number: Sanctioned vide No. BMU/Mouje Lavale/S.N. 1168 and others/PN/31/2017-18 dt. 10.04.2018 Approved Built-up Area: 1545578.96
13.Note on the initiated work (If applicable)	This has been worked out by adding the Built up area of Existing Phase (5,77,828.01Sq.M) and Proposed expansion phase (48,46,595.37 Sq. M). The project proponent has planned to complete the entire project in eight phases. So far construction has been carried out is only 62881.92 Sq.m, which is only 10.88 per cent of the total built up area of the existing phase. Important buildings or edifices constructed in the existence phase are Golf Club Building 4763 Sq.m, Flame University 53618.92 Sq.m. and Avasara School 4500.00 Sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Yes
15.Total Plot Area (sq. m.)	3857154.00
16.Deductions	220554.83
17.Net Plot area	3636599.17
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 4253512.80 b) Non FSI area (sq. m.): 1170910.51 c) Total BUA area (sq. m.): 5424423.31

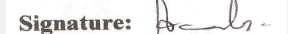


K.S.Langote (Secretary SEAC-III)

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Name: K. Anil Kale

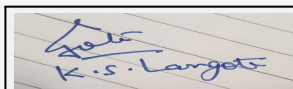
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): --
	Approved Non FSI area (sq. m.): --
	Date of Approval: 10-04-2018
19.Total ground coverage (m2)	250747.72 Sq. m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	6.5 % of Total Plot Area and 6.9 % of Net Plot Area
21.Estimated cost of the project	150000000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	OCR -1: G1BA	2PD+30	99.90
2	OCR -1: G7	2PD+30	99.90
3	OCR -1: G3D	2PD+30	99.90
4	OCR -1: G4A	2PD+30	99.90
5	OCR -2: N1Cb	3PD+30	99.90
6	OCR -2: N1Da	3PD+30	99.90
7	OCR-2: G3D	3PD+30	99.90
8	OCR-2: MLCP+C8	6	24.00
9	OCR 2: C5	3	15.00
10	OCR 2: CG	3	15.00
11	OCR 2: C7	3	15.00
12	OCR 3: T1, T3	5PD+30	99.90
13	OCR 3: T2,T4,T5,T6,T7	5PD+30	99.90
14	OCR 4: T	2PD+ 30	99.90
15	OCR 5: T	2PD+ 30	90.00
16	OCR 6: BLOCK A	G+3	12.27
17	OCR6: BLOCK B	G+5	25.00
18	OCR 6: BLOCK C	G+3	13.40
19	OCR6: BLOCK D	G+4	15.00
20	OCR6: BLOCK E	G+7	28.15
21	OCR-6 BLOCK F	G+29	99.90
22	OCR 6: LOGHUTS	G+1	6.00
23	OCR 6: EXP CENTER	G+1	9.00
24	OCR-7 +8 TYPE-1	G+2	14.50
25	OCR-7 +8 TYPE-2	G + 2	14.50
26	OCR-7 +8 TYPE-3	G + 2	14.50
27	OCR-7 +8 TYPE-4	G + 2	14.50
28	OCR-7 +8 TYPE-5	G + 2	14.50
29	OCR-7 +8 TYPE-1	G + 2	14.50
30	OCR 9 T	2PD+30	99.90
31	OCR 10 T	2PD+30	99.90
32	OCR 12 T	2PD+30	99.90
33	OCR 13 T	2PD+30	99.90
34	OCR 14 E 1	P+17	60.00



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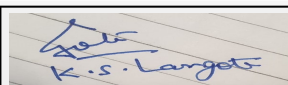
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Name: K. S. Anil Kale

Signature: [Handwritten Signature]

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

35	OCR 14 E 3	P+17	60.00
36	OCR 15 E 1	P+17	60.00
37	OCR 16 E 1	P+18	55.00
38	OCR 17 E 1	P+17	60.00
39	OCR 17 E 1A	P+17	60.00
40	OCR 17 E 2	P+17	60.00
41	OCR 18 T	2PD+30	99.90
42	OCC- 4 Shed -1	G	7.8
43	OCC- 3 Town Hall	P+ POD + 7	24
44	OCC- 2 C -2	P+ POD + 23	71.40
45	OCA-4 Health Club	P+ 2	15
46	OCA-2 Library Building	P+ 7	24.00
47	OCE -9 Health	P+ 5	18.15
48	OCE-1 A01	G+1	9.45
49	OCE-1 A02	LG+G+3	14.95
50	OCE-1 A03	G+3	12.00
51	OCE-1 A04	G+2	11.25
52	OCE-1 A05	G+3	12.00
53	OCE-1 A06	G+1	9.45
54	OCE-1 A07	G+3	14.85
55	OCE-1 A08	G+1	9.45
56	OCE-1 A09	G+3	14.85
57	OCE-1 A10	G	5.20
58	OCE-1 A11	G+1	13.11
59	OCE-1 A12	G+1	11.10
60	OCE-1 A13	G	4.02
61	OCE-1 A15	G+1	6.90
62	OCE-1 A16	G+1	7.00
63	OCE-1 A17	G+1	7.00
64	OCE-1 A18	G+1	7.00
65	OCE-1 A19	G+1	7.00
66	OCE-1 A20	G	4.50
67	OCE-1 A21+22	G	6.45
68	OCE-1 A23	G	3.45
69	OCE-1 A26 +2	G+3	13.00
70	OCE-1 A27 +2	G+3	13.05
71	OCE-1 A28	G+3	14.95
72	OCE-1 A40	G	4.35
73	OCE-1 A41	G+2	14.81
74	OCE-1 A42	G+3	15.00
75	OCE-1 A46	G	3.45
76	OCE-1 A47	G	3.45
77	OCE-1 A48	G+4	15.00
78	OCE-1 Auditorium	G+1	14.40



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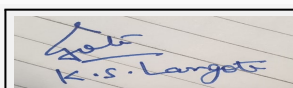
Name: K. S. Anil D.

Signature: [Handwritten Signature]

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

79	OCE2:Sport Complex	G+1	10.80
80	OCE2:Executive Education Centre	G+7	24.00
81	OCE2:Hostel 1	G+3	12.00
82	OCE2:Faculty Housing	G+7	24.00
83	OCE 3	0	0
84	OCE 4	0	0
85	OCE -5 Building-1	G+3	14.90
86	OCE -5 Building-2	G+3	14.90
87	OCE -5 Building-3	G+3	14.90
88	OCE -5 Building-4	G+3	14.90
89	OCE -5 Building-5	G+3	14.90
90	OCE -5 Building-6	G+3	14.90
91	OCE7 - Academic Block - A	G+3	15.00
92	OCE7 - Academic Block - B	G+3	15.00
93	OCE6- School 1	G+3	14.90
94	OCE8 - Housing 2A	G+4	16.00
95	OCE8: Housing 3A	G+4	16.00
96	OCE8: Housing D-1 & D-2	G+1	7.00
97	OCU-1 Bus Station	G	5.00
98	OCU-1 Police Station	G	4.20
99	OCU-1 Fire Station	G	5.00

23.Number of tenants and shops	No. of Tenements 18922 (Residential)
24.Number of expected residents / users	275168
25.Tenant density per hectare	50 (permissible 250 per hecter)
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. road developed by project proponent connected to NH-4. Fire station is at distance of 12.0 km. Fire station is proposed in the township.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 mtr
29.Existing structure (s) if any	So far construction has been carried out is only 62881.92 Sq.m, which is only 10.88 per cent of the total built up area of the existing phase. Important buildings or edifices constructed in the existence phase are Golf Club Building 4763 Sq.m, Flame University 53618.92 Sq.m. and Avasara School 4500.00 Sq.m.
30.Details of the demolition with disposal (If applicable)	NA



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31. Production Details

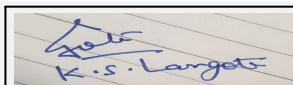
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32. Total Water Requirement

Dry season:	Source of water	Irrigation Department Pune							
	Fresh water (CMD):	9230							
	Recycled water - Flushing (CMD):	4758							
	Recycled water - Gardening (CMD):	2561							
	Swimming pool make up (Cum):	9							
	Total Water Requirement (CMD) :	16549							
	Fire fighting - Underground water tank(CMD):	500 KL							
	Fire fighting - Overhead water tank(CMD):	30 Kl							
	Excess treated water	4209							
Wet season:	Source of water	Irrigation Department Pune							
	Fresh water (CMD):	9230							
	Recycled water - Flushing (CMD):	4758							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	9							
	Total Water Requirement (CMD) :	13988							
	Fire fighting - Underground water tank(CMD):	500 KL							
	Fire fighting - Overhead water tank(CMD):	30 KL							
	Excess treated water	6769							
Details of Swimming pool (If any)	AS per Layout plan								

33. Details of Total water consumed

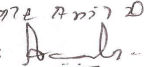
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	336	13652	13988	90	1763	1853	246	11889	12135



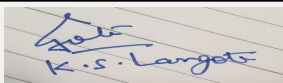
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Name: **Kale Anil D.**
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Gardening	664	1897	2561	0	0	0	0	0	0	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon depth of Water level 2-5 m								
	Size and no of RWH tank(s) and Quantity:	details are given in EIA Report								
	Location of the RWH tank(s):	As per contour of the site								
	Quantity of recharge pits:	600 Nos.								
	Size of recharge pits :	1.5 x1.5 x 2 m								
	Budgetary allocation (Capital cost) :	120 Lakhs								
	Budgetary allocation (O & M cost) :	10 Lakhs/Annum								
	Details of UGT tanks if any :	UGT Name In KLD UGT-1 2170 UGT-2a 710 UGT-2b 830 UGT-3 3140 UGT-4a 870 UGT-4b- 380 UGTb-2 210 UGT-F 400 UGT-V1 90 UGT-V2 90 UGT-V3 90 UGT-G 250 Total 9230 Total : 12 UGWT will be provided.								
35.Storm water drainage	Natural water drainage pattern:	Storm water drainage will be designed according to contour of the site								
	Quantity of storm water:	169263 cum								
	Size of SWD:	1200 mm in diameter								
Sewage and Waste water	Sewage generation in KLD:	12135								
	STP technology:	MBBR								
	Capacity of STP (CMD):	13 no. Total Capacity 12330 KLD								
	Location & area of the STP:	Shown in Layout Plan								
	Budgetary allocation (Capital cost):	Rs. 900 Lakhs								
	Budgetary allocation (O & M cost):	Rs. 90 lakhs/Annum								
36.Solid waste Management										



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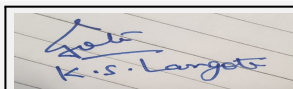
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 Kg/day
	Disposal of the construction waste debris:	Authorized Dealer
Waste generation in the operation Phase:	Dry waste:	24990.5 Kg/Day
	Wet waste:	37485.7Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	30 Kg/day
	STP Sludge (Dry sludge):	Yes
	Others if any:	Used Oil
Mode of Disposal of waste:	Dry waste:	Dry Waste (Non- biodegradable) garbage: Segregated into recyclable and non-recyclable waste and shall be handed over to Authorized Recycler of PMC.
	Wet waste:	OWC
	Hazardous waste:	Authorized dealer if any
	Biomedical waste (If applicable):	Authorized Dealer
	STP Sludge (Dry sludge):	Dry Sludge will be used as manure for Gardening
	Others if any:	Authorized Vendor
Area requirement:	Location(s):	As per shown in Layout Plan
	Area for the storage of waste & other material:	Enmark area is shown in layout plan
	Area for machinery:	1400 Sq.m for OWC setup.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 9 Crores
	O & M cost:	Rs. 90 lacs per annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	NA	7.5-8.5	7.0-7.5	6.5-9.0
2	SS	mg/ltr	150-200	50-100	100
3	BOD	mg/ltr	50-80	10-30	30
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

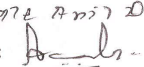
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil	5.1	ltr/annum	30	100	130	Authorised Vendor



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Shri. Anil Kale (Chairman SEAC-III)

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	2625 ltr/day	107 nos.	as per Norms	appropriate as per height.	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	816 ltr/day	1809 ltr/day	2625 ltr/day
41.Source of Fuel		Local Supplier		
42.Mode of Transportation of fuel to site		by Road through Truck Tanker		

43.Green Belt Development	Total RG area :	11,19,247.63 Sq.m. (Including Hill slope plantation)
	No of trees to be cut :	350 Nos. approximate)
	Number of trees to be planted :	7500 trees have been planted and As many as 20000 trees have been planned to be planted
	List of proposed native trees :	Neem, Mango, Jambhul, Fig, Amaltas, Bargad, Shisam, Arjuna, Gulmohar, Jackfruit, Chiku, Ashok, Furcurea, Badam, Royal Palm
	Timeline for completion of plantation :	Not Applicable

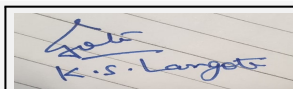
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azardirachtaindica	Neem	3000	Dense , Evergreen
2	FicusBenghalensis	Bargad,(Wad)	150	Large, Dense , Evergreen
3	TerminaliaArjuna	Arjuna	2000	semi-deciduous, Medium
4	PolyalthiaPendula	Ashoka	4000	Evergreen, small
5	MangiferaIndica	Amba	1000	Large, Dense , Evergreen
6	SyzygiumCumini	Jambhul	1000	semi-deciduous, Medium
7	Cassia Fistula	Amaltas	1500	Evergreen, small
8	DalbergiaLatifolia	Shisam	1000	Large, Dense , Evergreen
9	MicheliaChampaka	SoanChafa	800	Large, Dense , Evergreen
10	Manilkarazapota	Chiku	800	semi-deciduous, Medium, tall
11	FurcrataGigantia	Furcurea	700	succulent garden ornamental.
12	DelonixRegia	Gulmohar	1500	Deciduous, Large
13	Artocarpusheterophyllus	Jackfruit	500	Good canopy, Fruit & flower, attracting
14	FicusBenjamina	Fig	550	Deciduous, Large
15	Roystonearegia	Royal Palm	1500	Deciduous, Large

45.Total quantity of plants on ground

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

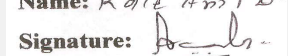
Serial Number	Name	C/C Distance	Area m2
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1	NA	NA	NA
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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200 KVA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	456 MVA
	During Operation phase (Demand load):	247 MVA
	Transformer:	194 Nos.
	DG set as Power back-up during operation phase:	107 Nos.
	Fuel used:	Diesel
Details of high tension line passing through the plot if any:	132 KVA line	

48. Energy saving by non-conventional method:

Solar Energy Conventional Energy

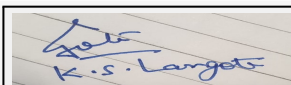
Sr.	No	Description	Units Saved/ year	Energy cost savings/ Year	Units Saved/ Day	Units / year	Energy cost / Year	% Energy Saving/yr
		(Kw-hr/ year)	(Rs./year)	(Kw-hr/ Day)	(Kw-hr/ year)	Rs./year		
1		Solar Lighting (for Landscape/Driveway)	43800	306600	120	438000	3066000	10
2		Still Floor / Staircase / Lift Lobby Lighting	5162706	36138942	14144	17209020	120463140	30
3		VFD's on Lifts	4204800	29433600	11520	21024000	147168000	20
4		Solar Panels for Hot Water	2509600	17567200	6875.62	135505000	94535000	19
Total Savings/year (KWH)			11920906	83446342	32660	52176020	365232140	20
Total Savings/ day (Kwh)			32660	228620	142948	1000636		

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lighting (for Landscape/Driveway)	10 %
2	Still Floor / Staircase / Lift Lobby Lighting	30 %
3	VFD's on Lifts	20 %
4	Solar Panels for Hot Water	19 %

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
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Air Pollution -Vehicular Movement and DG Set used during power failure only	Acoustic Covered and Chimney	Every DG set having appropriate Acoustic Cover and Chimney (stack) as per CPCB Norms
Sewage	200 KLD and 300 KLD	11 more STP Total capacity after expansion will be 12330 KLD
Solid Waste (Non Bio-degradable) and Bio Degrable	Bins are Provided and disposal trough PMC	Bins are Provided and disposal trough PMC and 14 OWC will be installed for Bio-degradable waste.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.4203.00Lakhs
	O & M cost:	Rs.40.00 Lakh per Annum

51.Environmental Management plan Budgetary Allocation

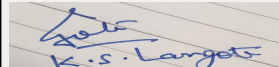
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	SPM	7.20 (Rs.1500/day for 2 years)
2	Site Sanitation & Safety	mobile toilets	5.50
3	Environmental Monitoring	--	4.50
4	Health & Checkup of Labour	--	2.0
5	TOTAL	--	19.2

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Pollution	Sewage Treatment Plant 13 Nos. Total capacity 12330 KLD	900	90
2	Air Pollution Control Management	Water sprinklers, Stacks of appropriate ht shall be provided to DG Set	25	5
3	Solid Waste Management	Organic Waste Converter OWC and bins will be provided	350	35
4	RWH	600 Nos of pits shall be provided	120	10
5	Energy Conservation	Flat Area (2 Light On PV Solar) solar water heaters & Solar Street Light.	4203	40
6	Landscape	Plantation and lac	300	30
7	--	Total	5898	210

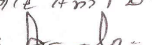
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)



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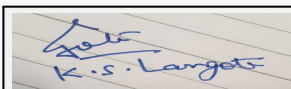
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

53. Traffic Management

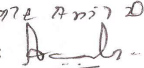
	Nos. of the junction to the main road & design of confluence:	The project site is approachable by Mumbai-Bangalore NH-4 road through TarRoad Developed by Project Proponent.
Parking details:	Number and area of basement:	None
	Number and area of podia:	46 Podium.
	Total Parking area:	817000 Sq. m.
	Area per car:	As per PMRD Norms
	Area per car:	As per PMRD Norms
	Number of 2-Wheelers as approved by competent authority:	87770 Scooter and 87770 Cycles
	Number of 4-Wheelers as approved by competent authority:	27678 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	6-12 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	None
	Other Relevant Informations	Application for Environmental Clearance.



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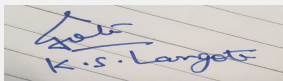
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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	18-12-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

SEAC-AGENDA-00000000138



K.S.Langote (Secretary SEAC-III)

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

Environment Clearance for proposes to expand "OXFORD CITY" Residential, Educational Institute and Commercial Project at Gat No. 1167 to 1179, 1181, 1183 to 1189, 1191 to 1198, 1200 to 1204, 1206 to 1232, 1241, 1243, 1245, 1246, 1247, 1253, 1259, 1261, 1263 to 1266, 1268 to 1284, 1286 to 1289, 1292, 1298 to 1303, 1317, 1656 to 1660 at village Lavale and Gat No. 23,34/1, 34/2/1, 34/4b/1, 129/1, 131, 132, 135, 137/1, 137/2, 137/3, 159, 163, 168, M/s Knowledge City Education Pvt. Ltd. & M/s. Oxford Golf & Resorts Pvt. Ltd

PP submitted their application for Expansion in existing Environmental clearance for total plot area of 3857154 Sq. Mtrs, BUA of 5424423.31 Sq. Mtrs and FSI area of 4253512.80 Sq. Mtrs.

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.

History of the Project

The project has been notified by Urban Development Department, Mantralaya, Government of Maharashtra as Special Township project on 22.11.2016. Sanctioning Authority: District Collector / Pune Metropolitan Regional Development Authority, Pune (PMRDA)

The applied project is an expansion of project of Oxford City.

Ministry of Environment & Forest, New Delhi issued Environment Clearance dated 17.10.2006, 27.12.2007 For the Expansion, PP approached EAC, Delhi and TOR was taken from MoEF&CC dt 27.03.2017

Total Built up area of Existing & Proposed expansion phase: 5,77,828.01 Sq. m. + 48,46,595.37 Sq.m. = 54,24,423.30

Sq. m.

Net plot area for construction: 36,36,599.17 Sq.m. - 898.62 acres

One hearing at SEAC-III completed on 23.01.2017, additional TOR points are granted and will be complied with.

The project proponent plans to complete the entire project in eight phases. So far, construction has been carried for 62,881.92 Sq.m, which is only 10.88 per cent of the total built up area of the existing phase.

Buildings constructed in the existence phase (for which EC is granted) are Golf Club Building 4763 Sq., Flame University 53618.92 Sq.m. and Avasara School 4500.00 Sq.

In existing phase, possession of 3 Sectors is given.

Project Cost: Rs.160 Cr. (Existing) + Rs. 14,840 Cr. (Proposed) : Total Rs.15,000 Cr.

Present Status of the Project

Environmental Clearances are granted for Existing Residential, Educational & Commercial Scheme of "Oxford

Properties" & "Knowledge City Education (P) Ltd. from Ministry of Environment & Forest, New Delhi, vide File No.

21-154/2006-IA.III dated 17/10/2006 and vide File No.21-362/2007-IA.III dated 27/12/2007 and TOR dt

27.03.2017 respectively. Reputation of the company and more demand of the flats and educational, commercial

Institutes in the area encourages project proponent to expand the project in balance vacant land.

As per existing EC, total sanctioned built up area is 5,77,828.01 Sq.m.

After expansion, total built up area will be 54,24,423.38 Sq. m. (Existing+ Expansion).

The sewerage treatment plant of 2 STP of 200 KLD & 300 KLD capacity are constructed in existing project and 11

Nos. STP of adequate capacity as per sewage generation will be installed in phases in proposed expansion. Total

13 Nos. of STP shall be provided.

Hill slopes are retained as per Township Policy and an area of 937455.59 Sq.m is made available for tree

Plantation within the project. Total 20,000 trees will be planted out of which 7,500 trees have already been

Planted and protected. Plantation is in progress.

Following components were covered and presented in this meeting by PP and his team of consultants and advisers.

Water Environment

Soil Quality

Air Environment

Noise Management

Traffic Study

During discussion following points emerged:-

Water Environment-

1. PP to submit the data and calculations for total yearly of water requirement for the proposed project with breakup of requirement for various uses, phases and also clarify what is estimated quantity required during peak time when all buildings are completely occupied.

2. PP has stated that the rain water will be collected in created ponds/small dams and excess water will be discharged in dug catchment area/river.

3. In case of created ponds/ water body, the average depth of same shall be designed so as to create littoral zone to allow generation of aquatic life which will also help in aeration of water body and avoid stagnation of water leading to breeding of mosquitoes.

4. PP to follow Dual pumping system.

5. PP to submit water balance diagrams as per distribution of areas/zones/phases for both seasons.

6. PP to carry out the hydrogeological assessment at various locations within the project and submit detailed report geo hydrological report with details of RWH, how much quantity of water probably recharged.

7. PP to obtain specific NOC from the respective department of GOM for sustainable water supply to the project.

8. PP to submit the plan showing the existing drainage pattern /natural watercourses on site and also clarify whether the small streams are proposed to be diverted or closed, if so, PP to clarify and try to avoid the closing of natural courses

9. PP to submit the entire plan for above and to submit the total run off before development and after development.

10. PP to clarify how they have proposed to discharge the treated water from STP, if it is proposed to discharge in catchment area specific NOC from respective dept. of GOM.

11. PP to submit sanction plan of Bio swell.

12. PP to submit NO Development plan.

13. PP to submit executable EMP.

14. PP to resubmit revised NOC from irrigation dept.

15. PP to submit details of WTP and its design and capacity.

16. PP to submit geohydrological report.

17. PP to submit Environmental status report.

18. PP to submit water balance water report.

Air Environment -

1. PP to prepare the report on air quality on projected impact due to the activity, the report should be prepared using primary monitoring data at all locations where in construction is planned, kerb side monitoring, the meteorological data at site may be provided. The report shall be prepared taking in account following points:-

2. A. The projected impacts should be estimated using prevailing and recommended modelling tools for dispersion of various pollutants and identifications of area of the impact with receptors.

3. B. PP to mark the sampling locations of the monitoring station on the master plan and locate the receptor.

4. C. PP to submit details of grid wise emission inventory for construction phase and operation phase. The emission inventory should be based on the current vehicle count and projected increase in the vehicle traffic for various category of vehicles. The pollutants to be covered should include PM 10, PM 2.5, CO, HC and NOx. PP has presented few details on the same including above points to be submitted during presentation.

5. PP to submit details of wind rose used during monitoring.

6. PP to submit the mitigation measures for avoiding the adverse impact on air quality, particularly with respect to the receptors.

Noise Management:-

1. PP has submitted all relevant data for noise environment which implies their thorough understanding about the mitigation measures to be developed for the impact's due to noise pollution. PP has been advised to do monitoring at all places on boundary of project to complete the study.

Traffic Study:-

1. PP to prepare the traffic growth rate report.

2. PP to submit details of road infrastructure built on the basis of permissions.

3. PP to submit road development plan.

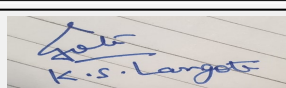
4. PP to submit exact traffic volumes- projections.

5. PP to submit drawings of public axis's to road.

6. PP to submit detail report covering assumptions and limitations and references.

7. PP to submit comprehensive mobility plan for the entire area.

Note:- SEAC has approved all baseline data for Air, Water, soil and Noise and has been confirmed submitted by PP.



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

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

DECISION OF SEAC

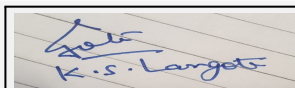
After detail discussion of the case, committee shared the observations with the PP in respect to water pollution, Air Pollution, Noise management & Traffic study and asked to submit information to the committee for further discussion and consideration of SEAC and asked the PP for detail presentation on water- waste water chapter and Solid waste in the next meeting and also PP shall make detail presentation regarding EIA studies/TOR on water-waste water and Solid waste management chapter. The committee shall perform the site visit as an when necessary.

Specific Conditions by SEAC:

- 1) PP to submit details of following points on Land Environment : (a) PP to submit details of ownership of clarifying whether they have bought land of Adivasis Public Land, Forest or Government Land etc. (b) PP to take trial pits at location where development is expected as per the proposed Master Plan, to understand the soil strata and the same shall be reflected in the ecological report. (c) PP to carry out soil tests in the villages falling in the vicinity to check its alkaline / acidic nature. (d) PP to clarify whether the existing land use will get significantly altered from the project that is not consistent from surrounding. (e) PP to clarify whether proposed land use confirms to the Master Plan approved by the competent authority. (f) PP to submit plan for soil stabilization at proposed construction site to prevent soil erosion. (g) The total area yet to develop is about 1000 acre. During construction phase, labour colony will be provided with the provision of required fuel, water and imitation facility. It is therefore, necessary to maintain the sanctity of existing land scape. PP to clarify the same. (h) PP to submit details of wetlands to be created and their use for domestic water storage, sewage treatment and RWH. (i) PP to submit all required NOCs from the concerned agencies including consent for fresh water supply of required quantity. (j) PP to submit fugitive dust modelling data for any cutting or drilling which may likely to take place during excavation. (k) PP to ensure that UDPFI guidelines shall be followed and road network shall be designed accordingly.
- 2) PP to submit details of following points on Water Environment : (a) PP to submit details of disposal of excess treated water especially in monsoon season supporting with NOCs from concerned authorities. (b) PP to submit details of pesticides if any to be used on Golf Course. (c) PP to verify whether existing natural water course needs to be widened considering the existing run off. (d) PP to submit complete storm water drainage with drawings. (e) PP to submit phase wise water budget.
- 3) PP to submit details of following points on solid waste management : (a) PP to submit details of waste collection points. (b) PP to submit comprehensive plan and SOP envisaged for primary / secondary and tertiary collection, segregation, treatment and disposal of waste. (c) PP to submit separate EMP for bio-medical waste management.
- 4) PP to submit details of following points on socio economic issues: (a) PP to submit socio-economic infrastructure details within vicinity of site w.r.t. pre-primary school, primary school, secondary school including public transport arrangements on the site and proposed development expected in 10-15 years. (b) PP to explore possibility to provide a space for "Otta market" so as to facilitate the farmers in adjoining village to sell their vegetables etc.
- 5) PP to submit building clearance NOC pertaining to 220 KVA line.
- 6) PP to incorporate energy maintenance component in EMP.

FINAL RECOMMENDATION

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



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

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

71 st meeting of SEAC-3 (Day-3)

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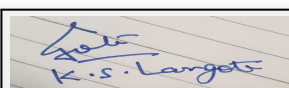
Subject: Environment Clearance for Project by M/s Global properties

Is a Violation Case: No

1.Name of Project	Global Serenity
2.Type of institution	Private
3.Name of Project Proponent	Mr. Shrikant Gulabrao Matere
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	Gat No.123(P)
9.Taluka	Haveli
10.Village	Moshi
Correspondence Name:	Mr. Shrikant Gulabrao Matere
Room Number:	-
Floor:	-
Building Name:	Gulab Pushpa
Road/Street Name:	Sector no.27
Locality:	Pradhikaran,Nigdi
City:	Pune- 411044
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 30940.77
13.Note on the initiated work (If applicable)	19140.32 m2 (Bldg. A - P + 12,Bldg. B - P + 11, Bldg. C - P + 11,Club House , STP,UGT, Transformer Completed)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	10000.00 m2
16.Deductions	480.00 m2
17.Net Plot area	8543.13 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15875.42 m2
	b) Non FSI area (sq. m.): 15065.35 m2
	c) Total BUA area (sq. m.): 30940.77
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)	2724.50 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	27.24 % of Total plot area (10000.00 m2) & 31.89 % of Net plot area (8543.13 m2)
21.Estimated cost of the project	631500000

22.Number of buildings & its configuration

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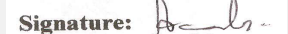


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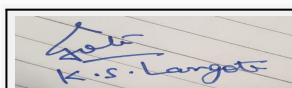
1	A	P + 12	38.85
2	B	P + 11	35.85
3	C	P + 11	35.85
4	D (Residential + Commercial)	P + 11	35.90
5	Commercial Building	G + 03	13.80

23.Number of tenants and shops	Total No. of Tenements - 217 Nos. Showroom: - 03 Nos. Shops & Offices: - 5 Shops & 12 Offices.
24.Number of expected residents / users	Residential Users: 1085 nos., Showroom Users: 50 nos., Shops & Offices Users: 71nos., Total Population: 1206 nos.
25.Tenant density per hectare	217
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 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	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

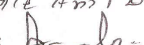
32.Total Water Requirement



K.S.Langote (Secretary SEAC-III)

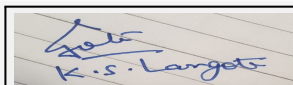
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	168.41 m3/day (One time)							
	Recycled water - Flushing (CMD):	51.84 m3/day							
	Recycled water - Gardening (CMD):	11.50 m3/day							
	Swimming pool make up (Cum):	Not Applicable							
	Total Water Requirement (CMD) :	105.07 m3/day							
	Fire fighting - Underground water tank(CMD):	200 m3							
	Fire fighting - Overhead water tank(CMD):	80 m3							
	Excess treated water	77.86 m3/day							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	156.91 m3/day (One Time)							
	Recycled water - Flushing (CMD):	51.84 m3/day							
	Recycled water - Gardening (CMD):	0.00 m3/day							
	Swimming pool make up (Cum):	Not Applicable							
	Total Water Requirement (CMD) :	105.07 m3/day							
	Fire fighting - Underground water tank(CMD):	200 m3							
	Fire fighting - Overhead water tank(CMD):	80 m3							
	Excess treated water	89.36 m3/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



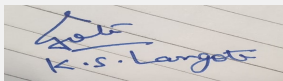
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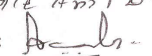
Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	9.30 m BGL (Present Level) • Pre-Monsoon - 11.30 m BGL , •Post - Monsoon - 5.30 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:	4 Nos.
	Size of recharge pits :	2.5 M x 1M x 1 M
	Budgetary allocation (Capital cost) :	Rs. 1.67 Lakh
	Budgetary allocation (O & M cost) :	Rs.0.20 Lakh/year
	Details of UGT tanks if any :	Domestic UG tank Capacity: 158.00 m3 Flushing UG tank Capacity: 96.00 m3 Fire UG tank Capacity: 200.00 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	329.47 m3 /hr.
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	141.2 m3/day
	STP technology:	SMBR
	Capacity of STP (CMD):	1 No. & Capacity - 145 m3/day
	Location & area of the STP:	Area = 94.5 m2
	Budgetary allocation (Capital cost):	Rs. 12.25 Lakh
	Budgetary allocation (O & M cost):	Rs. 5.80 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:	201.97 kg/day
	Wet waste:	315.27 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	12.70 kg/day
	Others if any:	Not applicable


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Mode of Disposal of waste:	Dry waste:	Authorized vender
	Wet waste:	Organic waste convertor
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	Not Applicable
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	47 m ²
	Area for machinery:	Included in other Area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 12.96 Lakh
	O & M cost:	Rs. 3.83 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

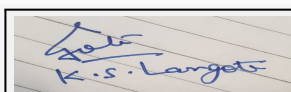
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 (Existing)	HSD - 22.7 Lits / Hr.	S - 1	6.5 m	As per Norms	-
2	DG set - 25 KVA - 1 No (Proposed)	HSD - 5.0 Lits / Hr.	S - 2	4.5 m	As per Norms	-

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	22.7 Lits / Hr.	-	22.7 Lits / Hr.
2	HSD	-	5.0 Lits / Hr.	5.0 Lits / Hr.



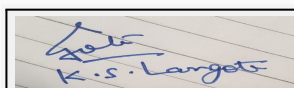
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41.Source of Fuel		Bharat Petroleum Corporation Limited/Hindustan Petroleum		
42.Mode of Transportation of fuel to site		By roadway		
43.Green Belt Development	Total RG area :	1084.27 m2		
	No of trees to be cut :	-		
	Number of trees to be planted :	220 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	Ailanthus excelsa	Maharukh	08	Medicinal value, Drought tolerant species.
2	Albizia lebek	Shirish	08	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).
3	Choclospermum religiosum	Sonsawar	08	Medicinal value, Native species
4	Cordia dichotoma	Bhokar	08	Medicinal value, Edible fruits,
5	Bauhinia blackiana	Kanchanraj	08	Every part of the plant is medicinal, Drought tolerant species.
6	Ficus glomerata	Umber	08	Medicinal value, Edible fruits, Bird attracting species
7	Butea monosperma	Palas	08	Medicinal value, Bird attracting species, To control soil erosion.
8	Syzygium cumini	Jamun	12	Medicinal value, Edible fruit.
9	Anthocephalus kadamba	Kadamb	08	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits
10	Azardirachta indica	Neem	10	Medicinal value, To control soil erosion. To improve soil erosion
11	Dalbergia sissoo	Shisav	08	Medicinal value, Bird attracting species
12	Ficus arnottiana	Payar	08	Drought tolerant species, Bird attracting species. To control soil erosion.
13	Bauhinia purpurea	Gulabi kanchan	08	Every part of the plant is medicinal, Drought tolerant species.
14	Ficus retusa	Nandruk	08	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
15	Pongamia pinnata	Karanj	08	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.



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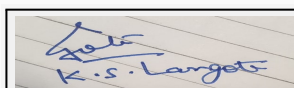
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16	Mangifera indica	Mango	08	Edible fruit, Bird attracting species.
17	Michelia champaca	Sonchafa	08	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
18	Phyllanthus emblica	Awala	08	Medicinal value, To control soil erosion.
19	Cassia fistula	Bahawa	08	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
20	Saraca indica	Sita-ashok	08	Medicinal value, Drought tolerant species,
21	Azardirachta indica	Neem	06	Medicinal value, To control soil erosion. To improve soil erosion
22	Bahunia racemosa	Apta	04	Every part of the plant is medicinal, Drought tolerant species.
23	Murrayakoengii	Kadipatta	04	Medicinal value, Edible leaves.
24	Aeglemarmelos	Bel	04	Medicinal value, Drought tolerant species.
25	Putrnjivaroxburghii	Putrnjiva	04	Medicinal value, Drought tolerant species
26	Roystoniaregia	Bottle palm	04	Ornamental plant, Medicinal value, Birds & bats eat fruits.
27	Gmelinaarborea	Shivan	04	Medicinal value, Drought tolerant species, Bird attracting species.
28	Mimosupselengii	Bakul	04	Fragrant flowers, Medicinal value, To control soil erosion.
29	Caryotaurens	Fishtail palm	04	Grown in any type of soil. Very Hardy.
30	Citrus species	Lemon	04	Medicinal value, Edible fruit
31	Nyctanthusarbortristis	Parijatak	04	Fragrant flowers, Medicinal value
32	Dalbergiasissoo	Shisav	04	Medicinal value, Bird attracting species
33	Erythrina indica	Pangara	04	Fragrant flowers, Drought tolerant species, Birds attracting
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)	118 KVA
	DG set as Power back-up during construction phase	40 KVA - 1 No.
	During Operation phase (Connected load):	1018 KW
	During Operation phase (Demand load):	904.88 KVA
	Transformer:	22 KV/630 KVA - 2 Nos.
	DG set as Power back-up during operation phase:	125 KVA - 1 No & 25 KVA - 1 No.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

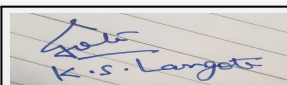
- Solar water heating systems will be done for bathrooms.
- Solar lights will be provided for common amenities like Street lighting & Garden lighting.
- LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.
- Auto Timer switches 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.	11661.75 KWH/Annum
2	Up Lighter - Light Fitting For Landscape Area.	350.4 KWH/Annum
3	Bollard Lighter - Light Fitting For Landscape Area.	255.5 KWH/Annum
4	Solar Street Light Fitting - Pole Light On Road Side.	2190 KWH/Annum
5	Street Light on the Bldg.	1314 KWH/Annum
6	Energy Saving by Solar Hot Water System.	244125 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 is 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.

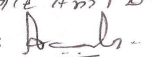


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Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH
-------------	---	---

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 29.70 Lakh
	O & M cost:	Rs. 0.83 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):

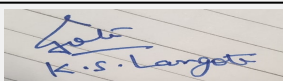
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	-	Rs.12.25 Lakh	Rs.5.80 Lakh/Year
2	RWH	-	Rs.1.67 Lakh	Rs. 0.20 Lakh/Year
3	MSW	-	Rs. 12.96 Lakh	Rs.3.83 Lakh/Year
4	Solar System	-	Rs. 29.70 Lakh	Rs.0.83 Lakh/Year
5	Landscaping	-	Rs. 18.00 Lakh	Rs.2.90 Lakh/Year
6	Safety Equipment	-	Rs. 10.00 Lakh	Rs. 2.00 Lakh/Year
7	Post EC Monitoring	-	-	Rs. 2.50 Lakh/Year
8	Dry Waste Management	-	-	Rs.1.30 Lakh/Year

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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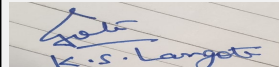
53. Traffic Management

	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:	5826.00 m ²
	Area per car:	46.60 m ²
	Area per car:	46.60 m ²
	Number of 2-Wheelers as approved by competent authority:	482
	Number of 4-Wheelers as approved by competent authority:	125
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 m & 7.5 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	No
	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.

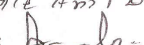
Brief information of the project by SEAC



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Environment Clearance for Residential & Commercial Project at Gat No.123(P) Moshi , Tal-Haveli by **M/s Global properties.**

PP submitted their application for Prior Environmental clearance for total plot area of 10000.00 Sq. Mtrs, FSI area of 15875.42 Sq.m, Non FSI area 15065.35 and total BUA of 30940.77 Sq. Mtrs. PP proposes to construct total 5 no of buildings in which 3 residential building, 1 residential +commercial and 1 commercial building.

DECISION OF SEAC

PP remains absent.

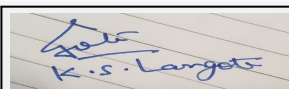
SEAC decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

SEAC-AGENDA-0000000138



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71 st meeting of SEAC-3 (Day-3)

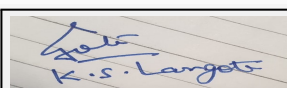
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Subject: Environment Clearance for Amendment in Proposed group housing scheme 'Aldea Annexo' on S. Nos. 12/16/1 and 12/17/1 at village Mhalunge, Taluka Mulshi, District-Pune

Is a Violation Case: No

1.Name of Project	Aldea Annexo
2.Type of institution	Private
3.Name of Project Proponent	M/s. Puranik Builders Pvt. Ltd.
4.Name of Consultant	Enviro Analysts and Engineers Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Previous EC (SEAC-III-2015/CR-66/TC-3) received dated 11th August 2016 for total construction area of 26835.93 sq. m.
8.Location of the project	S. Nos. 12/16/1 and 12/17/1 at village Mhalunge, Taluka Mulshi, District-Pune
9.Taluka	Taluka Mulshi
10.Village	Mhalunge
Correspondence Name:	M/s. Puranik Builders Pvt. Ltd
Room Number:	Puraniks One
Floor:	NA
Building Name:	Kanchan Pushp
Road/Street Name:	Ghodbunder Road
Locality:	Near Suraj Water Park
City:	Thane
11.Area of the project	Pune Metropolitan Regional Development Authority (PMRDA)
12.IOD/IOA/Concession/Plan Approval Number	Amended approval from PMRDA received for total BUA 27417.48 Sq. m IOD/IOA/Concession/Plan Approval Number: Letter No. BAIV/ C.R NO. 425/17-18 dated 21/02/2018 Approved Built-up Area: 27417
13.Note on the initiated work (If applicable)	A and B buildings entirely constructed and P+1 floors of C1 building. C2 and D buildings not yet started. Completed construction area: 10918 sq. m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	12511 sq. m.
16.Deductions	15% Amenity Space: 1877 sq. m and R.G.
17.Net Plot area	9570.60 sq. m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15260.43 sq. m. b) Non FSI area (sq. m.): 12157.05 sq. m. c) Total BUA area (sq. m.): 27417.48
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)	2856.73
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.83%
21.Estimated cost of the project	1030000000

22.Number of buildings & its configuration

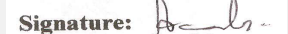


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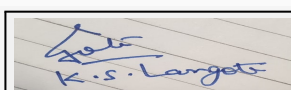
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	Stilt+12 Floors	39.45
2	B	Stilt+12 Floors	39.45
3	C1	Stilt+12 Floors	39.45
4	C2	Stilt+12 Floors	39.45
5	D	Stilt+10 Floors	33.65

23.Number of tenants and shops	Tenements : 354
24.Number of expected residents / users	1770
25.Tenant density per hectare	283
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 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	A and B buildings completely constructed and Stilt+1 floors of C1 building as per previous EC received
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

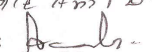
32.Total Water Requirement



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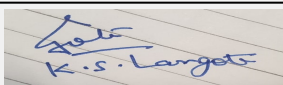
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Dry season:	Source of water	Mhalunge Grampanchayat								
	Fresh water (CMD):	159								
	Recycled water - Flushing (CMD):	80								
	Recycled water - Gardening (CMD):	7								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	246								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	NA								
	Excess treated water	123								
Wet season:	Source of water	Mhalunge Grampanchayat								
	Fresh water (CMD):	159								
	Recycled water - Flushing (CMD):	80								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	239								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	NA								
	Excess treated water	130								
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:	8 M to 12 M
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	4
	Size of recharge pits :	3 M Diameter
	Budgetary allocation (Capital cost) :	13 Lakh
	Budgetary allocation (O & M cost) :	0.26 Lakh/Year
	Details of UGT tanks if any :	Domestic UG tank: 160 m3 Flushing UG tank: 80 m3 Fire UG tank: 300 m3
35.Storm water drainage	Natural water drainage pattern:	North to south
	Quantity of storm water:	NA
	Size of SWD:	300 mm wide
Sewage and Waste water	Sewage generation in KLD:	207
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. 215 KLD
	Location & area of the STP:	Location: Ground floor; Area: 116.21 sq. m.
	Budgetary allocation (Capital cost):	22.4 Lakh
	Budgetary allocation (O & M cost):	6.48 Lakh/Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Cement bags:8244 nos, Paint container (@20L):825 nos, Scrap metal generated:3MT,Broken tiles: 687 sq. ft.,Aggregates:5MT
	Disposal of the construction waste debris:	Cement bags:Empty bags to be handed over to recycler, Paint container (@20L):To be handed over to recycler, Scrap metal generated: 100 % to be sold for recycling, Broken tiles: Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing terrace, Aggregates: To be used as a layer for internal roads and building boundary wall.
Waste generation in the operation Phase:	Dry waste:	354 kg/ day
	Wet waste:	531 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	20 Kg / day
	Others if any:	NA
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Mode of Disposal of waste:	Dry waste:	This will be handed over to authorized local recyclers.
	Wet waste:	This will be processed in Organic Waste Converter machine to give manure. The manure will be used for landscaping work at the site.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	This will be processed in Organic Waste Converter machine to give manure. The manure will be used for landscaping work at the site
	Others if any:	NA
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	33.46 Sq m
	Area for machinery:	13.40 Sq m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	6.0 Lakh
	O & M cost:	1.5 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

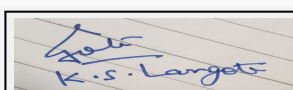
39. Stacks emission Details

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 :	1251.62 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	Required: 156 nos. Proposed: 170 nos
	List of proposed native trees :	As below.
	Timeline for completion of plantation :	As soon as construction work completed.

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

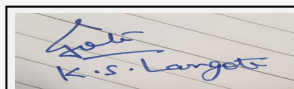
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bauhinia alba	Kanchan	35	Flowering Plant
2	Murraya paniculata	Kunti	10	Flowering Plant
3	Azardirachta indica	Kadunimba	15	Medicinal Plant
4	Cassia fistula	Bahawa	25	Flowering Plant
5	Lagerstroemia flosregineae	Tamhan	10	Ornamental Plant
6	Polyalthea longifolia	False Ashok	25	Medicinal Plant
7	Caryota urens	Fishtail Palm	20	Ornamental Plant
8	Michelia champaca	Sonchafa	20	Flowering Plant
9	Manilkara zopota	Chickoo	10	Fruit 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	NA	NA	NA

47.Energy



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Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Co Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	40 Kw
	DG set as Power back-up during construction phase	100 kVa
	During Operation phase (Connected load):	4110 kw
	During Operation phase (Demand load):	1682 kw
	Transformer:	NA
	DG set as Power back-up during operation phase:	1 No X 160 kVa
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Use of T5, CFL Lights
LED light with timer control
Lifts with VFD Drives.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving 24%	24%

50. Details of pollution control Systems

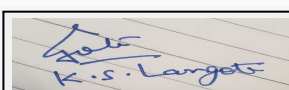
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20.0 Lakh
	O & M cost:	1.0 Lakh/ Year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

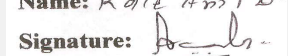
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling System	0.9
2	Water Environment	Water for construction works and mobile toilets	1.7
3	Noise Environment	Site Barricading	3.6
4	Land environment	Mobile STP	0.6



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5	Socio- economic environment	Disinfection- pest control	0.29
6	External infrastructure	Laydown of sewerline upto municipal existing sewerline	2.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	STP	22.4	6.48
2	Solid Waste Management	OWC	6.0	1.5
3	Energy Conservation	Electrical Saving	20.0	1.0
4	Land Environment	Landscaping	12.0	1.2
5	Water Environment	RWH	13.0	0.26

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

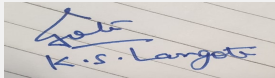
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	2685.1 Sq m
	Area per car:	12.50 sq. m.
	Area per car:	12.50 sq. m.
	Number of 2-Wheelers as approved by competent authority:	638
	Number of 4-Wheelers as approved by competent authority:	36
	Public Transport:	PMPML buses, MSRTC buses, taxi etc.
	Width of all Internal roads (m):	Minimum 6 M driveways proposed
	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) Category: B
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	17-03-2018

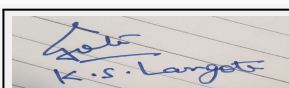
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Amendment in Proposed group hosing scheme 'Aldea Annexo' on S. Nos. 12/16/1 and 12/17/1 at village Mhalunge, Taluka Mulshi, District-Pune by M/s. Puranik Builders Pvt. Ltd.

PP submitted their application for amendment in earlier Environmental clearance for total plot area of 12511 Sq. Mtrs, BUA of 27417.48 Sq. Mtrs and FSI area of 15260.43 Sq. Mtrs. PP proposes to construct 5 no. residential building.



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DECISION OF SEAC

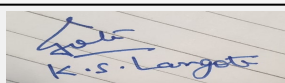
PP remains absent, hence committee decided to defer the proposal and consider a fresh.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

SEAC-AGENDA-00000000138



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SEAC-III)**