

71st Meeting of SEAC-3 (Day-2)

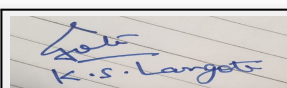
SEAC Meeting number: 71 Meeting Date September 21, 2018

Subject: Environment Clearance for Proposed Residential project 'Gagan Panama' at S.No.67/2, Kharadi, Tal-Haveli, Dist Pune by Gagan Panama buildscapes LLP, Pune

Is a Violation Case: No

1.Name of Project	Gagan Panama
2.Type of institution	Private
3.Name of Project Proponent	Mr. Gautam Ladkat
4.Name of Consultant	VK:e environmental LLP
5.Type of project	Residential project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No.67/2, Kharadi
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr. Gautam Ladkat
Room Number:	Office No. 502
Floor:	Office No. 502
Building Name:	Panama house, Lunkad tower
Road/Street Name:	Plot No. 3, Viman Nagar
Locality:	Viman Nagar
City:	Pune
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	Sanction Plan from PMC no. CC/3774/17 IOD/IOA/Concession/Plan Approval Number: CC/3774/17 Approved Built-up Area: 18761.55
13.Note on the initiated work (If applicable)	No work has been initiated on site.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	11500 sqm
16.Deductions	3329 sqm
17.Net Plot area	8171 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 16,981.47 sqm b) Non FSI area (sq. m.): 13,459.33 sqm c) Total BUA area (sq. m.): 30441
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 9104.63 Approved Non FSI area (sq. m.): 9656.92 Date of Approval: 11-04-2018
19.Total ground coverage (m2)	2414.02
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29.5 % on net plot area
21.Estimated cost of the project	970000000

22.Number of buildings & its configuration

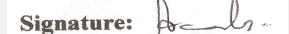


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 1 of 142

Name: K. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

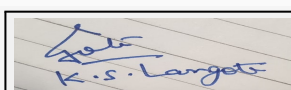
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A with MHADA & Shops	P+14	45
2	Building C2	2P+13	40.60
3	Building F	2P+13	40.60
4	Building E	2P+13	40.60
5	Building D	2P+13	40.60

23.Number of tenants and shops	No. of tenements : 261 flats No. of shops: 5 shops
24.Number of expected residents / users	Residential Tenants: 1305 Shop Tenants: 62
25.Tenant density per hectare	Tenant density: 1134.7
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Existing width of the road is 24 m road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m
29.Existing structure (s) if any	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

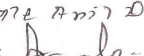
32.Total Water Requirement



K.S.Langote (Secretary SEAC-III)

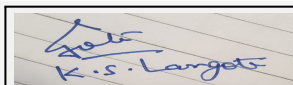
SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 2 of 142

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC							
	Fresh water (CMD):	118							
	Recycled water - Flushing (CMD):	61							
	Recycled water - Gardening (CMD):	8							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	187							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	100							
	Excess treated water	98							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	118							
	Recycled water - Flushing (CMD):	61							
	Recycled water - Gardening (CMD):	8							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	179							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	100							
	Excess treated water	107							
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



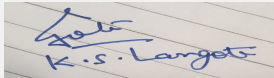
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 3 of 142

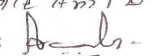
Name: K. Anil Kale
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Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15 - 18 m bgl
	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 :	1.5mX1.5mX 2.5m depth with 40m deep bore well
	Budgetary allocation (Capital cost) :	7,83,600/-
	Budgetary allocation (O & M cost) :	23,500/-
	Details of UGT tanks if any :	Domestic UG Tank Capacity: 178 KLD Flushing UG Tank Capacity: 91 KLD Fire UG Tank Capacity: 150 KLD.
35.Storm water drainage	Natural water drainage pattern:	All the storm water collected will be channelized through the storm water network and rainwater harvesting system.
	Quantity of storm water:	6.50 m ³ /min
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	167 kld
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. of 170 kld capacity
	Location & area of the STP:	on ground
	Budgetary allocation (Capital cost):	56,50,000/-
	Budgetary allocation (O & M cost):	09,50,000/-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Total waste generation from labours is 10 kg/day
	Disposal of the construction waste debris:	The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.
Waste generation in the operation Phase:	Dry waste:	270 kg/day.
	Wet waste:	398 kg/day.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	56 kg/day
	Others if any:	E waste: 2 kg/day


K.S.Langote (Secretary
SEAC-III)

SEAC Meeting No: 71 Meeting Date: September
21, 2018

Page 4 of
142

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

Mode of Disposal of waste:	Dry waste:	Dry waste will be handed over to authorized vendor.
	Wet waste:	Will be treated in Organic waste composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	will be used as manure
	Others if any:	E waste will be handed over to authorized vendor
Area requirement:	Location(s):	on ground
	Area for the storage of waste & other material:	Total OWC area: 60 sqm
	Area for machinery:	Total OWC area: 60 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	14,75,000/-
	O & M cost:	312167/-

37. Effluent Characteristics

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

38. Hazardous Waste Details

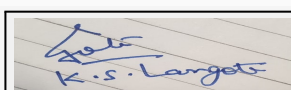
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

40. Details of Fuel to be used

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



K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 5 of 142

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

43.Green Belt Development	Total RG area :	Opens space: 961.29 sqm
	No of trees to be cut :	3
	Number of trees to be planted :	121
	List of proposed native trees :	Please refer below list
	Timeline for completion of plantation :	Till operation phase

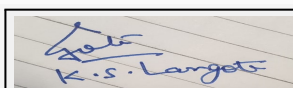
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Syzygium cumini	Jambul tree	5	A large tree with dense foliage provides shade along roads, wood is water resistant and attracts a variety of birds.
2	Millingtonia hortensis	Indian cork tree	10	A columnar, evergreen tree, grows well in both dry and moist regions
3	Lagerstromia flos regineae	Tamhan	13	State flower tree of Maharashtra Medium size tree, beautiful purple flowers, grows well in both dry and humid climate
4	Pongamia pinnata	Karanj	10	Large tree good for stopping soil erosion along canal banks
5	Azadirachta indica	Neem	10	A medium to large size hardy tree which stand in drought conditions. Air Purifying quality Attain a much larger size in dry regions.
6	Cassia fistula	Bahava	10	A medium to large size hardy tree which stand in drought conditions. Air Purifying quality Attain a much larger size in dry regions.
7	Ficus benjamina	Weeping Fig	10	Medium sized evergreen tree with elegant appearance and moderate water requirement
8	Plumeria alba	Champa	6	Ornamental flowering tree
9	Michelia champaca	Sonchafa	11	Medium size evergreen tree, fragrant yellow flower, butterfly host plant
10	Polyathia longifolia	Ashoka	04	Large evergreen tree, Effective in decreasing noise pollution.
11	Mangifera indica	Mango	10	Large evergreen and fruit bearing tree
12	Albizia lebeck	Shirish	08	Shady, large tree, ball shaped flowers

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	Raphis palm	0.60	29.89



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 6 of 142

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

2	Allamanda yellow	0.45	29.20
3	Asparagus sprengeri	0.30	13.25
4	Ixora red	0.30	24.48

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	60 KW
	DG set as Power back-up during construction phase	50 KVA
	During Operation phase (Connected load):	1447 kW
	During Operation phase (Demand load):	964 kW
	Transformer:	2 nos. of 630 KVA
	DG set as Power back-up during operation phase:	1 no. Of 250 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

By Using Automatic time based controls/timers
 By Using LED fixtures
 By Using Solar Hot water systems and solar PV

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Using Solar Hot water systems	100 lit/flat/day
2	Using Solar PV	8.6 KWh/day

50. Details of pollution control Systems

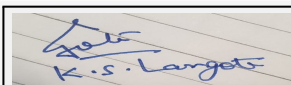
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	1,26,90,000/-
	O & M cost:	10,15,200 /-

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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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 7 of 142

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

1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	1135750
2	Land	Labour Camp toilets & sanitation	240000
3	Health & Safety	Labour Safety Equipments and training	2,00,000
4	Environment	Environmental Monitoring	1,85,600
5	Health & Safety	Disinfection and Health Check-ups	25500
6	Environment Managment	Environmental Monitoring cell	170000

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	56,50,000/-	09,50,000/-
2	Solid waste management	1 OWC	20,75,000/-	4,77,075/-
3	Landscaping	development & maintenance of green area	7,83,600/-	23,500/-
4	Rain water harvesting	4 recharge pits	2,95,202.25 /-	31,764 /-
5	Environmental Monitoring	air,water,noise,soil,waste water,OWC manure	NA	1,82,500/-
6	Renewable energy	Solar Hot Water System, Solar PV	1,26,90,000/-	10,15,200 /-

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

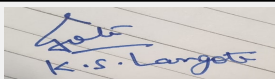
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

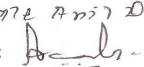
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The road network within the site has been designed to cater to the traffic loads of the project. Internal driveways are 6 m wide. Existing access road is 24 m wide.
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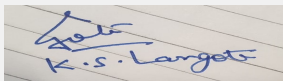

K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 8 of 142

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

Parking details:	Number and area of basement:	NA
	Number and area of podia:	1 podium
	Total Parking area:	5417 sqm
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	490
	Number of 4-Wheelers as approved by competent authority:	245
	Public Transport:	NA
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Building & construction
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 9 of 142

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

Environment Clearance for Proposed Residential project 'Gagan Panama' at S.No.67/2, Kharadi, Tal-Haveli, Dist Pune by M/s.Gagan Panama buildscapes LLP.

PP submitted their application for prior Environmental clearance for total plot area of 11500 Sq. Mtrs, BUA of 30441 Sq. Mtrs and FSI area of 16981.47 Sq. Mtrs. PP proposes to construct 5 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

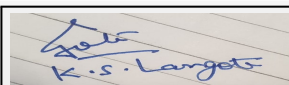
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit revised parking statement showing area per car as per DCR.
- 2) PP to submit revised parking as per approved plan width of ramp to be increased upto 6 mtr and cross section showing the slope of ramp slope 1:10.
- 3) PP to submit CFO NOC
- 4) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.

FINAL RECOMMENDATION

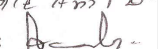
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 10
of 142**

Name: K. Anil Kale
Signature: 

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

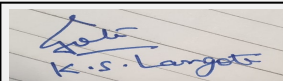
71st Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 71 Meeting Date September 21, 2018

Subject: Environment Clearance for Environment Clearance for Proposed Amendment in Environmental Clearance of Mixed Use Development Project

Is a Violation Case: No

1.Name of Project	addressOne
2.Type of institution	Private
3.Name of Project Proponent	Peninsula Land Ltd. (an Ashok Piramal Group company)
4.Name of Consultant	Building Environment India Pvt.Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	The project received Environmental Clearance on 17th October, 2011 vide File. No.: SEAC-2010/CR.892/TC.2 for a total plot area of 2, 02,857.00 sq.mt and B.U.A of 2, 65,233.20 sq.mt (FSI Area: 1, 62,117.20 sq.mt and Non-FSI Area: 1, 03,116.00 sq.mt) in the name of M/s. City Parks Pvt.Ltd. with a validity date 17th October, 2016. Later on the M/s. City Parks Pvt.Ltd merged into Peninsula Land Ltd. As per OM dated 12th April, 2016 by MoEF &CC regarding the Extension of validity of Environmental Cle
8.Location of the project	Gut no 184, 186, 190, 192, 195, 222, 223, 224 at Gahunje, Pune.
9.Taluka	Maval
10.Village	Gahunje
Correspondence Name:	Mr. Chandrashekhar Ogale (Authorised Signatory Peninsula Land Ltd)
Room Number:	1, Peninsula Spenta,
Floor:	1, Peninsula Spenta,
Building Name:	1, Peninsula Spenta,
Road/Street Name:	Mathuradas Mill, Senapati Bapat Marg,
Locality:	Lower Parel
City:	Mumbai 400013
11.Area of the project	Pune Metropolitan Region Development Authority (PMRDA)
12.IOD/IOA/Concession/Plan Approval Number	Concession Layout approved by PMRDA
	IOD/IOA/Concession/Plan Approval Number: Plot A: BMA/C.R.No-1282/17-18/Mouza Gahunje, G.No-184 & Ors Dt: 01.02.2018; Plot B: BMA/C.R.No-1282/17-18/Mouza Gahunje, G.No-184 & Ors , Dt: 01.02.2018
	Approved Built-up Area: 241695
13.Note on the initiated work (If applicable)	Work not yet started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1,98,200.00 sq.mt
16.Deductions	(a) 4,778.19 sq.mt Road Set Back (b) 29,013.22 sq.mtrs Amenity Plots, Total: 33,791.41 sq.mt
17.Net Plot area	1,64,408.59 sq.mt
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Plot A- 92,230.41 sq.mt.; Plot B- 82,736.46 sq.mt; Club House on Plot A- 1,662.73 sq.mt; Club House on Plot B- 1,238.59 sq.mt. ; Total: 1,77,868.19 sq.mt.
	b) Non FSI area (sq. m.): Plot A- 24,278.70 sq. mt.; Plot B- 32,747.22 sq. mt.; Club House on Plot A- 962.73 sq.mt.; Club House on Plot B- 838.59 sq.mt.; Services Area- 5,000.00 sq.mt.; Total: 63,827.24 sq.mt.
	c) Total BUA area (sq. m.): 241695
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)	Plot A- 21,701.10 sq.mt.; Plot B- 10,627.02 sq.mt.; Club House on Plot A- 1108.00 sq.mt.;Club House on Plot B- 825.72 sq.mt.; Total: 34,261.84 sq.mt.



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 11 of 142

Name: K. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.83%
21. Estimated cost of the project	8723394303

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Plot A, 113 Nos.	G+4 upper flrs.	14.95 mt
2	Plot B, 18 Nos.	G+11 upper flrs.	36.00 mt.
3	Plot A Club House , 9 Nos.	G+1	8.40 mt
4	Plot B Club House , 4 Nos.	G+1	8.40 mt

23. Number of tenants and shops	Plot A: Residential Apartments : 2240 nos. Shops on : 30 Nos. Plot B: Residential Apartments : 792 nos Total Residential Units: 3032 Nos. Total Shops: 30 Nos.
---------------------------------	--

24. Number of expected residents / users	Plot A: 9,708.00 Nos.; Plot B: 4356.00 Nos.; Total: 14,064.00 Nos.
--	--

25. Tenant density per hectare	154.49 Tenants / 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))	18.00 mtrs
--	------------

28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA
--	----

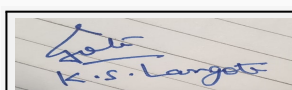
29. Existing structure (s) if any	NA
-----------------------------------	----

30. Details of the demolition with disposal (If applicable)	Currently open land, construction not yet started . No existing structures on site to be demolished.
---	--

31. Production Details

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

32. Total Water Requirement



K.S. Langote (Secretary SEAC-III)

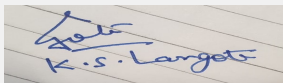
SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 12 of 142

Name: K. S. Langote
Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PCMC/ Recycled Water							
	Fresh water (CMD):	Plot A: 847.00 ; Plot B:393.00; Total: 1240.00							
	Recycled water - Flushing (CMD):	Plot A: 508.00 ; Plot B:251.00; Total: 759.00							
	Recycled water - Gardening (CMD):	Plot A: 84.80; Plot B:54.00; Total:139.00							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	Plot A: 1440.00; Plot B: 698.00; Total: 2138.00							
	Fire fighting - Underground water tank(CMD):	For Plot B: 150.00 KLD							
	Fire fighting - Overhead water tank(CMD):	For Plot B: 18 x 5.00 KLD							
	Excess treated water	Plot A: 408.00, Plot B: 197.00; Total: 605.00							
Wet season:	Source of water	PCMC/ Recycled Water							
	Fresh water (CMD):	Plot A: 847.00 ; Plot B:393.00; Total: 1240.00							
	Recycled water - Flushing (CMD):	Plot A: 508.00 ; Plot B:251.00; Total: 759.00							
	Recycled water - Gardening (CMD):	--							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	Plot A: 1355.00; Plot B: 644.00; Total: 1999.00							
	Fire fighting - Underground water tank(CMD):	For Plot B: 150.00 KLD							
	Fire fighting - Overhead water tank(CMD):	For Plot B: 18 x 5.00 KLD							
	Excess treated water	Plot A: 493.00, Plot B: 251.00; Total: 744.00							
Details of Swimming pool (If any)	--								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 13 of 142

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Ground water table is reported at depths between 1.0m and 4.25m below ground surface in the boreholes completed for original geotechnical investigation during rainy seasons
	Size and no of RWH tank(s) and Quantity:	---
	Location of the RWH tank(s):	--
	Quantity of recharge pits:	Plot A:11 Nos.; Plot B: 9 Nos.; Total: 20 Nos.
	Size of recharge pits :	3.00 mt x 35.00 mt. depth
	Budgetary allocation (Capital cost) :	Attached
	Budgetary allocation (O & M cost) :	Attached
Details of UGT tanks if any :	Underground tank of adequate capacity will be provided for Domestic, Flushing, fire Fighting, STP, RWH Plot A: Domestic: Sec-1:118.00 KLD; Sec-2:117.00 KLD & 163.00 KLD; Sec-3: 217.00 KLD; Sec-4:231.00 KLD; Plot B: Domestic: 393.00 KLD; Plot A: Flushing: Sec-1:67.00 KLD; Sec-2:63.00 KLD & 99.00 KLD; Sec-3: 124.00 KLD; Sec-4:154.00 KLD; Plot B: Flushing: 251.00 KLD;	
35.Storm water drainage	Natural water drainage pattern:	slope towards west
	Quantity of storm water:	0.17 m3 /sec
	Size of SWD:	Attached
Sewage and Waste water	Sewage generation in KLD:	Plot A: 1107.00; Plot B: 551.00; Total : 1658.00
	STP technology:	MBBR
	Capacity of STP (CMD):	Plot A: Sector-1: 1x 155.00 KLD; Sector-2: 1 x 152.00 KLD & 1 x 211.00 KLD; Sector-3 : 1 x 282.00 KLD; & Sector-4 : 1x 301.00 KLD ;Plot B: 1) 1X510 KLD
	Location & area of the STP:	Under ground
	Budgetary allocation (Capital cost):	attached
	Budgetary allocation (O & M cost):	attached
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	0.81 T/day
	Disposal of the construction waste debris:	waste generation from proposed phases 30% will be recycled on site & remaining will be handed over to Authorised Recycles as per C&D waste Management Rule,2016
Waste generation in the operation Phase:	Dry waste:	Plot A:1099.00 Kg/day; Plot B: 815.00 Kg/day; Total: 1914.00 Kg/day
	Wet waste:	Plot A: 1959.00 Kg/day; Plot B: 656.00 Kg/day; Total: 2615.00 Kg/day
	Hazardous waste:	Spent pol from DG
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Plot A: 173.00 Kg/day; Plot B: 87.00 Kg/day; Total: 260.00 Kg/day
Others if any:	--	

Mode of Disposal of waste:	Dry waste:	Will be handed over to Authorised Recyclers as per MSW Rule,2016
	Wet waste:	Will be treated in OWC
	Hazardous waste:	waste generation from Phase-I , used for land levelling purpose; from proposed phases 30% will be recycled on site & remaining will be handed over to Authorised Recycles as per C&D waste Management Rule,2016
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	--
Area requirement:	Location(s):	attached
	Area for the storage of waste & other material:	attached
	Area for machinery:	attached
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	attached
	O & M cost:	attached

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

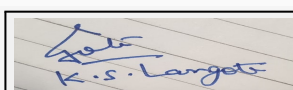
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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



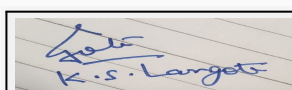
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 15 of 142

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

41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	PLOT A- 11084.88 sq.mt . PLOT B- 8257.26 sq.mt ;Total 19,342.14 sq.mt		
	No of trees to be cut :	Attached		
	Number of trees to be planted :	Attached		
	List of proposed native trees :	Attachd		
	Timeline for completion of plantation :	Throughout the construction phase		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Attachd	Attachd	Attachd	Attachd
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	Attachd	Attachd	Attachd	
47.Energy				
Power requirement:	Source of power supply :	MSEDCL		
	During Construction Phase: (Demand Load)	274.00 kW		
	DG set as Power back-up during construction phase	62.50 kVA & 50.00 kVA		
	During Operation phase (Connected load):	Plot A: 5051.29 KW; Plot B: 5373.25 KW; Total: 10,424.54 KW		
	During Operation phase (Demand load):	Plot A: 3411.93 KW; Plot B: 2580.39 KW; Total: 5992.32 KW		
	Transformer:	Plot A: Sector-1: 1000 kVA-1 Nos.; Sector-2: 1000 kVA-2Nos. & 630 kVA-1 Nos.; SEctor 3& 4: 1000 kVA-4Nos & 315 kVA-1Nos; Plot-B: 4x1000 KVA		
	DG set as Power back-up during operation phase:	Plot A: Sector-1: 200 kVA-1Nos.; Sector-2: 160 kVA-1Nos. & 200 kVA-1Nos.; SEctor 3& 4: 1600 kVA-1Nos.; Plot-B: 1x 630 KVA		
	Fuel used:	Diesel		
Details of high tension line passing through the plot if any:	No			
48.Energy saving by non-conventional method:				



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 16 of 142

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

Attached
Plot A: 23.76 %
Plot A: 29.98%

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Attached	Attached

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:	Attached
	O & M cost:	Attached

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust Pollution	Water Sprinkling	6.50
2	EHS	Site Sanitation,Health Checkup, Labour Children Creche	12.00
3	Env Monitoring	--	2.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Attached	Attached	Attached	Attached

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

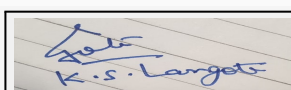
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

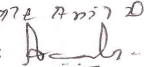
Nos. of the junction to the main road & design of confluence:	Attached
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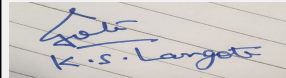
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 17 of 142

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

Parking details:	Number and area of basement:	--
	Number and area of podia:	--
	Total Parking area:	Plot A (Car- 4412.5 Sq.Mt., Scooter - 9326 Sq.Mt. Cycle 6528.2 Sq.Mt.) Plot B (Car- 4,950 Sq.Mt., Scooter - 2376 Sq.Mt. Cycle 1,663.2 Sq.Mt.)
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Plot A (Scooter - 4663, cycle 4663) Plot B (Scooter - 1188, cycle 1188)
	Number of 4-Wheelers as approved by competent authority:	Plot A (Car- 353) Plot B (Car- 396)
	Public Transport:	--
	Width of all Internal roads (m):	--
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	--
	Category as per schedule of EIA Notification sheet	8b
	Court cases pending if any	No
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
TOR Suggested Changes		
Consolidated Statement Point Number	Original Remarks	Submitted Changes
Subject:	Environment Clearance for Environment Clearance for Proposed Amendment in Environmental Clearance of Mixed Use Development Project	Environment Clearance for Proposed Amendment in Environmental Clearance of Mixed Use Development Project on Gut no 184, 186, 190, 192, 195, 222, 223, 224 at Village Gahunje, Taluka - Maval, Dist.-Pune. by Peninsula Land Ltd. (an Ashok Piramal Group company)
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 18 of 142

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

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Environment Clearance for Proposed Amendment in Environmental Clearance of Mixed Use Development Project at Gut no 184, 186, 190, 192, 195, 222, 223, 224 at Gahunje, Pune.by M/s. Peninsula Land Ltd. (an Ashok Piramal Group company).

PP submitted their application for Expansion of Environmental clearance for total plot area of 1,98,200.00 Sq. Mtrs, FSI area 1,77,868.19 Sq.m, Non FSI 63,827.24 Sq.m and Total Built up Area of 2,41,695 Sq. Mtrs. Now PP proposes to construct Plot A, 113 Nos, Plot B, 18 Nos buildings, on Plot A Club House 9 nos and Plot B Club House 4 Nos.

DECISION OF SEAC

PP remains absent.

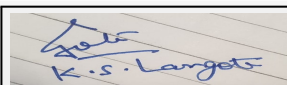
SEAC decided to defer the proposal.

Specific Conditions by SEAC:

- 1) 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.
- 2) PP to submit affidavit regarding registration and implementation of PMAY scheme.
- 3) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 4) PP to submit revised parking layout plan and parking statement showing locations of 4W, 2W and cycles.
- 5) PP to submit CFO NOC.
- 6) PP to submit the Plan showing alignment of storm water drain, the depth along with chambers and final disposal point & section through the internal road. showing place left for planting of trees. Sewage water drain internal road and space left between, building & internal Road.
- 7) PP to submit list of existing trees. PP to submit revised RG plan with additional local native species trees.

FINAL RECOMMENDATION

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



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 19
of 142**

Name: K. S. Langote
Signature: [Handwritten Signature]

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

71st Meeting of SEAC-3 (Day-2)

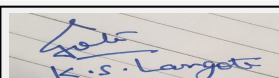
SEAC Meeting number: 71 Meeting Date September 21, 2018

Subject: Environment Clearance for Expansion of Proposed Residential Project " Belmac Residences" by M/s. Supreme Holdings & Hospitality (India) Limited

Is a Violation Case: No

1.Name of Project	Expansion of Proposed Residential Project " Belmac Residences" by M/s. Supreme Holdings & Hospitality (India) Limited
2.Type of institution	Private
3.Name of Project Proponent	Mr. Prateek Jatia
4.Name of Consultant	J. M. EnviroNet Pvt Ltd
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Environment Clearance is received dated 21th February 2015. EC No.: SEAC - 2013/ CR - 309/ TC - 2.
8.Location of the project	S. No. 38A/2, CTS no. 3106 to 3114, Vadgaon Sheri Dist. Pune, Maharashtra
9.Taluka	Haveli
10.Village	Vadgaon Sheri
Correspondence Name:	Ms. Sayali Jagtap
Room Number:	F3
Floor:	-
Building Name:	F3, Dindayal Nagar
Road/Street Name:	Medical College road
Locality:	Katraj
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Part Sanction received.
	IOD/IOA/Concession/Plan Approval Number: DPO/CC/2728/16 dated 01.12.2016
	Approved Built-up Area: 90805.38
13.Note on the initiated work (If applicable)	Total constructed work (FSI+ Non FSI): 37963.94 Sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	25459.10
16.Deductions	7171.2
17.Net Plot area	18287.90
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 33758.74
	b) Non FSI area (sq. m.): 59710.35
	c) Total BUA area (sq. m.): 93469.09
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)	2820.62
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15.42
21.Estimated cost of the project	925100000

22.Number of buildings & its configuration



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

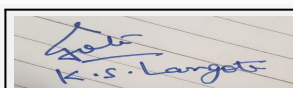
Page 20 of 142

Name: K. S. Anil D.

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	2 Basements+ G/Podium+15 floors	49.80	
2	Building B	2 Basements+ G/Podium+15 floors	49.80	
3	Building C	2 Basements+ G/Podium+15 floors	49.80	
4	Building D	2 Basements+ G/Podium+15 floors	49.80	
5	Building E	2 Basements+ G/Podium+15 floors	49.80	
6	Building F	2 Basements+ G/Podium+15 floors	49.80	
7	Club house	Ground + 1 floor	8.45	
23.Number of tenants and shops		Residential flats : 296		
24.Number of expected residents / users		Residential population : 1480		
25.Tenant density per hectare		582		
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 Amnora & Width of the road from the nearest fire station to the proposed building is existing DP road of 15 m		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.00		
29.Existing structure (s) if any		2 buildings & 2 basements.		
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)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

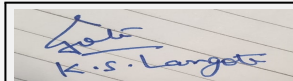
Page 21 of 142

Name: K. S. Anil D.

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC								
	Fresh water (CMD):	133.2								
	Recycled water - Flushing (CMD):	66.60								
	Recycled water - Gardening (CMD):	14.75								
	Swimming pool make up (Cum):	11.25								
	Total Water Requirement (CMD) :	230.8								
	Fire fighting - Underground water tank(CMD):	450								
	Fire fighting - Overhead water tank(CMD):	120								
	Excess treated water	89.48								
Wet season:	Source of water	PMC								
	Fresh water (CMD):	133.2								
	Recycled water - Flushing (CMD):	66.60								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	11.25								
	Total Water Requirement (CMD) :	216.05								
	Fire fighting - Underground water tank(CMD):	450								
	Fire fighting - Overhead water tank(CMD):	120								
	Excess treated water	104.23								
Details of Swimming pool (If any)	Size of pool : 20 m x 6m x 1.2 m Total water requirement : 151.40 m ³ /day Make up water : 11.25 m ³ /day									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

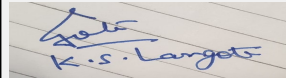
Page 22 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre Monsoon- 11.25 meters Post Monsoon- 5.85 meters
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	06
	Size of recharge pits :	1 m dia & 12 m length cylindrical pipe with 178 mm dia depth bore well.
	Budgetary allocation (Capital cost) :	Rs. 4,16,916 /-
	Budgetary allocation (O & M cost) :	Rs. 30,000 /-
	Details of UGT tanks if any :	Drinking + Domestic : 200 KLD Flushing : 67 KLD Fire : 450 kLD
35.Storm water drainage	Natural water drainage pattern:	Overflow/ surplus water from the recharge pit will be discharge into storm water drainage.
	Quantity of storm water:	19.17 m3/min
	Size of SWD:	450
Sewage and Waste water	Sewage generation in KLD:	179.82
	STP technology:	Reverse Membrane Bioreactor technology (RMBR)
	Capacity of STP (CMD):	180 KLD
	Location & area of the STP:	119.16 sq m.
	Budgetary allocation (Capital cost):	Rs. 27,80,000 /-
	Budgetary allocation (O & M cost):	Rs. 2,16,000 /-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	The entire construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads.
Waste generation in the operation Phase:	Dry waste:	259 kg/day
	Wet waste:	421.8 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	16.2
	Others if any:	Not Applicable



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 23 of 142

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

Mode of Disposal of waste:	Dry waste:	To Authorized recycler.
	Wet waste:	Treatment through Organic Waste composter.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	After treatment will be used as manure.
	Others if any:	Not Applicable
Area requirement:	Location(s):	At basement of building E
	Area for the storage of waste & other material:	35 sq. m
	Area for machinery:	19.6 sq. m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14,46,000 /-
	O & M cost:	Rs.58,560 /-

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

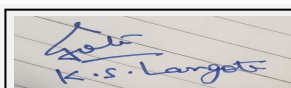
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 24 of 142

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

43.Green Belt Development	Total RG area :	RG on ground : 2527.14 Sq.m(Excluding Club house & swimming pool) RG on podium : 6893 Sq.m Landscape area(periphery boundary) : 922.86 Sq.m
	No of trees to be cut :	0
	Number of trees to be planted :	0
	List of proposed native trees :	318
	Timeline for completion of plantation :	3 to 5 years

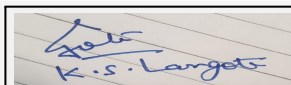
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Swietenia mahagoni	Mohogani	13	Greenish white scented flowers
2	Azadirachta indica	Neem	7	Medicinal value
3	Bauhinta balckena	kanchan	13	Ornamental & scented flowers
4	Bombax ceiba	Kate savar	12	Dust & urban pollution tolerant
5	Cassia fistula	Bahava	12	Drought resistant
6	Ficus elastica	Rubber	11	Commercial value
7	Ficus bengalensis	Wad	4	Evergreen , religious
8	Manikara cumini	Chikko	15	Fruit bearing
9	Psidium guajava	Gauva	18	Fruit bearing
10	Lagerstroemia speciosa	Taman	19	Ornamental
11	Michelia champaca	Piwala chafa	15	Fragrant , evergreen tree, flowering
12	Millingtonia hortensis	Booch	14	Fragrant , evergreen tree
13	Caryota urenus	Fish tail palm	15	Evergreen tree
14	Mimussops elengi	Bakul	10	Fragrant , evergreen tree
15	Murraya paniculata	Kamini	13	Ornamental & scented flowers
16	Nyctanthes arbortristis	Parijatak	14	Ornamental & flowering
17	Muntingia calabura	Cherry	14	Edible fruit
18	Mangifera indica	Mango	20	Fruit bearing
19	Pterospermum acerifolium	Muchkund	14	Evergreen tree
20	Saraca indica	Ashoka	18	Sacred tree
21	Schleichera olesa	Kusum	16	Ornamental
22	Terminalia arjuna	Arjun	20	Noise resistant
23	Annona reticulata	Custard apple	11	Fruit bearing, evergreen tree

45.Total quantity of plants on ground

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

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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 25 of 142

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

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	50 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	3257.59 KW
	During Operation phase (Demand load):	1519.27 KW
	Transformer:	3 no's of 630 KVA
	DG set as Power back-up during operation phase:	4 no's of 250 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Solar Water Heating - Proposed Building consists of 6 no's of residential buildings. Hot water demand for the same will be sufficed by Solar Water heating system installed on rooftop. The solar water system is of 11250 lit/day.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	T5 light fixtures lamps for common area lights, external, street lights & landscape lighting. + Solar hot water system	23.53 %

50. Details of pollution control Systems

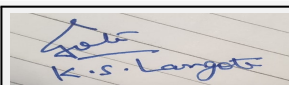
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 41,99,653 /-
	O & M cost:	Rs. 1,33,440 /-

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	Water for Dust Suppression	Rs. 1,06,000/-
2	Health & Safety , land	Site Sanitation & Safety	Rs.26,500/-
3	Environment management	Environmental Monitoring	Rs. 1,20,000/-



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 26 of 142

Name: K S Langote

Signature: [Signature]

Shri. Anil Kale (Chairman SEAC-III)

4	Health & Safety	Disinfection	Rs. 88,000/-
5	Health & Safety	Health Check up	Rs. 45,000/-

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	06 pits	Rs. 4,16,916 /-	Rs. 30,000 /-
2	Sewage Treatment Plant	1 STP	Rs. 27,80,000 /-	Rs. 2,16,000 /-
3	Organic Waste Composting	1 OWC	Rs. 14,46,000 /-	Rs. 58,560 /-
4	Tree Plantation	318 no's of trees	Rs.1,77,50,000 /-	Rs. 17,80,000 /-
5	Energy saving	Solar hot water system	Rs. 41,99,653 /-	Rs. 1,33,440 /-
6	Environment Monitoring	Environment management	-	Rs. 1,20,000/-
7	Basement Ventilation	-	Rs. 60,00,000 /-	Rs. 1,80,000 /-
8	Swimming pool	-	Rs. 7,00,000 /-	Rs. 2,40,000 /-

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

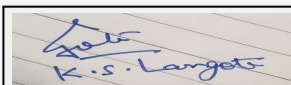
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Existing DP road of 15 m
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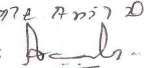


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

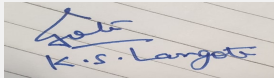
Page 27 of 142

Name: K. S. Langote

Signature: 

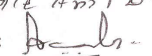
Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	2 basement /building.
	Number and area of podia:	1 podium/building. Area of 1 podium : 260.87 sq.m
	Total Parking area:	11510 sq. m
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	628
	Number of 4-Wheelers as approved by competent authority:	770
	Public Transport:	Pune city buses
	Width of all Internal roads (m):	6.00
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 kms
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


K.S.Langote (Secretary
SEAC-III)

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 28
of 142**

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

Environment Clearance for Expansion of Proposed Residential Project "Belmac Residences" at S. No. 38A/2, CTS no. 3106 to 3114, Vadgaon Sheri Dist. Pune, Maharashtra by M/s. Supreme Holdings & Hospitality (India) Limited.

PP submitted their application for Expansion of Environmental clearance for total plot area of 25459.10 Sq. Mtrs, BUA of 93469.09 Sq. Mtrs and FSI area of 33758.74 Sq. Mtrs. PP proposes to construct 6 nos. of Housing buildings and 1 club house.

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

DECISION OF SEAC

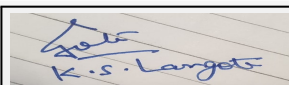
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to relocate STP from RG area as shown in plan.
- 2) PP to submit Water NOC.
- 3) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.

FINAL RECOMMENDATION

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



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 29
of 142**

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

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

71st Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 71 Meeting Date September 21, 2018

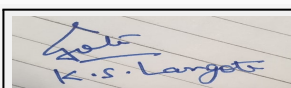
Subject: Environment Clearance for Proposed development Gagan Klara at Balewadi

Is a Violation Case: No

1.Name of Project	Gagan Klara
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Garg
4.Name of Consultant	VK: e environmental LLP
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 38/8A (P)
9.Taluka	Haveli
10.Village	Balewadi
Correspondence Name:	Rahul Garg
Room Number:	NA
Floor:	3rd
Building Name:	Marvel Aliana
Road/Street Name:	Koregaon park road
Locality:	Koregaon Park
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Under Process
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	8900
16.Deductions	609.36
17.Net Plot area	8290.64
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17603.98
	b) Non FSI area (sq. m.): 17070.65
	c) Total BUA area (sq. m.): 34674.64
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)	1717.97
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.72
21.Estimated cost of the project	800000000

22.Number of buildings & its configuration

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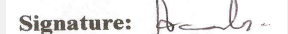


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

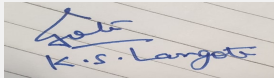
Page 30 of 142

Name: K. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

1	Tower A	2B+G+17	53.30	
2	Tower B	2B+G+17	53.30	
3	Tower C	2B+G+17	53.30	
4	Commercial +LIG	2B+G+Mez+6	24.00	
23.Number of tenants and shops	204 Residential tenements + 32 LIG+8 Shops+ 12 Offices			
24.Number of expected residents / users	1216 no.s and Commercial population: 148 no.s			
25.Tenant density per hectare	1366.29			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.0 m			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m			
29.Existing structure (s) if any	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				



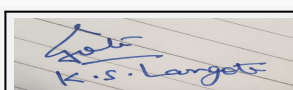
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 31 of 142

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

Dry season:	Source of water	PMC								
	Fresh water (CMD):	117.36 m3/day								
	Recycled water - Flushing (CMD):	58.42 m3/day								
	Recycled water - Gardening (CMD):	5.16 m3/day								
	Swimming pool make up (Cum):	2 m3/day								
	Total Water Requirement (CMD) :	182.94 m3/day								
	Fire fighting - Underground water tank(CMD):	300 m3/day								
	Fire fighting - Overhead water tank(CMD):	55 m3/day								
	Excess treated water	95.42 m3/day								
Wet season:	Source of water	PMC								
	Fresh water (CMD):	117.36 m3/day								
	Recycled water - Flushing (CMD):	58.42 m3/day								
	Recycled water - Gardening (CMD):	00.00								
	Swimming pool make up (Cum):	2 m3/day								
	Total Water Requirement (CMD) :	177.78 m3/day								
	Fire fighting - Underground water tank(CMD):	300 m3/day								
	Fire fighting - Overhead water tank(CMD):	55 m3/day								
	Excess treated water	100 m3/day								
Details of Swimming pool (If any)	Ozone system with chlorination unit along with the entire setup for water filtration and control panel.									
	Details of quality to be achieved for swimming pool water: pH = 7 to 7.6 Chlorine content = 0.8 to 1 ppm									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Water Requirement										
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

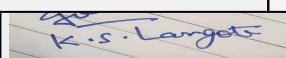



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 32 of 142

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

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon water level = 3.70m bgl Post monsoon water level = 9.70 m bgl	
	Size and no of RWH tank(s) and Quantity:	NA	
	Location of the RWH tank(s):	NA	
	Quantity of recharge pits:	3 Pits	
	Size of recharge pits :	2 m x 2m x 2m	
	Budgetary allocation (Capital cost) :	1,99,000/-	
	Budgetary allocation (O & M cost) :	15,000/-	
	Details of UGT tanks if any :	UGWT Domestic 194 m3/day Raw 50 m3/day Fire 300 m3/day Flushing 64 m3/day Total 608 m3/day	
35. Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be led to recharge pits and surplus shall be discharged into the municipal storm water drains.	
	Quantity of storm water:	Max. storm water runoff: - 11.55 m3/min	
	Size of SWD:	Max. Diameter of Storm water drain: Internal - 450 mm, External - 600mm	
Sewage and Waste water	Sewage generation in KLD:	159	
	STP technology:	MMBR	
	Capacity of STP (CMD):	1 STP of 159 kld	
	Location & area of the STP:	Near OWC	
	Budgetary allocation (Capital cost):	37,00,000/-	
	Budgetary allocation (O & M cost):	11,00,000/-	
36. Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	50 kg/day	
	Disposal of the construction waste debris:	Authorized site	
Waste generation in the operation Phase:	Dry waste:	265.4 kg/day (Residential: 243.2 kg/day, commercial 22.2 kg/day)	
	Wet waste:	379.6 kg/day (Residential: 364.8 kg/day, commercial 14.8 kg/day)	
	Hazardous waste:	NA	
	Biomedical waste (If applicable):	NA	
	STP Sludge (Dry sludge):	22.5 kg/day	
	Others if any:	NA	
 K.S. Langote (Secretary SEAC-III)	SEAC Meeting No: 71 Meeting Date: September 21, 2018	Page 33 of 142	Signature:  Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler for further handling & disposal purpose
	Wet waste:	Through Organic Waste Convertor. Generated manure will be used for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure for gardening purpose or will be disposed off as per CPHEEO manual on sewerage & sewage treatment system, 2013
	Others if any:	NA
Area requirement:	Location(s):	Near STP
	Area for the storage of waste & other material:	10 Sq.m
	Area for machinery:	32 Sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	14,75,000/-
	O & M cost:	3,90,000/-

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

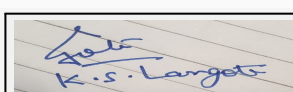
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1 DG set of 250 kVA capacity	Approx. 31.8 Kg/hr per DG set	1	3.16	5 inches	500-400 Deg Celsius

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: Petrol pump in the premise



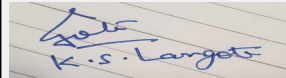
K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 34 of 142

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

42.Mode of Transportation of fuel to site		By road		
43.Green Belt Development	Total RG area :	829.06 Sq.m		
	No of trees to be cut :	1		
	Number of trees to be planted :	114		
	List of proposed native trees :	List of proposed trees is given 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	Anthocephalus cadamba	Kadamb	10	Shady, large tree, ball shaped flowers.
2	Terminalia catappa	Badam	10	Tall deciduous, fruit bearing tree
3	Bauhinia purepurea	Kanchan	10	Pink flowers, flowering tree
4	Plumeria alba	Champa	10	Ornamental flowering plant
5	Plumeria rubra	Lalchafa	10	Red flowers
6	Callistemon viminalis	Weeping bottlebrush	10	Attract native bird
7	Ficus benjamina	Weeping fig	11	Extremely important food resources for wildlife
8	Cassia javanica	Apple blossom cassia	10	Flowering tree
9	Cordia sebestana	Geiger Tree	10	Flowering tree
10	Putranjiva roxburghi	Putranjiva	10	Shady tree with red -yellow flowers
11	Areca catechu	Supari	10	Palm species
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
47.Energy				



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 35 of 142

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	39.6 kW
	DG set as Power back-up during construction phase	150 kVA
	During Operation phase (Connected load):	2120.47 kW
	During Operation phase (Demand load):	854.38 kW
	Transformer:	2*630 kVA
	DG set as Power back-up during operation phase:	250 kVA
	Fuel used:	Low density fuel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. Solar Passive Design Concepts
2. The building design shall incorporate shading devices as part of fenestration design.
3. All the habitable spaces have an external facade thereby providing optimum daylight.
4. The heat reflective finish shall have high SRI (Solar Reflectance Index) which will help in reflecting the incident solar radiation thus reducing heat gains through the exposed roof.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Type of roof top shading/coating: High SRI paint or reflective china mosaic U value of walls on east and west side: U-Value : 1.48 W/Sq. m*K	12.9 %

50. Details of pollution control Systems

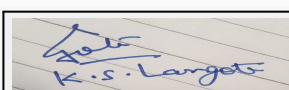
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	8,23,000/-
	O & M cost:	36,000/-

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Health and Safety	Site Sanitation & Safety	4,80,000/-
2	Health and safety	Disinfection	18,000/-
3	Land , water, noise and air environment	Environmental Monitoring	1,08,000/-



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 36 of 142

Name: K. S. Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

4	Health and safety	Personal protective equipment	1,20,000/-
5	Health and safety	Health Check up	20,000/-

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain water harvesting	Recharge pits	1,99,000/-	15,000/-
2	Sewage Treatment Plant	STP of MBBR Technology of 159 kld capacity	37,00,000/-	11,00,000/-
3	Organic Waste Converter	1 OWC Machine	14,75,000/-	3,90,000/-
4	Landscape	Tree Plantation	1,12,000/-	2,50,000/-
5	Energy savings	Energy Conservation Measures	8,23,000/-	36,000/-
6	Environmental Monitoring	Air, water, noise, soil monitoring	-	84,000/-

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

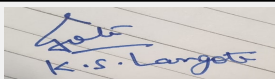
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

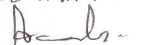
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The development will be accessible from proposed 18 m wide road.
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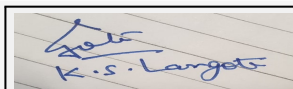

K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 37 of 142

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

Parking details:	Number and area of basement:	2 levels basement, 8440 Sq.m
	Number and area of podia:	NA
	Total Parking area:	9698
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	590
	Number of 4-Wheelers as approved by competent authority:	334
	Public Transport:	NA
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	NA
	Other Relevant Informations	The layout consist of 2 buildings; 1 is residential tower consisting of 3 wings which are interconnected to each other and the other is commercial building.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 38 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for Proposed development Gagan Klara at Balewadi S. No. 38/8A (P) Balewadi by Gagan Klara

PP submitted their application for prior Environmental clearance for total plot area of 8900 Sq. Mtrs, BUA of 34674.64 Sq. Mtrs and FSI area of 17603.98 Sq. Mtrs. PP proposes to construct 3 nos. of Housing buildings and 1 commercial building.

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

DECISION OF SEAC

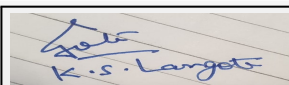
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit existing tree list.
- 2) PP to submit revised derbies management plan.
- 3) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.

FINAL RECOMMENDATION

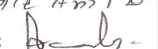
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 39
of 142**

Name: K. Anil Kale
Signature: 

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

71st Meeting of SEAC-3 (Day-2)

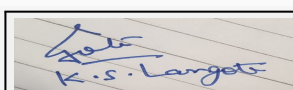
SEAC Meeting number: 71 Meeting Date September 21, 2018

Subject: Environment Clearance for Application for Environment Clearance for Proposed Residential Construction Project

Is a Violation Case: No

1.Name of Project	Amara
2.Type of institution	Private
3.Name of Project Proponent	Mr. Kavish Thakwani
4.Name of Consultant	EMP consultant : Oasis Environmental Foundation, accredited by NABET, the scope of Consultancy is limited to preparation of environmental management plan only. (In accordance with EIA amendment notification 3rd March 2016)
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 24 (P), 26 (P), Village: Udri, Tal: Haveli, Dist: Pune.
9.Taluka	Haveli
10.Village	Undri
Correspondence Name:	Mr. kavish Thakwani
Room Number:	T7
Floor:	1st
Building Name:	Nucleus Mall
Road/Street Name:	Camp
Locality:	Camp
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD from Pune Municipal Corporation is in process IOD/IOA/Concession/Plan Approval Number: In process Approved Built-up Area:
13.Note on the initiated work (If applicable)	Work is not initiated.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	10612
16.Deductions	90.45
17.Net Plot area	10522.16
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 22091.27
	b) Non FSI area (sq. m.): 16377.87
	c) Total BUA area (sq. m.): 38469.14
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	3663.42
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40.96 %
21.Estimated cost of the project	500000000

22.Number of buildings & its configuration



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 40 of 142

Name: K. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

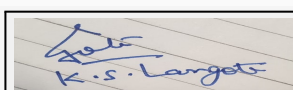
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	S + P1 + 12	42.84
2	B	B + S + P1 + 12	42.84
3	C	B + S + P1 + 12	42.84
4	D (MHADA)	S + P1 + 11	39.78
5	Club House	G + 1	6

23.Number of tenants and shops	311 number of tenements , No shops
24.Number of expected residents / users	expected resident are 1555 no's.
25.Tenant density per hectare	1668 tenants/hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12 mt
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 mt
29.Existing structure (s) if any	Nil
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)

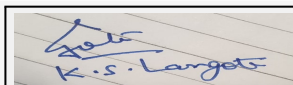
SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 41 of 142

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

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC							
	Fresh water (CMD):	144.9							
	Recycled water - Flushing (CMD):	70.4							
	Recycled water - Gardening (CMD):	6.25							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	221.55							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	75							
	Excess treated water	125							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	144.9							
	Recycled water - Flushing (CMD):	70.4							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	215.3							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	75							
	Excess treated water	131							
Details of Swimming pool (If any)	Nil								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



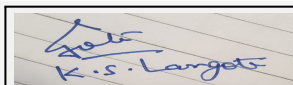
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 42 of 142

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	300 ft.
	Size and no of RWH tank(s) and Quantity:	Nil
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	24
	Size of recharge pits :	1.5 x 1.5 x 2
	Budgetary allocation (Capital cost) :	964384.00
	Budgetary allocation (O & M cost) :	45000.00
	Details of UGT tanks if any :	UG Domestic Tank - 93.30 cu. m. UG Flushing Tank - 46.65 cu. m.
35.Storm water drainage	Natural water drainage pattern:	Please refer annexure - contour plan attached with Foem 1, 1A
	Quantity of storm water:	220
	Size of SWD:	500 mm wide with slope of 1 :3
Sewage and Waste water	Sewage generation in KLD:	201
	STP technology:	Sequential Batch Reactor (SBR) Technology
	Capacity of STP (CMD):	1 No. of STP with 220 KLD capacity
	Location & area of the STP:	Refer services location plan attached with form 1, 1A
	Budgetary allocation (Capital cost):	2360000.00
	Budgetary allocation (O & M cost):	144000.00
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	11722
	Disposal of the construction waste debris:	Excavated Earth will be used as filling material, debris for road leveling
Waste generation in the operation Phase:	Dry waste:	311 Kg/Day
	Wet waste:	467 Kg/Day
	Hazardous waste:	Nil
	Biomedical waste (If applicable):	Nil
	STP Sludge (Dry sludge):	9 Kg/Day
	Others if any:	Nil



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 43 of 142

Name: K. S. Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Through Authorized Vendor
	Wet waste:	Through natural waste composting
	Hazardous waste:	nil
	Biomedical waste (If applicable):	nil
	STP Sludge (Dry sludge):	used as manure
	Others if any:	nil
Area requirement:	Location(s):	Please refer services location layout attached as a naanexure with form 1, 1A
	Area for the storage of waste & other material:	50 Sqm
	Area for machinery:	400 Sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	1.5 lac
	O & M cost:	0.40 lac

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

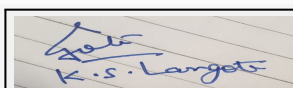
39. Stacks emission Details

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

40. Details of Fuel to be used

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

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



K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

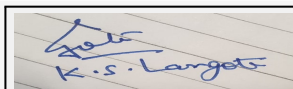
Page 44 of 142

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

43.Green Belt Development	Total RG area :	1250 SQM
	No of trees to be cut :	Nil
	Number of trees to be planted :	149
	List of proposed native trees :	Refer Annexure landscape details Attached with Form 1, 1A
	Timeline for completion of plantation :	5 years

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anthocephalus Cadamba	Kadamba	2	Medicinal value, to control soil erosion, Birds, squirrels, monkey eat fruits
2	Azadirakhta Indica	Neem	4	Medicinal value, To control soil erosion, To improve soil erosion
3	Area Catechu	Supari	6	Medicinal value, fruit chewable
4	Bauhinia Purpurea	Raktakanchan	11	Medicinal value
5	Butea Monosperma	Palas	4	Medicinal value, Bird attracting species , To control soil erosion.
6	Caryota Mitis/ urens	Surmad	11	Grown in any type of soil. Very Hardy.
7	Cassia Fistula	Bahava	11	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
8	Cordia Dichomata	Bhokar	8	Medicinal value, Edible fruits
9	Erythrina Indica	Pangara	5	Fragrant flowers, Drought tolerant species, Birds attracting
10	Lagerstroemia Speciosa	Taman	5	use as a medicine and source of materials,
11	Mangifera Indica	Amba	2	Edible fruit, Bird attracting species.
12	Polyalthia Longifolia	Ashok	7	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
13	Millingtonia Hortensis	Buch	17	Evergreen, ornamental, and the pleasant fragrance of the flowers
14	Mimusops Elengi	Bakul	12	Fragrant flowers, Medicinal value, To control soil erosion.
15	Ficus Benjamina Black	Ficus	8	Edible fruit, Bird attracting species.
16	Terminalia Mentalle	Indian X-mas	16	ornamental
17	Plumeria Alba	Pandhara Chafa	5	Fragrant flowers, ornamental, To control soil erosion.
18	Plumeria Rubra	Gulabi Chafa	6	Fragrant flowers, ornamental, To control soil erosion.



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 45 of 142

Name: K. S. Langote

Signature: Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

19	Syzigium Cumini	Jambhul	3	Edible fruit, Bird attracting species.
20	Spathodea Companulata	Fountain Tree	6	ornamental

45.Total quantity of plants on ground

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

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200 KW
	DG set as Power back-up during construction phase	Approx.250 KVA x 1 No. as backup
	During Operation phase (Connected load):	5560 KW
	During Operation phase (Demand load):	2780KW
	Transformer:	1250 KVA X 3 Nos
	DG set as Power back-up during operation phase:	150 KVA X 4 Nos.(1 no. per building)
	Fuel used:	Diesel -35 liters. /hr. each DG.
	Details of high tension line passing through the plot if any:	Nil

48.Energy saving by non-conventional method:

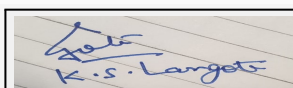
By using solar water heaters 400 KW saving shall be done

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED light fixtures throughout the premises	24 KW
2	Solar water heater	400 KW

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
waste water generation from domestic use	Not applicable	STP of 2220 KLD shall be installed to treat waste water generated from domestic uses
solid waste management	Not applicable	Waste composting machine will be installed



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 46 of 142

Name: K. S. Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	21.0 lac
	O & M cost:	0.28 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	Erosion control	Dust suppression measures & barricading	5.0
2	Site safety	Nets	2.0
3	Site sanitation	Public toilets for labour	2.0
4	Disinfection & health checkup	for labour	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	Waste water - STP	For STP of capacity 220 CMD	23.60	2.36
2	Solid waste management- Waste converter machine	For natural composting machine	14.75	3.40
3	Rain water harvesting- RWH Pits	For RWH pits	9.46	0.45
4	Landscape details	For plantation of 149 no of trees	13.75	3.6
5	Storm water managment	for internal storm water pipelines	3.31	0.12
6	conventional energy (Solar water heaters)	solar water heaters	21.00	0.28
7	Environment Monitoring	water waste water, air, noise monitoring	-	1.0
8	safety training & awareness	For workers and resident	6.0	1.5

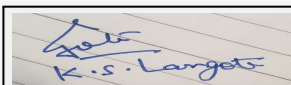
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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



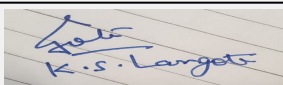
**K.S.Langote (Secretary
SEAC-III)**

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 47
of 142**

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

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	1 No. of basement - Area 2022.7 SQM
	Number and area of podia:	1 No. of Podium - 3149.03 SQM
	Total Parking area:	306
	Area per car:	BASEMENT - 35 SQM/CAR, PODIUM-35 SQM, STILT- 30 SQM, OPEN -25 SQM
	Area per car:	BASEMENT - 35 SQM/CAR, PODIUM-35 SQM, STILT- 30 SQM, OPEN -25 SQM
	Number of 2-Wheelers as approved by competent authority:	637 NUMBER OF 2-WHEELERS
	Number of 4-Wheelers as approved by competent authority:	306 Number of 4 wheelers
	Public Transport:	Nil
	Width of all Internal roads (m):	6 MT
	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) B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 48 of 142

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

Environment Clearance for Application for Environment Clearance for Proposed Residential Construction Project at S. No. 24 (P), 26 (P), Village: Udri, Tal: Haveli, Dist: Pune by Mr. Kavish Thakwani.

PP submitted their application for Expansion of Environmental clearance for total plot area of 10612Sq. Mtrs, BUA of 38469.14Sq. Mtrs and FSI area of 22091.27Sq. Mtrs. PP proposes to construct 4 no. residential building and 1 club house.

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

DECISION OF SEAC

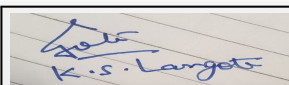
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the following conditions.

Specific Conditions by SEAC:

- 1) PP to submit revised sewer line connectivity up to final disposal point
- 2) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.
- 3) PP to submit CFO NOC.

FINAL RECOMMENDATION

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



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 49
of 142**

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

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

71st Meeting of SEAC-3 (Day-2)

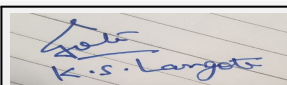
SEAC Meeting number: 71 Meeting Date September 21, 2018

Subject: Environment Clearance for Proposed Residential building project.

Is a Violation Case: No

1.Name of Project	'Royal Palms'
2.Type of institution	Private
3.Name of Project Proponent	Mr. Latif Ahmed Manjothi
4.Name of Consultant	Sneha Hi-Tech products
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 20, Hissa No. 1 to 7, Mohhammed Wadi, Nibm Annex, Behind Marvel Sangria, Pune - 411 048, Maharashtra.
9.Taluka	Pune
10.Village	Pune
Correspondence Name:	Latif Ahmed Manjothi
Room Number:	Office No 402,
Floor:	4th Floor,
Building Name:	Kapila Matrix, Next to Hotel Westin,
Road/Street Name:	Mundhwa Road,
Locality:	Koregaon Park, Ghorpadi,
City:	Pune - 411 036
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Plan was earlier sanctioned by PMC vide letter no. 20 MEI / 703, Dt. 07/07/2017. We had applied to PMC for revised sanction on 18.01.2018
	IOD/IOA/Concession/Plan Approval Number: Earlier sanction number 20 MEI / 703, Dt. 07.07.2017 Revised sanction is in process. Revised built up area is yet to approve.
	Approved Built-up Area: 9212.51
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.)	13,500 m2
16.Deductions	3,058.19 m2
17.Net Plot area	10,441.81 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 31,547 m2
	b) Non FSI area (sq. m.): 30,889 m2
	c) Total BUA area (sq. m.): 62437
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)	4,278.23 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	32 %
21.Estimated cost of the project	1620000000

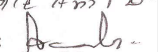
22.Number of buildings & its configuration



K.S.Langote (Secretary SEAC-III)

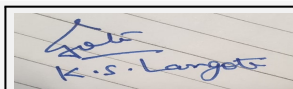
SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 50 of 142

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	B+G +P1+P2+31 Floors	102 mtrs.	
2	Not Applicable	Not Applicable	Not Applicable	
23.Number of tenants and shops	Tenements: 425 nos.			
24.Number of expected residents / users	Residents: 2125 nos.			
25.Tenant density per hectare	250/H			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 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	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)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 51 of 142

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

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	191 m3/day
	Recycled water - Flushing (CMD):	96 m3/day
	Recycled water - Gardening (CMD):	63 m3/day
	Swimming pool make up (Cum):	6.5 m3/day
	Total Water Requirement (CMD) :	356.5 m3/day
	Fire fighting - Underground water tank(CMD):	150 m3
	Fire fighting - Overhead water tank(CMD):	50 m3
	Excess treated water	109 m3/day

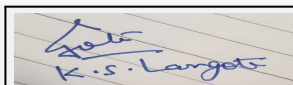
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	191 m3/day
	Recycled water - Flushing (CMD):	96 m3/day
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	6.5 m3/day
	Total Water Requirement (CMD) :	356.5 m3/day
	Fire fighting - Underground water tank(CMD):	150 m3
	Fire fighting - Overhead water tank(CMD):	50 m3
	Excess treated water	172 m3/day

Details of Swimming pool (If any)

Daily make up water requirement: 6.5 m3/day
Swimming Pool details:
Size of Main Pool: 26 m x 7 m x 1.2 m water depth
Size of Kids Pool: 16.75 m x 3.35 m x 0.6 m water depth
Size of Infinity Overflow Tank: 26 m x 0.6 m water depth
Capacity of Pool: 283.3 Cum.
Capacity of Balancing Tank: 28.0 Cum.
Total Capacity of Pool: 311.3 Cum.
Type of Pool: Infinity Edge
Free Board: 6"

33.Details of Total water consumed

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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 52 of 142

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

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	3.95 meter below ground level	
	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 m x 2 m x 2 m	
	Budgetary allocation (Capital cost) :	Rs.1.93 Lakhs	
	Budgetary allocation (O & M cost) :	Rs. 0.2 Lakhs	
	Details of UGT tanks if any :	Domestic Water: 300 m3 Flushing: NA Fire fighting: 150 m3	
35. Storm water drainage	Natural water drainage pattern:	Existing drainage line of 450 mm	
	Quantity of storm water:	466. 24 m3/hr	
	Size of SWD:	450 mm, 200 mm, 150 mm	
Sewage and Waste water	Sewage generation in KLD:	268 KLD	
	STP technology:	MBBR system	
	Capacity of STP (CMD):	1 STP of capacity 285 m3/day	
	Location & area of the STP:	Location: Above Ground, Area: 177 m2	
	Budgetary allocation (Capital cost):	Rs. 64.69 Lakhs	
	Budgetary allocation (O & M cost):	Rs. 9.03 Lakhs	
36. Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Total quantity of excavation: 34,535 cum, Quantity of back fill from excavated earth: 13,814 cum, Quantity of earthwork used in site leveling/reclamation: 18,360 cum, Domestic Solid Waste from labour camp: 12.5 Kg/day	
	Disposal of the construction waste debris:	It will be used for back fill & site leveling.	
Waste generation in the operation Phase:	Dry waste:	425 kg/day	
	Wet waste:	638 kg/day	
	Hazardous waste:	Small quantity of DG set used oil, paints etc	
	Biomedical waste (If applicable):	Not Applicable	
	STP Sludge (Dry sludge):	26 kg/day	
	Others if any:	E- waste: 1,063 kg/year	
K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 71 Meeting Date: September 21, 2018	Page 53 of 142	Signature:  Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Will be handed over to SwaCH agency
	Wet waste:	Will be treated in Organic Waste Converter
	Hazardous waste:	Handed over to authorized Vendor
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Dried and used as manure for gardening
	Others if any:	E - waste: Sale to authorized vendor
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	5 m x 3 m
	Area for machinery:	75 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20.75 Lakhs
	O & M cost:	Rs. 4.92 Lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

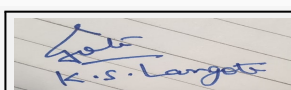
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

40. Details of Fuel to be used

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



K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

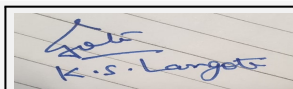
Page 54 of 142

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

43.Green Belt Development	Total RG area :	1,228.48 m2
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	152 on ground, 15 on raised garden
	List of proposed native trees :	Given below
	Timeline for completion of plantation :	Before completion of project

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Shirish	Albizia lebeck	8	Shady tree, yellowish green fragrant flowers
2	Neem	Azadiracta indica	5	Evergreen tree, fast growing
3	Sita Ashok	Saraca asoka	6	Shady tree with red-yellow flowers.
4	Kadamb	Anthocephallus cadamba	8	Shady, large tree, ball shaped flowers.
5	Tamhan	Lagerstroemia flos-regineae	4	State flower tree of Maharashtra. Medium sized tree, beautiful purple flowers
6	Kunti	Murraya paniculata	8	Small tree, Fragrant white flowers, Butterfly host plant
7	Chiku	Manilkara zapota	10	Medium size , fruit bearing tree
8	Mango	Mangifera indica	8	Tall, fruit bearing tree
9	Jambhul	Syzygium cumini	6	Dense ornamental, fruit bearing tree
10	Peru	Psidium guajava	8	Medium size , fruit bearing tree
11	Nandruk	Ficus retusa	5	Medium sized evergreen tree, Shady tree.
12	Son chafa	Michelia champaca	4	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
13	Fish tail palm	Caryota urens	6	Tall evergreen tree
14	Badaam	Terminalia catapa	5	Fruit bearing, drought tolerant
15	Arjuna	Terminalia arjuna	8	Large evergreen tree
16	Crape-myrtle	Lagerstromia Lanceolata	8	Medium deciduous tree. Flowers attract many birds
17	Shisham, Indian Rosewood	Dalbergia latifolia	8	Drought tolerant
18	Kindal	Terminalia paniculata	4	Drought tolerant
19	Rain tree	Samanea saman	6	Large deciduous tree. Flowering
20	Tabebuia Pink	Tabebuia avellanadae	6	Large deciduous tree. Pink flowering
21	Tabebuia Yellow	Tabebuia argentea	6	Deciduous tree, ornamental, yellow flowers
22	Mahagony	Swietenia mahagoni	5	Large evergreen tree
23	Chafa	Plumeria alba	10	Fragrant white-yellow flowers



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 55 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

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	Bahava (Cassia fistula)	4	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
2	Parijatak (Nyctanthes arbor-tritis)	4	Small deciduous fast growing tree, beautiful flowers
3	Apta (Bauhinia racemosa)	4	Small tree with small white flowers, Butterfly host plant
4	Pangara (Erythrina indica)	3	Medium sized deciduous tree. Bright scarlet flowers.

47.Energy

Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	1 nos. x 82.5 KVA
	During Operation phase (Connected load):	2,073 KW
	During Operation phase (Demand load):	926 KW
	Transformer:	2 nos. x 630 KVA
	DG set as Power back-up during operation phase:	1 nos. x 250 KVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	Not Applicable	

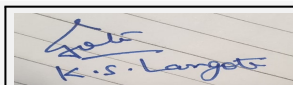
48.Energy saving by non-conventional method:

1. Auto Timer control for external & Common lighting
2. Use of CFL / LED lamps in all public/ common areas.
3. Solar powered water heating.
4. Electronic V3F Drives for Elevators
5. Solar PV Panel power for common area lighting.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	13,500 KWH / Anum
2	Timer Logic Controller	69,572 KWH / Anum
3	Electronic V3F drive for Lifts	26,140 KWH / Anum
4	Solar Water Heater	5,91,600 KWH / Anum

50.Details of pollution control Systems



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 56 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

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. 75.73 Lakhs
	O & M cost:	Rs. 2.53 Lakhs

51.Environmental Management plan Budgetary Allocation

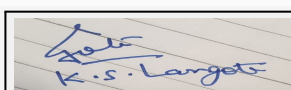
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	To control air pollution	Water for Dust Suppression	2
2	To maintain hygienic condition	Site Sanitation, Disinfection & Safety	3
3	Air, water, noise and soil analysis	Environmental Monitoring	2
4	To check fitness of workers	Health Check up	2
5	To manage environmental issues	Environment Management Cell	1.6
6	Total	NA	10.6

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	To harvest rain water	1.93	0.2
2	Sewage Treatment Plant	To treat sewage	64.69	9.03
3	Organic Waste Composting	To treat biodegradable solid waste	20.75	4.92
4	Green Belt Development	Tree plantation	61.15	4.55
5	Energy saving	For use of solar lighting and solar heater	75.73	2.53
6	Environment Monitoring	Air, water, noise and soil analysis	--	3
7	Laying of Storm line up to final disposal point	For proper storm water disposal	6	0.9
8	Laying of Sewer line up to final disposal point	For proper disposal of sewage	6	0.9
9	Basement Ventilation	For proper ventilation	2	0.5
10	Environment Management Cell	To manage environmental issues	--	0.65
11	Total	NA	238.25	27.18

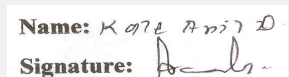
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 57 of 142

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

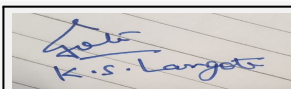
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 no. of junction to main road towards West
Parking details:	Number and area of basement:	No. of basement: 1 Area of basement: 5,392 m ²
	Number and area of podia:	No. of podium: 2 Area of podium: 8,647 m ²
	Total Parking area:	12,595.35 m ²
	Area per car:	Basement: 37.1 m ² , Stilt Covered: 31.2 m ² , Podium 1: 31.25 m ² , Podium 2: 30.5 m ²
	Area per car:	Basement: 37.1 m ² , Stilt Covered: 31.2 m ² , Podium 1: 31.25 m ² , Podium 2: 30.5 m ²
	Number of 2-Wheelers as approved by competent authority:	Scooters: 892, provided: 897
	Number of 4-Wheelers as approved by competent authority:	Cars: 446, provided: 451
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Internal Driveway: 6 m, 9.9 m, 11 m & 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(a), B category
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 58 of 142

Name: K. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed Residential building project Royal Palms' at S. No. 20, Hissa No. 1 to 7, Mohammed Wadi, Nibm Annex, Behind Marvel Sangria, Pune - 411 048, Maharashtra by Mr. Latif Ahmed Manjothi.

PP submitted their application for prior Environmental clearance for total plot area of 13500 Sq. Mtrs, BUA of 62,437 Sq. Mtrs and FSI area of 31547 Sq. Mtrs. PP proposes to construct 1 no. 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

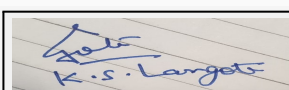
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit High rise NOC.
- 2) PP to submit revised RG area plan with existing and proposed tree list.
- 3) PP to submit CFO NOC.
- 4) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.

FINAL RECOMMENDATION

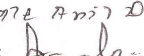
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 59
of 142**

Name: K of A Anil D.
Signature: 

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

71st Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 71 Meeting Date September 21, 2018

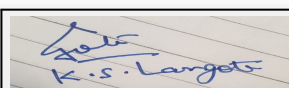
Subject: Environment Clearance for Commercial Construction Project by M/s. Gagan I - Land Township Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	Gagan Commerce Center
2.Type of institution	Private
3.Name of Project Proponent	Sushil Agarwal
4.Name of Consultant	Pollution and Ecology Control Services - EMP Consultant only
5.Type of project	Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot no 262/B, 262/C, CTS NO 23, FINAL PLOT NO. 262, Sangamwadi, Pune
9.Taluka	Haveli
10.Village	sangamwadi
Correspondence Name:	M/s. Gagan I - Land Township Pvt. Ltd.
Room Number:	Gagan Properties
Floor:	2nd floor
Building Name:	Wellesley Court
Road/Street Name:	Wellesley Road
Locality:	Camp
City:	Pune
11.Area of the project	Pune Muncipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area: 10577
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	4588.67 sqm
16.Deductions	438.79 sqm
17.Net Plot area	4149.88 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 14664.19
	b) Non FSI area (sq. m.): 15480.52
	c) Total BUA area (sq. m.): 30144.71
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	1183.05
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	28.5%
21.Estimated cost of the project	750000000

22.Number of buildings & its configuration

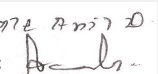
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 60 of 142

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

1	Commercial Building	B1+M1+B2+M2+B3+M3+G+18 Floors	68.85 mtrs
2	Amenity Building	B+M+G+4 Floors	17.5 mtrs

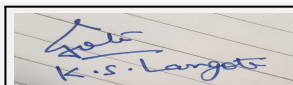
23.Number of tenants and shops	18 Shops + 70 Offices +2 Restaurants
24.Number of expected residents / users	commercial 2291 amenity 101 total 2392
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 Meter
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 Meter
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	36
	Recycled water - Flushing (CMD):	75
	Recycled water - Gardening (CMD):	3
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	111
	Fire fighting - Underground water tank(CMD):	290
	Fire fighting - Overhead water tank(CMD):	72
Excess treated water	22	



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 61 of 142

Name: K S Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Wet season:	Source of water	PMC
	Fresh water (CMD):	36
	Recycled water - Flushing (CMD):	72
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	108
	Fire fighting - Underground water tank(CMD):	290
	Fire fighting - Overhead water tank(CMD):	72
	Excess treated water	25

Details of Swimming pool (If any)

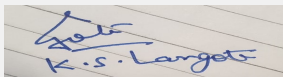
NA

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	36 KLD	36 KLD	Not applicable	3.6 KLD	3.6 KLD	Not applicable	32.4 KLD	32.4 KLD
Gardening	Not applicable	3 KLD	3 KLD	Not applicable	3KLD	3KLD	Not applicable	0	0

34.Rain Water Harvesting (RWH)

Level of the Ground water table:	15-20 M below ground level
Size and no of RWH tank(s) and Quantity:	Not Applicable
Location of the RWH tank(s):	Not Applicable
Quantity of recharge pits:	2
Size of recharge pits :	2m X 1m X 2m
Budgetary allocation (Capital cost) :	75,000
Budgetary allocation (O & M cost) :	10,000
Details of UGT tanks if any :	Domestic/ Treated UG tank Capacity: 72 KL Fire UG tank Capacity: 290 KL Raw Water Storage tank : 35.1 KL

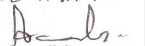


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 62 of 142

Name: K. S. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

35.Storm water drainage	Natural water drainage pattern:	As per Contour
	Quantity of storm water:	2340.22 cum/ yr
	Size of SWD:	600 mm

Sewage and Waste water	Sewage generation in KLD:	93
	STP technology:	FAB Technology
	Capacity of STP (CMD):	1 and 100 CMD
	Location & area of the STP:	Plan Enclosed
	Budgetary allocation (Capital cost):	35,00,000
	Budgetary allocation (O & M cost):	6,42,000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	1% of Raw Material
	Disposal of the construction waste debris:	Evacuated earth material will be used for filling material for plinthj area and top soil for landscaping .

Waste generation in the operation Phase:	Dry waste:	418.16 kg/day
	Wet waste:	179.40 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	6 kg/day
	Others if any:	NA

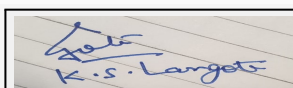
Mode of Disposal of waste:	Dry waste:	Authorized Vender
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	used as manure after owc convertor
	Others if any:	NA

Area requirement:	Location(s):	Plan Enclosed
	Area for the storage of waste & other material:	30 sq.m
	Area for machinery:	30 sq.m

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	10,00,000
	O & M cost:	5,57,000

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 63 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

1	pH	-	7 to 8.5	6.5 to 7.5	Not applicable
2	COD	mg/lit	300 - 400	< 30	250
3	BOD	mg/lit	250 - 300	< 10	10
4	Suspended solids	mg/lit	350 - 450	< 5	50
5	Oil And Grease	mg/lit	10	< 5	Not applicable
6	Total Nitrogen	mg/lit	40 - 50	< 10	Not applicable
7	Total Phosphahate	mg/lit	5 - 7	< 2	Not applicable
8	Faecal Coliform	MPN / 100ml	10 ⁶ /100	N.D.	Not applicable

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	510.19
	No of trees to be cut :	NA
	Number of trees to be planted :	59
	List of proposed native trees :	As per below list
	Timeline for completion of plantation :	1 Year

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

 K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 71 Meeting Date: September 21, 2018	Page 64 of 142	Name: K. Anil D. Signature: [Signature] Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Largerstroemia flos reginae	TAMHAN	9	Official state flower tree
2	Michelia champaca	SONCHAFA	22	Fragrant flowering tree
3	Pterospermum acerifolium	KANAK CHAMPA	23	pollinated by bats
4	Saraca indica	SITA ASHOK	05	Small Flowering tree
45.Total quantity of plants on ground				

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

Serial Number	Name	C/C Distance	Area m2
1	Not Applicable	Not Applicable	Not Applicable

47.Energy

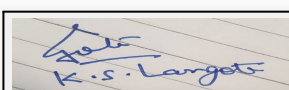
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	39.93 KW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	2433 KW
	During Operation phase (Demand load):	1622 KW
	Transformer:	1250 KVA X 1Nos. + 630 KVA X 1
	DG set as Power back-up during operation phase:	250 KVA - 01 No.
	Fuel used:	High Speed Diesel
	Details of high tension line passing through the plot if any:	NO

48.Energy saving by non-conventional method:

- ? Use of LED in Parking area, lift-lobby and stair-case.
- ? Street/ Landscape lights with LED lamps.
- ? V3F drive is proposed for all lifts.
- ? As per MSEDCL requirements, it is recommended to use low loss Transformer. Losses for Transformer shall, in principal, comply with ECBC norms.
- ? Recommend to attain power factor of the installation near unity.
- ? Independent Energy meters for all pollution control equipments.
- Annual Savings with energy efficient equipment is 3% to 4%

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Common lighting using LED/T5/CFL	41.2 %
2	Solar PV System	67.27 %



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 65 of 142

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

3	Conventional Transformer	5.64 %
4	Automatic timer operation	33.33 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage Generation	Not applicable	STP
Biodegradable Waste	Not applicable	OWC
DG set	Not applicable	Acroscopic Enclosure and canopy

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	78.25 lacs
	O & M cost:	2.06 lacs

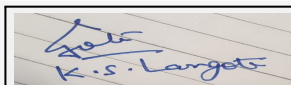
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Dust Suppression measures & barricading	5.0
2	Site Safety	Nets, Barricades	2.0
3	Site Sanitation	Public Toilets	2.0
4	Disinfection & Health Check up	for Labour	2.0
5	Environmental Monitoring	STP, OWC	1.0

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 (including external discharge to ULB sewer line)	to treat waste water	35.0	6.42
2	Solid waste management	to treat solid waste	10.0	5.57
3	Rain water harvesting (including external discharge)	to save water	0.75	0.10
4	Landscape development	to maintain greenery on site	7.50	0.20
5	Storm water management	to collect rain water & reuse	18.00	0.50
6	Storm water management	to collect rain water & reuse	18.00	0.50
7	conventional energy (solar street light)	to save electrical energy	16.20	0.18
8	Environmental Monitoring	to maintain provided environmental services	--	1.0
9	Safety training & awareness	for labours	6.0	1.5



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 66 of 142

Name: K. S. Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

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

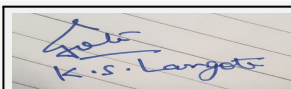
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

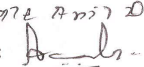
	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	3 Basements including 3 Mezzanine floors, Area - 6095.50Sq Mtrs
	Number and area of podia:	NA
	Total Parking area:	6095.50Sq Mtrs
	Area per car:	12.5 Sq Mtrs
	Area per car:	12.5 Sq Mtrs
	Number of 2-Wheelers as approved by competent authority:	853
	Number of 4-Wheelers as approved by competent authority:	327
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 & 7.5m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 67 of 142

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

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Commercial Construction Project at Plot no 262/B, 262/C, CTS NO 23, Sangamwadi, Pune by M/s. Gagan I - Land Township Pvt. Ltd.

PP submitted their application for prior Environmental clearance for total plot area of 4588.67 Sq. Mtrs, BUA of 30144.71 Sq. Mtrs and FSI area of 14664.19 Sq. Mtrs. PP proposes to construct 1 no. commercial building & 1 no. amenity building.

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

DECISION OF SEAC

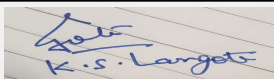
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the following conditions

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.

FINAL RECOMMENDATION

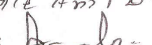
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 68 of 142

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

71st Meeting of SEAC-3 (Day-2)

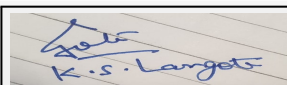
SEAC Meeting number: 71 Meeting Date September 21, 2018

Subject: Environment Clearance for Proposed Residential and Commercial Project

Is a Violation Case: Yes

1.Name of Project	Suyog Navkaar by M/s Suyog Development Corporation Unit 12 LLP
2.Type of institution	TOR
3.Name of Project Proponent	Mr Kalpesh B Shah
4.Name of Consultant	Ultra Tech (Environmental Consultancy & Laboratory) NABET Certificate No. NABET/EIA/1417/SA0011
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	C.T.S. No. 36/1 + 37/1 + 38, F.P. 394 + 395 A, TPS-III, 514/1, 513A/1, 513B/1
9.Taluka	Haveli
10.Village	Gultekdi
Correspondence Name:	Mr Kalpesh B. Shah through Suyog Navkaar by M/s Suyog Development Corporation Unit 12 LLP
Room Number:	Office No. 27
Floor:	Ground Floor
Building Name:	Peshwa Building
Road/Street Name:	Sujay Garden
Locality:	12, Mukund Nagar
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	CC received vide no 3333/15 dated 31/12/2015
	IOD/IOA/Concession/Plan Approval Number: We have received commencement Certificate vide no 3333/15 dated 31/12/2015
	Approved Built-up Area: 44076.64
13.Note on the initiated work (If applicable)	We have initiated construction as per CC received vide no 3333/15 dated 31/12/2015
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	14,195.43
16.Deductions	2,308.63
17.Net Plot area	11,886.80
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17,718.70
	b) Non FSI area (sq. m.): 37,799.55
	c) Total BUA area (sq. m.): 55518.25
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 9986.78
	Approved Non FSI area (sq. m.): 34089.86
	Date of Approval: 31-12-2015
19.Total ground coverage (m2)	1,375.18
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12%
21.Estimated cost of the project	1920000000

22.Number of buildings & its configuration

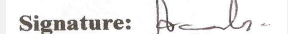


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

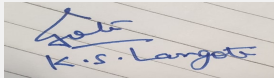
Page 69 of 142

Name: K. Anil Kale

Signature: 

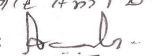
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	1 Building with 3 residential tower	Basement + Ground + Mezzanine + 6 parking levels + Podium + 17 Floors	85.7	
2	Club House	G+1	6.5	
23.Number of tenants and shops	No. of tenements: 102 Nos. and 12 shops			
24.Number of expected residents / users	Residents: 510, Commercial: 500			
25.Tenant density per hectare	85			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Bhavani Peth Fire Station:0.7 km Cantonment Fire Station: 0.55 km Road width : 24m wide Jawaharlal Nehru Road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12 m			
29.Existing structure (s) if any	Basement+Ground+6Parking+Podium+Wing C (First Slab completed)			
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)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

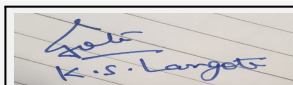
**Page 70
of 142**

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

Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	56
	Recycled water - Flushing (CMD):	35
	Recycled water - Gardening (CMD):	18
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	109
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	25
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	56
	Recycled water - Flushing (CMD):	35
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	00
	Total Water Requirement (CMD) :	91
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	41
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	35	35	Not applicable	3	3	Not applicable	32	32
Fresh water requirement	Not applicable	56	56	Not applicable	6	6	Not applicable	50	50
Gardening	Not applicable	18	18	Not applicable	18	18	00	00	00



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

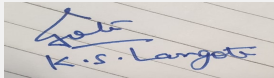
Page 71 of 142

Name: K. S. Anil D.

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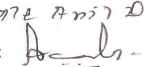
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-Monsoon: 7.65 m BGL;Post Monsoon: 3.65 m BGL
	Size and no of RWH tank(s) and Quantity:	Not Any
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	3
	Size of recharge pits :	3 recharge pits of size 2m x 2 m x 2 m
	Budgetary allocation (Capital cost) :	Rs.1.27 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.3 Lakh
	Details of UGT tanks if any :	Domestic UG tank Capacity: 84 m3 Flushing UG tank Capacity: 54 m3 Fire UG tank Capacity: 100 m3
35.Storm water drainage	Natural water drainage pattern:	Natural water drainage pattern is gently sloping towards north
	Quantity of storm water:	5124 m ³ /hr
	Size of SWD:	External SWD:900mm, Internal SWD:600mm
Sewage and Waste water	Sewage generation in KLD:	82
	STP technology:	MBBR
	Capacity of STP (CMD):	One STP of capacity 90 KL
	Location & area of the STP:	Near Wing B, Area of STP 93 sq m
	Budgetary allocation (Capital cost):	Rs.16 Lakhs
	Budgetary allocation (O & M cost):	Rs.1.25 Lakhs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	13 kg/day
	Disposal of the construction waste debris:	This material shall be used for back filling and leveling of the plot and remaining will be disposed to authorized sites
Waste generation in the operation Phase:	Dry waste:	106 Kg/day
	Wet waste:	248 Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not Any
	STP Sludge (Dry sludge):	12.3 Kg/day
	Others if any:	Not Any


K.S.Langote (Secretary
SEAC-III)

SEAC Meeting No: 71 Meeting Date: September
21, 2018

Page 72
of 142

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

Mode of Disposal of waste:	Dry waste:	Dry waste will be handed over to SWACH.
	Wet waste:	Wet waste will be treated in OWC.
	Hazardous waste:	Will be handed over to authorized vendors.
	Biomedical waste (If applicable):	Not Any
	STP Sludge (Dry sludge):	Will be used as manure for landscaping
	Others if any:	Not Any
Area requirement:	Location(s):	Near Building B
	Area for the storage of waste & other material:	19.22 sqm
	Area for machinery:	10.53 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.12.82 Lakhs
	O & M cost:	Rs.1.52 Lakhs/annum

37.Effluent Charecterestics

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

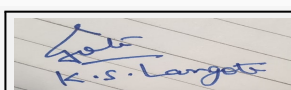
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	600 kVA	HSD- 126.4 Litres/hr	1	11.80	0.10	400 degree Celcius

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	126.4 Litres/hr	126.4 Litres/hr

41.Source of Fuel Authorised Vendor

42.Mode of Transportation of fuel to site By road



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 73 of 142

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

43.Green Belt Development	Total RG area :	2843 sqm
	No of trees to be cut :	8
	Number of trees to be planted :	160
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	Till the completion of the report.

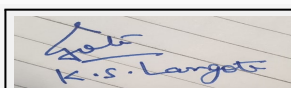
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	06	Shady tree, yellowish green fragrant flowers
2	Cassia fistula	Bahava	05	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
3	Nyctanthes arbor-tristis	Parijatak	05	Small deciduous fast growing tree, beautiful flowerers.
4	Citrus sp	Lemon	24	Butterfly host plant
5	Azadirachta indica	Neem	22	Semi-evergreen tree with medicinal value
6	Mangifera indica	Mango	32	Fruit bearing plant
7	Murraya paniculata	Kunti	28	Small tree, Fragrant white flowers, Butterfly host plant
8	Anthocephallus cadamba	Kadamb	04	Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers.
9	Bauhinia racemosa	Apta	09	Small tree with small white flowers, Butterfly host plant
10	Lagerstroemia flos-regineae	Tamhan	04	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
11	Mimusops elengi	Bakul	10	Shady tree, small white fragrant flowers
12	Michelia champaca	Son chafa	31	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
13		Total	160	--

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	Cassia biflora	--	--
2	Nerium/oleander	--	--
3	Yellow allamanda	--	--
4	Oleander (Kaner)	--	--
5	Yellow Bells	--	--
6	Mangrove Fan Palm	--	--



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 74 of 142

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

7	Golden trumpet	--	--
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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	35 KW
	DG set as Power back-up during construction phase	1 x 82.5 KVA
	During Operation phase (Connected load):	2997 KW
	During Operation phase (Demand load):	1640 KW
	Transformer:	4 x 630KVA
	DG set as Power back-up during operation phase:	1 x 600 KVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	Not Applicable	

48. Energy saving by non-conventional method:

LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor
 Up Lighter - Light Fitting for Landscape Area.
 Solar Street Light Fitting - Pole Light On Road Side
 Energy Saving by Solar Hot Water System.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Street Light Fitting - Pole Light On Road Side	50%
2	Energy Saving by Solar Hot Water System	83.56%
3	LED Lamp & fitting for common area	50%
4	Up lighter - light	50%

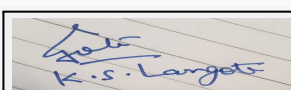
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	--	90 m3/day
OWC	--	285 kg/day
DG Set	--	1 x 600 KVA

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 55 lakhs
	O & M cost:	Rs 5.50 lakh/annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):



K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 75 of 142

Name: K. S. Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water For Dust Suppression	0.64
2	Air Environment	Air & Noise monitoring	1.64
3	Water Environment	Tanker water for construction	1.60
4	Water Environment	Water monitoring	0.42
5	Land Environment	Site Sanitation	4.46
6	Land Environment	Gardening	15.0
7	Land Environment	Top soil preservation	6.84
8	Land Environment	Tree transplantaion	2.50
9	Socio- Economic Environment	First Aid Facilities	0.23
10	Socio- Economic Environment	Health Check Up	4.00
11	Socio- Economic Environment	Crèche for children	1.50
12	Socio- Economic Environment	Personal protective equipment	3.00

b) Operation Phase (with Break-up):

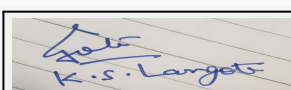
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	00	8.98
2	Water	RWH	1.27	0.30
3	Water	STP	16.00	1.25
4	Energy	Solar PV cells	55.00	5.50
5	Land Environment	Gardening	12.00	1.50
6	Solid waste	OWC	12.82	1.52
7	--	Total	97.09	19.05

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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 76 of 142

Name: K. S. Anil D.

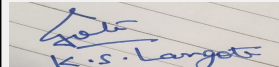
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Shri. Anil Kale (Chairman SEAC-III)

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Single
Parking details:	Number and area of basement:	1 no. 2702.30 sq m
	Number and area of podia:	1 no. 2742.50 sq m
	Total Parking area:	6866.30 sqm
	Area per car:	35 sqm
	Area per car:	35 sqm
	Number of 2-Wheelers as approved by competent authority:	285
	Number of 4-Wheelers as approved by competent authority:	292
	Public Transport:	Nearest Bus stop: Gultekdi
	Width of all Internal roads (m):	9 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None in 10 Km.
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	1. Misc. Application No.119/2014 Filed by Navlakha Seed Pvt. Ltd. before the Hon'ble Small Causes Court, Pune. 2. Misc. Application No.120/2014 Filed by Navlakha Seed Pvt. Ltd. before the Hon'ble Small Causes Court, Pune. 3. Misc. Application No.23/2016 Filed by M/s Nav Fibro Plastics before the Small Causes Court Pune. 4. Misc. Application No.24/2016 Filed by M/s Nav Fibro Plastic before the Hon'ble Small Causes Court, Pune. 5. Regular Civil Appeal No.109/2017 Filed by Mr. Mahendra Navalakha be
	Other Relevant Informations	Proposal No. IA/MH/NCP/64809/2017 F. No. 23-34/2018-IA.III dated 09.02.2018-TOR application was accepted. EAC, Delhi has considered our proposal in 4th meeting of violation.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-09-2017

TOR Suggested Changes



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

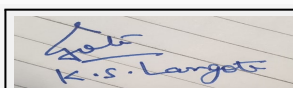
**Page 77
of 142**

Name: K. S. Langote

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Consolidated Statement Point Number	Original Remarks	Submitted Changes
32.water Requirement	Excess Treated Water:25 CMD	Excess Treated Water:20 CMD
34.Rain Water Harvesting	Domestic UG tank Capacity: 84 CMD;Flushing UG tank Capacity: 54 CMD	Domestic UG tank Capacity: 69 m3 ;Flushing UG tank Capacity: 35 m3
36.Budgetary Allocation for STP	Capital Cost:Rs.16 Lakhs;O & M Cost:Rs.1.25 Lakhs/annum	Capital Cost:Rs.29.5 Lakhs;O & M Cost:Rs.5.90 Lakhs/annum
37.Solid waste Management	Dry waste:106 Kg/day;Wet waste:248 kg/day	Dry waste:157 kg/day;Dry waste:199 kg/day
52.Environmental Management plan Budgetary Allocation(During construction Phase)	Gardening:15	Gardening:12
52.Environmental Management plan Budgetary Allocation(During operational Phase)	STP: Capital Cost:Rs.16 Lakhs;O& M1.25 Lakhs/annum	STP: Capital Cost:Rs.29.50 Lakhs;O& M 5.90 Lakhs/annum
52.Environmental Management plan Budgetary Allocation(During operational Phase)	Total: Capital Cost: Rs.97.09 Lakhs;O & M:19.05 Lakhs/annum	Total: Capital Cost: Rs.110.59 Lakhs;O & M:23.70 Lakhs/annum
54.Traffic Management	Total Parking Area:6866 sqm	Total Parking Area:6349 sqm
54.Date of online submission	13-09-2017	30-03-2017
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)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 78 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

**Environment Clearance for Proposed Residential and Commercial Project
Suyog Navkaar at C.T.S. No. 36/1 + 37/1 + 38, F.P. 394 + 395 A, TPS-III, 514/1,
513A/1, 513B/1, Gultekdi Tal- Haveli by M/s Suyog Development Corporation Unit
12 LLP**

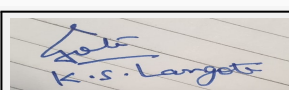
PP submitted their application for prior Environmental clearance for total plot area of 14195.43Sq. Mtrs, BUA of 55518.25Sq. Mtrs and FSI area of 17718.70Sq. Mtrs. PP proposes to construct 1 no. residential building (3 tower) and 1 club house.

Brief history of Project

- The case was earlier considered in 41st and 53rd SEAC-III meeting held on 30-01-2016 & 7-09-2016, in this meeting SEAC decided to send the case to Environment Department/SEIAA for the verification of the issue of violation.
- Environment Department, Government of Maharashtra issued Show cause notice vide letter SEAC-III-2016/CR-55/TC-3 dated 5-11-2016.
- Show cause reply was submitted by project proponent vide 16-11-2016.
- Personal hearing was extended before then Principal Secretary, Environment Department, Maharashtra, on 24-01-2017.
- MPCB has filed Regular Criminal Case bearing No.933/2017, in the Court of Chief Judicial Magistrate, Pune under section 15 of Environment (P) Act, 1986 r. w. EIA Notification, 14.09.2006 on dated 17-12-2016.
- Applied under Notification dated 14.03.2017 to obtain EC from EAC

The violation 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



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 79
of 142**

Name: K. Anil Kale

Signature: [Handwritten Signature]

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

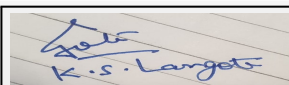
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to conduct ground water monitoring
- 2) PP to submit Derbies/Solid waste management plan.
- 3) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 4) PP to submit Ecological damage assessment report in terms of embodied energy and global sectors with LCA approach and with applicable coefficient ultimately reporting in terms of cost and quantity and also to submit undertaking mentioning correct quantity and ERP records.
- 5) PP to submit TCLP test reports for soil.
- 6) PP to submit Socio -economic infrastructure within vicinity land specially existing primary school, market hospital etc.
- 7) PP to submit Indemnity bond for Heritage Structure.
- 8) PP to submit Traffic management plan studies in detail including all the infrastructure already existing.
- 9) PP to submit revised DMP showing management committee, cost, lighting arrestor and Socio -economic infrastructure within vicinity specially existing primary school, market hospital etc.
- 10) PP to submit Fire Tender Movement plan showing clear road width of 6 mtr and turning radius of 9 mtr and also cross section of roads at 4 places including UGT, OWC and DG set location showing clear road width 6 mtr , 1.5 mtr distance left from building line and space left for plantation ,parking ,service lines ,footpath, etc.
- 11) PP to submit revised parking plan at lower ground and parking statement.
- 12) All traffic circulation and parking commercial area should be isolated and independent from residential area, appropriate traffic signs to be providing for guidance and wardens.
- 13) PP to submit approved plans for Basements and Parking's.
- 14) PP to submit geo hydrological report along with RWH.
- 15) PP to submit Land record history including litigation updates and present status.
- 16) PP to submit earlier RG area plan along with land scape.
- 17) PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 1/05/2018.
- 18) PP to submit affidavit stating that quantity used is correct.

FINAL RECOMMENDATION

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



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 80
of 142**

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

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

71st Meeting of SEAC-3 (Day-2)

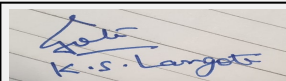
SEAC Meeting number: 71 Meeting Date September 21, 2018

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

Is a Violation Case: No

1.Name of Project	TechPoint
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajkumar Sarda
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Commercial(IT Project)
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Survey no 12, H no 1/1+1/2C, Opposite Lafarge Concrete Plant, Solapur By-pass Road, Kharadi, Tehsil-Haveli, Dist-Pune-411014.
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr Rahul Patil
Room Number:	-
Floor:	-
Building Name:	Survey no 12, H no 1/1+1/2C, Opposite Lafarge Concrete Plant
Road/Street Name:	Solapur By-pass Road
Locality:	Kharadi
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received
	IOD/IOA/Concession/Plan Approval Number: CC/0781/18
	Approved Built-up Area: 35693.45
13.Note on the initiated work (If applicable)	18795.30 m ²
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	6866.11
16.Deductions	Deductions - 921.11 (780 m ² open space +141.11 m ² Nala)
17.Net Plot area	5945.00
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17636.13
	b) Non FSI area (sq. m.): 18057.32
	c) Total BUA area (sq. m.): 35693.45
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 17636.13
	Approved Non FSI area (sq. m.): 18057.32
	Date of Approval: 22-06-2018
19.Total ground coverage (m2)	2664.12
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38.80 % of Total plot area & 44.81% of Net plot area
21.Estimated cost of the project	916000000

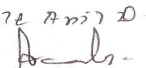
22.Number of buildings & its configuration



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 81 of 142

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

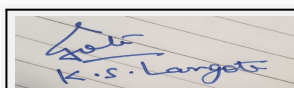
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	IT Building	LB+UB+GR+6	35.95
23.Number of tenants and shops	Offices - 14 Nos		
24.Number of expected residents / users	Office Users: 2949 Nos.		
25.Tenant density per hectare	NA		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 m wide DP road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m		
29.Existing structure (s) if any	NA		
30.Details of the demolition with disposal (If applicable)	NA		

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	204.71 (One Time)
	Recycled water - Flushing (CMD):	44.24
	Recycled water - Gardening (CMD):	7.00
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	88.47
	Fire fighting - Underground water tank(CMD):	200.00
	Fire fighting - Overhead water tank(CMD):	20.00
	Excess treated water	3.20



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 82 of 142

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

Wet season:	Source of water	PMC
	Fresh water (CMD):	197.71 (One Time)
	Recycled water - Flushing (CMD):	44.24
	Recycled water - Gardening (CMD):	0.00
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	88.47
	Fire fighting - Underground water tank(CMD):	200.00
	Fire fighting - Overhead water tank(CMD):	20.00
	Excess treated water	10.20

Details of Swimming pool (If any)

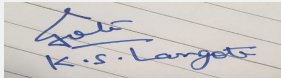
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33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)

Level of the Ground water table:	Pre Monsoon- 6.15 m BGL,Post Monsoon- 3.15 m BGL
Size and no of RWH tank(s) and Quantity:	1 No- 50 m3
Location of the RWH tank(s):	-
Quantity of recharge pits:	4 Nos.
Size of recharge pits :	2 m. X 2 m. X 2 m
Budgetary allocation (Capital cost) :	Rs 11.57 Lakh
Budgetary allocation (O & M cost) :	Rs. 0.30 Lakh /Year
Details of UGT tanks if any :	Domestic UG tank Capacity : 146.25 m3 Flushing UG tank Capacity : 83.00 m3 Fire UG tank Capacity : 200.00 m3



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 83 of 142

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

35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	7.76 m3 /Min
	Size of SWD:	300 mm

Sewage and Waste water	Sewage generation in KLD:	119.44
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No of 140KLD
	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	Rs.35.00 Lakh
	Budgetary allocation (O & M cost):	Rs 6.94 Lakh/Year

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 kg/day
	Disposal of the construction waste debris:	Use for Leveling.

Waste generation in the operation Phase:	Dry waste:	442 kg/day
	Wet waste:	295 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	10.74 kg/day
	Others if any:	E-waste- 9 Kg/day

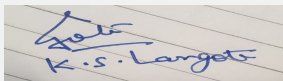
Mode of Disposal of waste:	Dry waste:	SWACH
	Wet waste:	Organic waste converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	E waste is handed over to authorized vendor

Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	36 M2
	Area for machinery:	included in other material area

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 12.75 Lakh
	O & M cost:	Rs. 2.84 Lakh/year

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 84 of 142

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

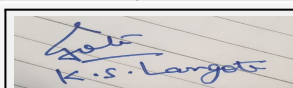
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	110 Lit/hrs	110 Lit/hrs
41.Source of Fuel		Hindustan petroleum corporation limited/Bharat Petroleum		
42.Mode of Transportation of fuel to site		By Roadway		

43.Green Belt Development

Total RG area :	780.00 m ²
No of trees to be cut :	NA
Number of trees to be planted :	104 nos. & 19 nos of trees to be planted over & above.
List of proposed native trees :	104 nos. & 19 nos of trees to be planted over & above.
Timeline for completion of plantation :	Mid of construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	03	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
2	Pongamia pinnata	Karanj	11	Shady tree.
3	Syzygium cumini	Jamun	03	Fruit tree
4	Mangifera indica	Mango	03	Shady fruit tree.



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 85 of 142

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

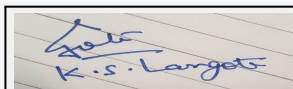
5	Michelia Champaca	Son Chapha	22	Medium sized evergreen tree, Shady tree. fragment flower
6	Manilkara zapota	Chikku	04	Fruit tree
7	Casuarina equisetifolia	Whistling tree	16	It is an evergreen tree with a soft wispy pine-like appearance
8	Cordea subestina	Bokar	02	Ornamental, flowering tree
9	Lagerstroemia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

45.Total quantity of plants on ground

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

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

47.Energy



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 86 of 142

Name: K. Anil Kale
Signature:

Shri. Anil Kale (Chairman SEAC-III)

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

48. Energy saving by non-conventional method:

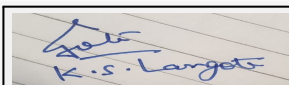
Replacing T8 fitting in stair case with T5.
 Replacing 2 x 18W Down lighter in lift lobby with 24W LED.
 Replacing 70W MHL Street lights with 24W LED.
 Providing 20% of Street lights on solar.
 Replacing normal lighting with LED for Landscape.
 Using VFD's for Lift machines, we can save 10% of consumption.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

49. Detail calculations & % of saving:

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

50. Details of pollution control Systems

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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 87 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

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
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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Energy System- Rs 64.21 Lakh, Solar PV Panel- Rs 18.68 Lakh
	O & M cost:	Energy System-Rs 12.84 Lakh/Year, Solar PV Panel- Rs 0.19 Lakh/Year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

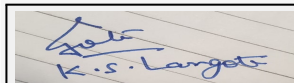
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	-	35.00	6.94
2	RWH	-	11.57	0.30
3	MSW	Organic Waste Converter	12.75	2.84
4	Energy System	-	64.21	12.84
5	Solar PV Panel	-	18.68	0.19
6	Landscaping	-	55.35	6.00
7	Safety Equipment	-	10.00	2.00
8	Post EC Monitoring	-	-	2.50
9	Dry Waste Management	-	-	1.00

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

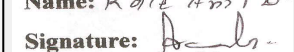
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 88 of 142

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

52.Any Other Information

No Information Available

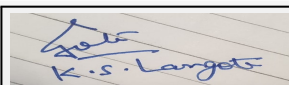
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	NA
	Total Parking area:	8657.40 m ²
	Area per car:	28.76 m ²
	Area per car:	28.76 m ²
	Number of 2-Wheelers as approved by competent authority:	842
	Number of 4-Wheelers as approved by competent authority:	301
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

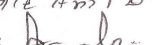
Brief information of the project by SEAC



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 89 of 142

Name: K. S. Langote
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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

PP submitted their application for prior Environmental clearance for total plot area of 6866.11 Sq. Mtrs, FSI area of 17636.13 Sq.m, Non FSI area of 19805.06 and total BUA of 37441.19 Sq. Mtrs. Now, PP proposes to construct 1 no. of IT 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

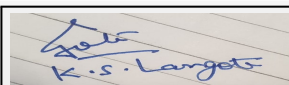
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

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 regarding total area approved.
- 3) PP to submit E-waste NOC.
- 4) PP to resubmit STP drawings and showing wet level aeration tank 1 mtr above FGL.
- 5) PP to submit details of excess derbies disposal.

FINAL RECOMMENDATION

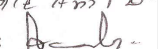
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 90
of 142**

Name: K. Anil Kale
Signature: 

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

71st Meeting of SEAC-3 (Day-2)

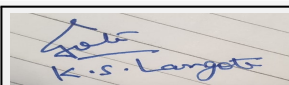
SEAC Meeting number: 71 Meeting Date September 21, 2018

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

Is a Violation Case: No

1.Name of Project	TechPoint
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajkumar Sarda
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Commercial(IT Project)
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Survey no 12, H no 1/1+1/2C, Opposite Lafarge Concrete Plant, Solapur By-pass Road, Kharadi, Tehsil-Haveli, Dist-Pune-411014.
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr Rahul Patil
Room Number:	-
Floor:	-
Building Name:	Survey no 12, H no 1/1+1/2C, Opposite Lafarge Concrete Plant
Road/Street Name:	Solapur By-pass Road
Locality:	Kharadi
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: CC/0781/18 Approved Built-up Area: 35693.45
13.Note on the initiated work (If applicable)	18795.30 m ²
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	6866.11
16.Deductions	Deductions - 921.11 (780 m ² open space +141.11 m ² Nala)
17.Net Plot area	5945.00
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17636.13 b) Non FSI area (sq. m.): 18057.32 c) Total BUA area (sq. m.): 35693.45
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 17636.13 Approved Non FSI area (sq. m.): 18057.32 Date of Approval: 22-06-2018
19.Total ground coverage (m ²)	2664.12
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38.80 % of Total plot area & 44.81% of Net plot area
21.Estimated cost of the project	916000000


22.Number of buildings & its configuration



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 91 of 142

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

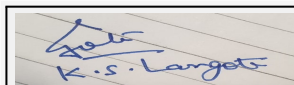
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	IT Building	LB+UB+GR+6	35.95
23.Number of tenants and shops	Offices - 14 Nos		
24.Number of expected residents / users	Office Users: 2949 Nos.		
25.Tenant density per hectare	NA		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 m wide DP road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m		
29.Existing structure (s) if any	NA		
30.Details of the demolition with disposal (If applicable)	NA		

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	PMC
	Fresh water (CMD):	204.71 (One Time)
	Recycled water - Flushing (CMD):	44.24
	Recycled water - Gardening (CMD):	7.00
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	88.47
	Fire fighting - Underground water tank(CMD):	200.00
	Fire fighting - Overhead water tank(CMD):	20.00
	Excess treated water	3.20



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 92 of 142

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

Wet season:	Source of water	PMC
	Fresh water (CMD):	197.71 (One Time)
	Recycled water - Flushing (CMD):	44.24
	Recycled water - Gardening (CMD):	0.00
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	88.47
	Fire fighting - Underground water tank(CMD):	200.00
	Fire fighting - Overhead water tank(CMD):	20.00
	Excess treated water	10.20

Details of Swimming pool (If any)

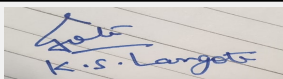
NA

33.Details of Total water consumed

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

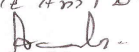
34.Rain Water Harvesting (RWH)

Level of the Ground water table:	Pre Monsoon- 6.15 m BGL, Post Monsoon- 3.15 m BGL
Size and no of RWH tank(s) and Quantity:	1 No- 50 m3
Location of the RWH tank(s):	-
Quantity of recharge pits:	4 Nos.
Size of recharge pits :	2 m. X 2 m. X 2 m
Budgetary allocation (Capital cost) :	Rs 11.57 Lakh
Budgetary allocation (O & M cost) :	Rs. 0.30 Lakh /Year
Details of UGT tanks if any :	Domestic UG tank Capacity : 146.25 m3 Flushing UG tank Capacity : 83.00 m3 Fire UG tank Capacity : 200.00 m3


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 93 of 142

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

35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	7.76 m3 /Min
	Size of SWD:	300 mm

Sewage and Waste water	Sewage generation in KLD:	119.44
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No of 140KLD
	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	Rs.35.00 Lakh
	Budgetary allocation (O & M cost):	Rs 6.94 Lakh/Year

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 kg/day
	Disposal of the construction waste debris:	Use for Leveling.

Waste generation in the operation Phase:	Dry waste:	442 kg/day
	Wet waste:	295 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	10.74 kg/day
	Others if any:	E-waste- 9 Kg/day

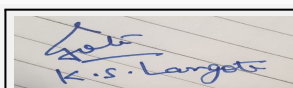
Mode of Disposal of waste:	Dry waste:	SWACH
	Wet waste:	Organic waste converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	E waste is handed over to authorized vendor

Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	36 M2
	Area for machinery:	included in other material area

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 12.75 Lakh
	O & M cost:	Rs. 2.84 Lakh/year

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 94 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

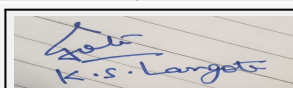
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	110 Lit/hrs	110 Lit/hrs
41.Source of Fuel		Hindustan petroleum corporation limited/Bharat Petroleum		
42.Mode of Transportation of fuel to site		By Roadway		

43.Green Belt Development

Total RG area :	780.00 m ²
No of trees to be cut :	NA
Number of trees to be planted :	104 nos. & 19 nos of trees to be planted over & above.
List of proposed native trees :	104 nos. & 19 nos of trees to be planted over & above.
Timeline for completion of plantation :	Mid of construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	03	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
2	Pongamia pinnata	Karanj	11	Shady tree.
3	Syzygium cumini	Jamun	03	Fruit tree
4	Mangifera indica	Mango	03	Shady fruit tree.



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 95 of 142

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

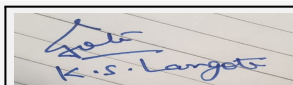
5	Michelia Champaca	Son Chapha	22	Medium sized evergreen tree, Shady tree. fragment flower
6	Manilkara zapota	Chikku	04	Fruit tree
7	Casuarina equisetifolia	Whistling tree	16	It is an evergreen tree with a soft wispy pine-like appearance
8	Cordea subestina	Bokar	02	Ornamental, flowering tree
9	Lagerstroemia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

45.Total quantity of plants on ground

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

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

47.Energy



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 96 of 142

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

Shri. Anil Kale (Chairman SEAC-III)

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

48. Energy saving by non-conventional method:

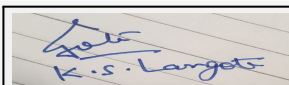
Replacing T8 fitting in stair case with T5.
 Replacing 2 x 18W Down lighter in lift lobby with 24W LED.
 Replacing 70W MHL Street lights with 24W LED.
 Providing 20% of Street lights on solar.
 Replacing normal lighting with LED for Landscape.
 Using VFD's for Lift machines, we can save 10% of consumption.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

49. Detail calculations & % of saving:

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

50. Details of pollution control Systems

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

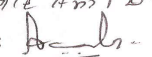


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 97 of 142

Name: K. S. Langote

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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:	Energy System- Rs 64.21 Lakh, Solar PV Panel- Rs 18.68 Lakh
	O & M cost:	Energy System-Rs 12.84 Lakh/Year, Solar PV Panel- Rs 0.19 Lakh/Year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

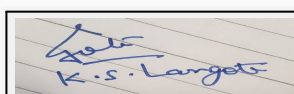
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50 Lakh/Year
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50 Lakh/Year
3	Land Environment	Site Sanitation -Mobile toilets	0.50 Lakh/Year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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	-	35.00	6.94
2	RWH	-	11.57	0.30
3	MSW	Organic Waste Converter	12.75	2.84
4	Energy System	-	64.21	12.84
5	Solar PV Panel	-	18.68	0.19
6	Landscaping	-	55.35	6.00
7	Safety Equipment	-	10.00	2.00
8	Post EC Monitoring	-	-	2.50
9	Dry Waste Management	-	-	1.00

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

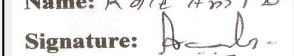
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 98 of 142

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

52.Any Other Information

No Information Available

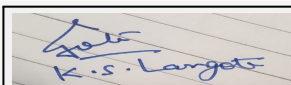
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	NA
	Total Parking area:	8657.40 m ²
	Area per car:	28.76 m ²
	Area per car:	28.76 m ²
	Number of 2-Wheelers as approved by competent authority:	842
	Number of 4-Wheelers as approved by competent authority:	301
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

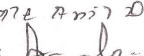
Brief information of the project by SEAC



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 99 of 142

Name: K. S. Langote
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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

PP submitted their application for prior Environmental clearance for total plot area of 6866.11 Sq. Mtrs, FSI area of 17636.13 Sq.m, Non FSI area of 19805.06 and total BUA of 37441.19 Sq. Mtrs. Now, PP proposes to construct 1 no. of IT 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

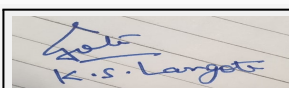
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

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 regarding total area approved.
- 3) PP to submit E-waste NOC.
- 4) PP to resubmit STP drawings and showing wet level aeration tank 1 mtr above FGL.
- 5) PP to submit details of excess derbies disposal.

FINAL RECOMMENDATION

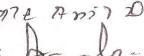
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 100
of 142**

Name: K. Anil Kale
Signature: 

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

71st Meeting of SEAC-3 (Day-2)

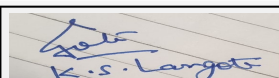
SEAC Meeting number: 71 Meeting Date September 21, 2018

Subject: Environment Clearance for Construction of Hotel Building at plot Survey No-289/2, CTS No-5729(pt), Village Pathardi Shiwar, District Nashik, By Rahul and Pranav Hospitalities LLP

Is a Violation Case: No

1.Name of Project	Construction of "Rahul and Pranav Hospitalities LLP Hotel" building project at plot Survey No-289/2, CTS No-5729(pt), Village Pathardi Shiwar, and District Nashik.
2.Type of institution	Private
3.Name of Project Proponent	RAHUL & PRANAV HOSPITALITIES LLP
4.Name of Consultant	Enviro Analysts and Engineers Pvt Ltd
5.Type of project	Construction of Hotel Building
6.New project/expansion in existing project/modernization/diversification in existing project	NEW PROJECT
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	PLOT SURVEY NO. 289/2, CTS NO - 5729,Village Pathardi Shiwar, Tehsil Nashik,District Nashik Maharashtra.
9.Taluka	NASHIK
10.Village	Pathardi Shiwar
Correspondence Name:	RAHUL & PRANAV HOSPITALITIES LLP
Room Number:	131/B
Floor:	Suite 217
Building Name:	THE MIRADOR
Road/Street Name:	New Link Road
Locality:	Chakala, Andheri East
City:	Mumbai
11.Area of the project	NASHIK MUNICIPAL CORPORATION
12.IOD/IOA/Concession/Plan Approval Number	COMMENCEMENT CERTIFICATE RECEIVED.
	IOD/IOA/Concession/Plan Approval Number: LND/BP/B5/268/5306 dated 31/12/2016
	Approved Built-up Area: 7906.8
13.Note on the initiated work (If applicable)	2 Basements and ground floor completed.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NOT APPLICABLE
15.Total Plot Area (sq. m.)	9510.0
16.Deductions	1558.50
17.Net Plot area	7951.50
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 21628.01
	b) Non FSI area (sq. m.): 17769.11
	c) Total BUA area (sq. m.): 39397.12
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 7906.8
	Approved Non FSI area (sq. m.): -
	Date of Approval: 31-12-2017
19.Total ground coverage (m2)	4026.28
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	42.33
21.Estimated cost of the project	910000000

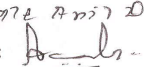
22.Number of buildings & its configuration



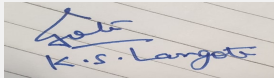
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 101 of 142

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	HOTEL BUILDING	2 Basements + GROUND +Service Floor+ 9 UPPER FLOORS	43.37	
23.Number of tenants and shops	222 Rooms			
24.Number of expected residents / users	300			
25.Tenant density per hectare	347			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.00 M 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	9.0 M			
29.Existing structure (s) if any	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				



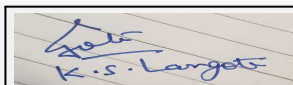
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 102 of 142

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

Dry season:	Source of water	NASHIK MUNICIPAL CORPORATION								
	Fresh water (CMD):	144								
	Recycled water - Flushing (CMD):	25								
	Recycled water - Gardening (CMD):	7								
	Swimming pool make up (Cum):	15								
	Total Water Requirement (CMD) :	191								
	Fire fighting - Underground water tank(CMD):	200								
	Fire fighting - Overhead water tank(CMD):	20								
	Excess treated water	16								
Wet season:	Source of water	NASHIK MUNICIPAL CORPORATION								
	Fresh water (CMD):	144								
	Recycled water - Flushing (CMD):	25								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	15								
	Total Water Requirement (CMD) :	298								
	Fire fighting - Underground water tank(CMD):	200								
	Fire fighting - Overhead water tank(CMD):	20								
	Excess treated water	23								
Details of Swimming pool (If any)	Makeup Water Requirement for swimming Pool = 15 m ³ Pool Volume = 275 m ³									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

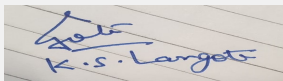
Page 103 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	1M - 4M
	Size and no of RWH tank(s) and Quantity:	RWH Tank :1, Capacity : 65 CUM
	Location of the RWH tank(s):	1st Basement
	Quantity of recharge pits:	1 NO.
	Size of recharge pits :	Dimensions: 3.14m X 2.69m X 1.1m
	Budgetary allocation (Capital cost) :	20 Lakh
	Budgetary allocation (O & M cost) :	2 Lakh
	Details of UGT tanks if any :	2ND BASEMENT
35.Storm water drainage	Natural water drainage pattern:	west to east
	Quantity of storm water:	0.03 m3/sec
	Size of SWD:	1m x 1.8m
Sewage and Waste water	Sewage generation in KLD:	157
	STP technology:	MBBR
	Capacity of STP (CMD):	STP 1 No. Capacity: 160 KLD
	Location & area of the STP:	Ground Floor
	Budgetary allocation (Capital cost):	50 LACS
	Budgetary allocation (O & M cost):	5 LACS
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	-
	Disposal of the construction waste debris:	-
Waste generation in the operation Phase:	Dry waste:	1132 Kg/ Day
	Wet waste:	766 Kg/Day
	Hazardous waste:	NOT APPLICABLE
	Biomedical waste (If applicable):	NOT APPLICABLE
	STP Sludge (Dry sludge):	3KG/DAY
	Others if any:	NOT APPLICABLE



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 104 of 142

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

Mode of Disposal of waste:	Dry waste:	Will be handed over to local recyclers.
	Wet waste:	Processed in OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Dry sludge will be used as manure.
	Others if any:	NOT APPLICABLE
Area requirement:	Location(s):	Ground Floor
	Area for the storage of waste & other material:	35.84 Sq m
	Area for machinery:	Including area of Machinery
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20 LACS
	O & M cost:	2 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):		7 KLD			
Capacity of the ETP:		8 KLD			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

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

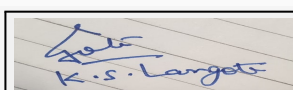
39. Stacks emission Details

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

40. Details of Fuel to be used

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

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



K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 105 of 142

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

43.Green Belt Development	Total RG area :	951 Sq m
	No of trees to be cut :	NA
	Number of trees to be planted :	120
	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

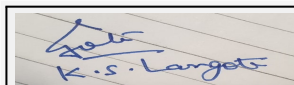
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Arthocarpus heterophyllus	Jackfruit	11	-
2	Bauhinia variegata	Orchid Tree	9	-
3	Drypetes roxburghii	Jiyapotha	9	-
4	Ficus elastica	Rubber Tree	8	-
5	Mangifera indica	Mango	7	-
6	Mimusops elengi	Cherry	32	-
7	Ochna obtusata	Ramdhan Champa	9	-
8	Cocas nucifera	Coconut Palm	32	-

45.Total quantity of plants on ground

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

Serial Number	Name	C/C Distance	Area m2
1	NOT APPLICABLE	0	0

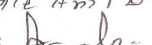
47.Energy



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 106 of 142

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Power requirement:	Source of power supply :	MAHARASHTRA STATE ELECTRICITY BOARD
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	1 no x 200 KVA
	During Operation phase (Connected load):	3081 kW
	During Operation phase (Demand load):	1493 kW
	Transformer:	NA
	DG set as Power back-up during operation phase:	2 X 750 kVA and 1 X 500 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

-

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving of project	5.44 %

50. Details of pollution control Systems

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

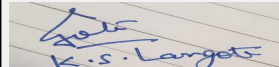
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	18 LACS
	O & M cost:	1.80 LACS

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	Water for dust suppression	2.0
2	EHS	Site Sanitation	2.0
3	Environmental Monitoring	Environmental Monitoring	15.0
4	EHS	Disinfection	1.5
5	EHS	Health Check Up	1.5

b) Operation Phase (with Break-up):



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 107 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	Sewage Treatment Plant	20	2
2	Water Environment	Rain Water harvesting	20	2
3	Energy	Solar System	50	5
4	Solid waste Manangement	Organic waste Converter	18	1.8
5	Land Environment	Landscaping	3	0.3

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

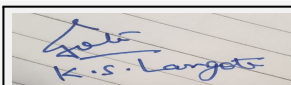
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

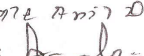
	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	Number and area of basement:	2 NOS
	Number and area of podia:	NA
	Total Parking area:	9965.55 Sq m
	Area per car:	37.25
	Area per car:	37.25
	Number of 2-Wheelers as approved by competent authority:	540 Nos
	Number of 4-Wheelers as approved by competent authority:	Big Car :101 Nos, Small Car:149 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	9.75 M
	CRZ/ RRZ clearance obtain, if any:	NA



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 108 of 142

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Construction of Hotel Building at plot Survey No-289/2, CTS No-5729(pt), Village Pathardi Shiwar, District Nashik, By M/s. Rahul and Pranav Hospitalities LLP.

PP submitted their application for prior Environmental clearance for total plot area of 9510.0 Sq. Mtrs, BUA of 39397.12 Sq. Mtrs and FSI area of 21628.01 Sq. Mtrs. PP proposes to construct 1 no. hotel building.

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

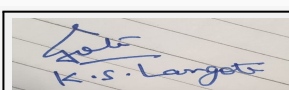
DECISION OF SEAC

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

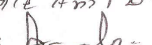
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 109 of 142

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

71st Meeting of SEAC-3 (Day-2)

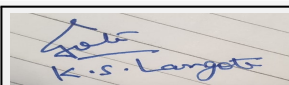
SEAC Meeting number: 71 Meeting Date September 21, 2018

Subject: Environment Clearance for Project "Vrindavan Heights" at S.no. 183/3+183/4+183/5A+183/5B+183/7 Mouje Hadapsar, Taluka Haveli, District Pune, by M/s. Kwality World Developers

Is a Violation Case: No

1.Name of Project	Project "Vrindavan Heights" at S.no. 183/3+183/4+183/5A+183/5B+183/7 Mouje Hadapsar, Taluka Haveli, District Pune, by M/s. Kwality World Developers
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sanket Tupe
4.Name of Consultant	VK:e environmental LLP , Pune
5.Type of project	Residential and 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	s.no. 183/3+183/4+183/5A+183/5B+183/7 Mouje Hadapsar, Taluka Haveli, District Pune
9.Taluka	Haveli
10.Village	Hadapsar
Correspondence Name:	Mr. Sanket Tupe
Room Number:	NA
Floor:	NA
Building Name:	A building
Road/Street Name:	Survey No. 183, Sadesatranali Road
Locality:	Hadapsar
City:	Pune
11.Area of the project	PMC
12.IOD/IOA/Concession/Plan Approval Number	Sanction Received
	IOD/IOA/Concession/Plan Approval Number: Layout Sanctioned -CC/0053/18, B) Building Sanctioned- CC/0021/18
	Approved Built-up Area: 12835
13.Note on the initiated work (If applicable)	Wing A exists on site as per sanction received
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	13250
16.Deductions	1336.52
17.Net Plot area	10081.15
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 16071.14
	b) Non FSI area (sq. m.): 15907.68
	c) Total BUA area (sq. m.): 31978.81
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12835
	Approved Non FSI area (sq. m.): 15907.68
	Date of Approval: 06-04-2018
19.Total ground coverage (m2)	1927.39
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.98%
21.Estimated cost of the project	494100000

22.Number of buildings & its configuration

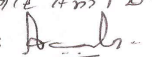


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

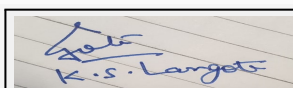
Page 110 of 142

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	Wing A	P+12	37.95	
2	Wing B	Basement + Ground parking + podium parking+ stilt floor + 12 floors	42.30	
3	Wing C	Basement + Ground parking + podium parking+ stilt floor + 12 floors	42.30	
4	Wing D	G+5 floor	18.60	
5	Wing F	Ground floor	4.05	
23.Number of tenants and shops		232 flats, 30 service apartments, 17 shops , 6 restaurants , 2 hall		
24.Number of expected residents / users		2345 (1160 residential + 1185 commercial)		
25.Tenant density per hectare		175		
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 Mtr. wide (The nearest fire station -Amanora Fire Station 0.83 km)		
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		Wing A exists on site as per sanction 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				



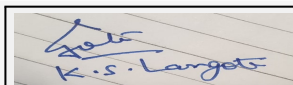
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 111 of 142

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

Dry season:	Source of water	PMC							
	Fresh water (CMD):	140							
	Recycled water - Flushing (CMD):	76							
	Recycled water - Gardening (CMD):	7							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	223							
	Fire fighting - Underground water tank(CMD):	225							
	Fire fighting - Overhead water tank(CMD):	20 for each building							
	Excess treated water	90							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	140							
	Recycled water - Flushing (CMD):	76							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	163.85							
	Fire fighting - Underground water tank(CMD):	216							
	Fire fighting - Overhead water tank(CMD):	20 for each building							
	Excess treated water	97							
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



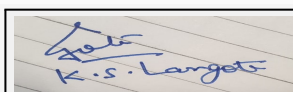
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 112 of 142

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon= 4 meter bgl Pre monsoon = 7.0 meter bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5 recharge pits
	Size of recharge pits :	2 m x2 m x 2 m depth Dimensions of recharge bore well 175 mm diameter depth 30 meter and depth of perforated or slotted casing 12 meter
	Budgetary allocation (Capital cost) :	Rs. 1,81,500/-
	Budgetary allocation (O & M cost) :	Rs. 25000/-per year
	Details of UGT tanks if any :	For Residential : 461 kld For Commercial: 90 kld
35.Storm water drainage	Natural water drainage pattern:	NA
	Quantity of storm water:	435 m3/hr
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	195 kld
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	200 kld
	Location & area of the STP:	On ground, Total Area is 88. 78 sqm
	Budgetary allocation (Capital cost):	Rs. 57,20,000/-
	Budgetary allocation (O & M cost):	Rs. 9,50,000/- year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	20 kg /day (Dry + Wet)
	Disposal of the construction waste debris:	The entire construction waste will be used within the site for leveling purposes and base course preparation of internal approach roads .
Waste generation in the operation Phase:	Dry waste:	410 kg/day
	Wet waste:	467 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	23 kg /day
	Others if any:	e-waste 3.2 kg/day



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 113 of 142

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

Mode of Disposal of waste:	Dry waste:	Handed over to authorize recycler for further handling & disposal purpose
	Wet waste:	Wet waste will be treated on onsite OWC provided.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be Used as manure
	Others if any:	Handed over to authorize recycler for further handling & disposal purpose
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	48 sqm. (total)
	Area for machinery:	48 sqm. (total)
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	14,75,000/-
	O & M cost:	3,34,318/-

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

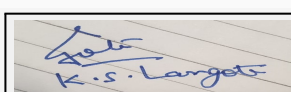
39. Stacks emission Details

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	LSD	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Near fuel pump
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K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 114 of 142

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

42.Mode of Transportation of fuel to site	By Road
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43.Green Belt Development	Total RG area :	1195 sqm
	No of trees to be cut :	NA
	Number of trees to be planted :	150 nos.
	List of proposed native trees :	Refer Below list:
	Timeline for completion of plantation :	Till operation phase

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

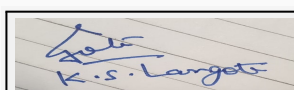
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	17	Good for restoration of dryer parts, good for air purifier and have medicinal properties
2	Syzygium cumini	Jabhul Tree	5	A large size tree with dense foliage provides shade along roads, wood is water resistant and attract variety of birds.
3	Millingtonia hortensis	Indian Cork Tree	18	A columnar, evergreen tree grows well in both dry and moist regions
4	Ficus benamina	Weeping fig	5	Medium sized evergreen tree with elegant appearance and moderate water requirement.
5	Pongamia pinnata	Pichkari	9	Large tree good for stopping soil erosion along canal banks
6	Lagerstroemia flos-regineae	Tamhan	14	State flower tree of Maharashtra. Medium sized tree, beautiful purple flowers, grows well in both dry and humid climate.
7	Cassia fistula	Bahava	10	Small deciduous tree. Excellent flowering tree for arid regions.
8	Erythrina indica	Pangara	17	Medium sized deciduous tree. Bright scarlet flowers.
9	Albizia lebbeck	Shirish	8	Shady, large tree, ball shaped flowers.
10	Polyathia longifolia	Ashoka	11	Large evergreen tree, effective in decreasing noise pollution.
11	Plumeria alba	Champa	19	Ornamental flowering tree.
12	Michelia champaca	Sonchapha	17	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant.

45.Total quantity of plants on ground

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

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

47.Energy



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 115 of 142

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	22 KW
	DG set as Power back-up during construction phase	30 kvA
	During Operation phase (Connected load):	1309.62 KW
	During Operation phase (Demand load):	746 kvA
	Transformer:	1 nos. x 630 kvA + 1 nos. x 315 kvA.
	DG set as Power back-up during operation phase:	1 nos. x 180 kvA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. Timers and contactors will be used to switch on / off common are & external landscape and facade lighting.
2. Light Emitting Diode (LED) will be used for corridors ,Lobbies and common areas.
3. All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro-magnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also improves life of the fluorescent lamps.
4. Energy efficient cfl/t5/led lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs.
5. All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability. To achieve the same we have considered current carrying capacity of all the cables laid through ground/air whichever is minimum.
6. 125 Ltrs Solar water is provided for each flat .
7. Solar PV panel system is proposed for Street lighting & Building common lighting.
8. LPD of 7.5 W/sq.mtr. in Residential areas & 10.8 W/sq.mtr. in Office areas is proposed. ar Energy

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Annual Savings with energy equipment's	25 %

50. Details of pollution control Systems

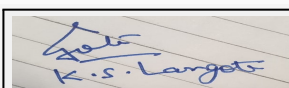
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Solar Water Heater-39,15,000/- , Solar PV cell- 6,33,300/-
	O & M cost:	Solar Water Heater-3,91,500/- , Solar PV cell - 31,665/-

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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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 116 of 142

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

1	Air Environment	Erosion control , Dust suppression measures , barricading and top soil preservation	14,00,000/-
2	Land	Labour camp toilets & sanitation	4,40,000/-
3	Health and Safety	Labour Safety Equipments and Training	4,00,000/-
4	Disinfection and Health Check-ups	Disinfection and Health Check-ups	66,000/-
5	Environment Management	Environmental Monitoring Cell	1 ,75,000/-
6	Environmental Monitoring	Environmental Monitoring	1,85,600/-

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	STP	57,20,000/-	9,50,000/-
2	Organic waste management	OWC	14,75,000/-	3,34,318/-
3	Landscaping	Development and Maintenance	3,41,000	27,000/-
4	Rain water harvesting	recharge pits with bore	1,81,500/-	25,000/-
5	Energy	Solar Water Heater	39,15,000/-	3,91,500/-
6	Energy	Solar PV cell	6,33,300/-	31,665/-
7	Environment Monitoring	Environment Monitoring	85000/-	NA

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

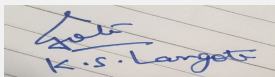
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

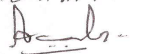
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The project site about a 12 m wide road, which connects to the Road .6 m internal roads for easy access of fire tender movement are provided.
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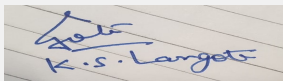

K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 117 of 142

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

Parking details:	Number and area of basement:	1no & 520.91 Sq.m
	Number and area of podia:	1no & 1581.45 Sq.m
	Total Parking area:	4367.90 Sq.m
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	523
	Number of 4-Wheelers as approved by competent authority:	248
	Public Transport:	NA
	Width of all Internal roads (m):	6 m wide internal road is provided. 9 m turning radius will be provide
	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	8a building and construction project
	Court cases pending if any	NO
	Other Relevant Informations	Residential and Commercial Project
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 118 of 142

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

Environment Clearance for Project "Vrindavan Heights" at S.no. 183/3+183/4+183/5A+183/5B+183/7 Mouje Hadapsar, Taluka Haveli, District Pune, by M/s. Kwality World Developers.

PP submitted their application for prior Environmental clearance for total plot area of 13250 Sq. Mtrs, BUA of 31978.81 Sq. Mtrs and FSI area of 16071.14 Sq. Mtrs. PP proposes to construct 5 no. residential & commercial building.

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

DECISION OF SEAC

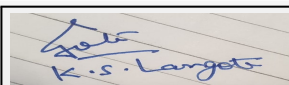
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

1) PP to submit 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

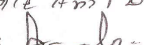
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 119
of 142**

Name: K. Anil Kale
Signature: 

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

71st Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 71 Meeting Date September 21, 2018

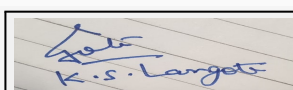
Subject: Environment Clearance for Residential & Commercial Project

Is a Violation Case: No

1.Name of Project	Archana Kohinoor Glory
2.Type of institution	Private
3.Name of Project Proponent	Mr Ambreshwar K Chikhale
4.Name of Consultant	Mr Rajesh Srivastav PECS- Pollution & Ecology Control Services
5.Type of project	PMC
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	S. No. 38/2B+ 3A/2+3, Mohmadwadi, Pune
9.Taluka	Haveli
10.Village	Mohmadwadi
Correspondence Name:	Mr Ambreshwar K Chikhale
Room Number:	Office No 203
Floor:	2nd Floor
Building Name:	Arora Tower
Road/Street Name:	M G Road
Locality:	Pune
City:	Pune
11.Area of the project	Corporation Area
12.IOD/IOA/Concession/Plan Approval Number	Pune Municipal Corporation
	IOD/IOA/Concession/Plan Approval Number: Commencement certificate No. 2607/13
	Approved Built-up Area: 19851.5
13.Note on the initiated work (If applicable)	The construction of wing A is completed & construction of Wing B & C is Completed up to 2 slabs. Total construction of 12915.58 Sqm (BUA)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	13800 Sqm
16.Deductions	4048.5 Sqm
17.Net Plot area	9751.55 Sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 12811.5
	b) Non FSI area (sq. m.): 11055.6
	c) Total BUA area (sq. m.): 23867.11
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12811.47
	Approved Non FSI area (sq. m.): 7040.03
	Date of Approval: 11-11-2013
19.Total ground coverage (m2)	2136.47
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21.91 %
21.Estimated cost of the project	485872650

22.Number of buildings & its configuration

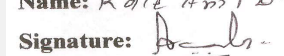
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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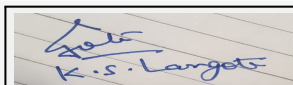
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 120 of 142

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

1	Wing A	B+G+10	33.78	
2	Wing B	2B+G+10	33.55	
3	Wing C	2B+G+10	33.55	
23.Number of tenants and shops	No of tenants 216 No No of shops 39 Nos			
24.Number of expected residents / users	Residential Users- 1080 Nos Commercial Users- 465 Nos			
25.Tenant density per hectare	222 Tenements Per Hector			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 M wide Approach Road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 m			
29.Existing structure (s) if any	Yes, new construction done as per sanction.			
30.Details of the demolition with disposal (If applicable)	No Demolition is proposed in the project.			
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				

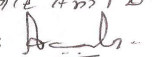


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

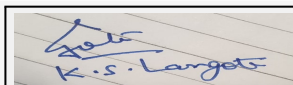
Page 121 of 142

Name: K. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC								
	Fresh water (CMD):	106.5								
	Recycled water - Flushing (CMD):	60.24								
	Recycled water - Gardening (CMD):	6								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	172.74								
	Fire fighting - Underground water tank(CMD):	150								
	Fire fighting - Overhead water tank(CMD):	60								
	Excess treated water	100.5								
Wet season:	Source of water	PMC								
	Fresh water (CMD):	106.5								
	Recycled water - Flushing (CMD):	60.24								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	166.74								
	Fire fighting - Underground water tank(CMD):	150								
	Fire fighting - Overhead water tank(CMD):	60								
	Excess treated water	106.5								
Details of Swimming pool (If any)	Not Proposed									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



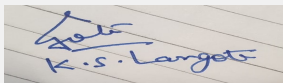
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 122 of 142

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15 m
	Size and no of RWH tank(s) and Quantity:	Harvesting proposed in Recycled Water Tank with filtration
	Location of the RWH tank(s):	Collected in Raw water Tank
	Quantity of recharge pits:	3 Nos
	Size of recharge pits :	2 m X 2m x 3m
	Budgetary allocation (Capital cost) :	1.95 Lac
	Budgetary allocation (O & M cost) :	0.08 Lac P.A.
	Details of UGT tanks if any :	UGT in A wing- 160 Cum UGT in B & C wing- 250 Cum
35.Storm water drainage	Natural water drainage pattern:	Nort to South
	Quantity of storm water:	3427.47 Cum
	Size of SWD:	P A 450 mm & 600 mm
Sewage and Waste water	Sewage generation in KLD:	145.81 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	176 KLD
	Location & area of the STP:	Shown on the Plumbing Plan
	Budgetary allocation (Capital cost):	24 Lac
	Budgetary allocation (O & M cost):	2.64 Lac P. A.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	2.5 Kg/day
	Disposal of the construction waste debris:	To be disposed of through authroised agency & Recyclers
Waste generation in the operation Phase:	Dry waste:	262.5 Kg/day
	Wet waste:	363.09 Kg/day
	Hazardous waste:	Negligible Kg/day
	Biomedical waste (If applicable):	NIL Kg/day
	STP Sludge (Dry sludge):	15.84 Kg/day
	Others if any:	NIL



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 123 of 142

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

Mode of Disposal of waste:	Dry waste:	To be disposed of through authroised agency & Recyclers
	Wet waste:	In-situ Composing
	Hazardous waste:	If generated, handed over to authorized agency
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	15.84 Kg/day
	Others if any:	NIL
Area requirement:	Location(s):	As shown on the Plan
	Area for the storage of waste & other material:	42 SQM
	Area for machinery:	36 SQM
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	7.66 Lac
	O & M cost:	2 Lac P. A.

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

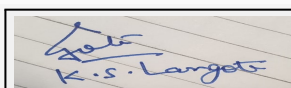
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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		



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 124 of 142

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

43.Green Belt Development	Total RG area :	999.11 Sqm
	No of trees to be cut :	Nil
	Number of trees to be planted :	Trees to be planted as per rule-122 Nos Existing Trees- 49 Nos Hence No. of trees to be planted- 73 Nos
	List of proposed native trees :	List given Below
	Timeline for completion of plantation :	Before completion of the project

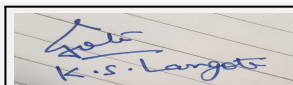
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Nyctanthes arbor-tristis	Parijataak	7	This Small tree has highly fragrant flowers those attract Bees and Butterflies, Fruits attract Birds.
2	Ochna obtusata	Kanak Champa	7	Native, this shrub has yellow fragrant flowers, Host plant for Butterflies.
3	Murraya paniculatum	Kamini/Kunti	7	Native to Western Ghats, this shrub has fragrant white flowers and dense foliage. It is a host plant for Butterflies.
4	Manilkara zapota	Chickoo	7	This small tree attracts Birds and Bees. Edible Fruit.
5	Citrus limon	Lemon	7	This Shrub is used in everyday Cooking and acts as a host plant for Butterflies.
6	Bauhinia racemosa	Apta	7	Native to Pune, this Shrub has a Religious importance
7	Mimusops elengi	Bakul	7	Native, Evergreen Foliage and Flowering tree has dense branching, hence good for Wind screening. Flowers are deeply fragrant and attracts birds and Bees.
8	Pongamia pinnata	Karanj	7	Native to Pune, this Deciduous White Flowering tree . Attracts Birds and Arboreal Mammals.
9	Lagerstroemia reginae	Tamhan	7	This Purple Flowering plant is the State flower of Maharashtra.
10	Cassia fistula	Bahava	7	This Flowering and Deciduous tree has beautiful Yellow chandeliers in Summers. Good perching site for Birds.
11	Erythrina variegata	Pangara	3	Native to Western Maharashtra, this Reddish-Orange Flowering and Deciduous tree attracts lot of Birds for the Nectar.

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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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 125 of 142

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

1	NA	NA	NA
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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	60 KW
	DG set as Power back-up during construction phase	30 KVA
	During Operation phase (Connected load):	704.14 KW
	During Operation phase (Demand load):	530.55 KVA
	Transformer:	630 KVA- 1 No
	DG set as Power back-up during operation phase:	100 KVA- 1 No
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Common area lighting such as parking, stairways, passages etc shall be provided with LED bulbs

- LED for entire Drive way and internal roads and pathways
- Solar Water heating system shall be provided for entire scheme as per norms
- Energy efficient pumps.
- Timer for Staircase lighting, Lift Lobby, Parking area and street lights.
- Energy saving devices for passenger lifts.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar water heater	17.64 %
2	Solar street lights	1.69 %
3	P V Generation	0.11 %
4	Total percentage of saving	19.43 %

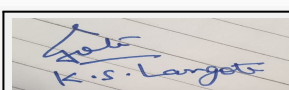
50. Details of pollution control Systems

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. 23.28 Lacs
	O & M cost:	Rs. 0.48 Lacs/Annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):



K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 126 of 142

Name: K. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for construction & Labour	Water Requirement	1.22
2	Site Sanitation & Safety	Health & Safety of Labour	1.60
3	Environmental Monitoring	Pollution Monitoring & Control	1.80
4	Disinfection	Health & Safety of Labour	0.5
5	Health Check up	Health & Safety of labour	0.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH Pits	1.95	0.08
2	Sewage Treatment Plant	Waste water treatment	24	2.64
3	Organic Waste Composting	Solid waste management	7.66	2
4	Tree Plantation	Landscape development	7.49	0.37
5	Energy saving	Energy Conservation measures	23.28	0.48
6	Environment Monitoring	Pollution monitoring & Control	0.0	1.80

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

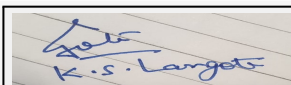
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	2
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K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 127 of 142

Name: K S Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	2 Basements of area- 3801.61 Sqm
	Number and area of podia:	Nil
	Total Parking area:	3476 Sqm
	Area per car:	12.51 Sqm
	Area per car:	12.51 Sqm
	Number of 2-Wheelers as approved by competent authority:	1118 Nos
	Number of 4-Wheelers as approved by competent authority:	1888 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	Minimum 6 m in width
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	Nil
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

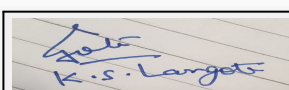
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Residential & Commercial Project at S. No. 38/2B+ 3A/2+3, Mohmadwadi, Pune by Archana Kohinoor Glory.

PP submitted their application for prior Environmental clearance for total plot area of 13800 Sq. Mtrs, FSI area of 12811.5 Sq. Mtrs, Non FSI area of 11055.6 Sq.m and total BUA of 23867.11 Sq. Mtrs. PP proposes to construct 3 residential buildings.

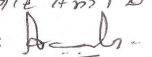


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 128 of 142

Name: K. Anil Kale

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

DECISION OF SEAC

PP remains absent.

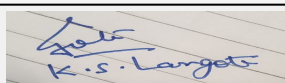
SEAC decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

SEAC-AGENDA-00000000137



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

**SEAC Meeting No: 71 Meeting Date: September
21, 2018**

**Page 129
of 142**

Name: K. S. Anil D.
Signature: Anil D.

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

71st Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 71 Meeting Date September 21, 2018

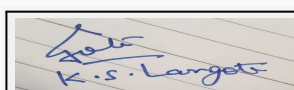
Subject: Environment Clearance for Proposed hill station type area development "The Green Butterfly" project at villages Telbaila, Majgaon and Saltar by Satind Infrastructures Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	The Green Butterfly
2.Type of institution	Private
3.Name of Project Proponent	Smt. Taranjit Anand Director Satind Infrastructures Pvt. Ltd.
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Hill station type area development.
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	List of survey number is attached as Annexure 1
9.Taluka	Mulshi
10.Village	Villages Telbaila, Majgaon and Saltar
11.Area of the project	Other area
12.IOD/IOA/Concession/Plan Approval Number	Approval from Urban Development, Department Govt. Of Maharashtra, vide notification no TPS1813/3302/CR-573 and TPS -1895/2247/CR-26/95/UD-13 declaring the specified area, three villages as a hill station development.
	IOD/IOA/Concession/Plan Approval Number: Approval from Urban Development, Department Govt. Of Maharashtra, vide notification no TPS1813/3302/CR-573 and TPS -1895/2247/CR-26/95/UD-13 declaring the specified area, three villages as a hill station development.
	Approved Built-up Area: 2096820
13.Note on the initiated work (If applicable)	No work has been initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	TPS1813/3302/CR-573 and TPS -1895/2247/CR-26/95/UD-13
15.Total Plot Area (sq. m.)	97,94,100 m ²
16.Deductions	4,55,100 m ²
17.Net Plot area	93,39,000 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 18,96,829 m ²
	b) Non FSI area (sq. m.): 1,99,992 m ²
	c) Total BUA area (sq. m.): 20,96,820 m ²
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 (m ²)	1170372
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12 %
21.Estimated cost of the project	94650000000

22.Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Small Villa Plots (525 sq m) 2000 unit	G + 1	9



K.S.Langote (Secretary SEAC-III)

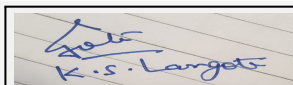
SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 130 of 142

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

2	Medium Villa Plots (800 sq m) 1300 units	G + 1	9
3	Luxury villa Plots (1000 sq m) 800 units	G + 1	9
4	Service Quarters 1948 units	G + 7	24
5	Commercial AVGC Park 1 unit	G + 6	21
6	City Office 1 unit	G + 2	12
7	Office Complex 2 units	G + 2	12
8	Hill Street Shoppee 1 unit	G + 2	12
9	Service Industries 2 unit	G + 2	12
10	University 2 unit	G+ 2	12
11	Craft center 1 unit	G + 2	12
12	Cultural Center & Cineplex	G+ 2	12
13	Convention Center	G+ 2	12
14	Residential School	G+ 2	12
15	Primary + Secondary School	G+2	12
16	Multi specialty	G+ 2	12
17	Auditorium	G+ 2	12
18	City Club	G+ 2	12
19	Hotels < 3 star 5 nos Business Hotels	G + 3	12
20	Hotels > 3 star 3 nos Luxury Hotels & Convention centre	G + 4	16
21	Hotels > 3 star 1 nos Valley View Resorts	G + 4	16
23.Number of tenants and shops	Residential Residential Villas: 4,100 units Service quarters: 1948 units Total : 6048 units. Public Semi-public/Hotels Hotels (9): 2297 rooms Universities: 3 Residential School+School: 3 Hospital: 1 Commercial: AVGC Park: 1 Office complex: 2, Hill street shops City office: 1 Bank, Fire station, Petrol Pump, Police station: 1 each Service industries: 2. Office: 2		
24.Number of expected residents / users	Residential: 20,500 Hotels: 4830 Public-Semi-public: 10,377 Service quarters:9,739 Commercial:18954 Service Industries: 6273 Total population: 70,672 nos.		
25.Tenant density per hectare	Residential: 6.17 Tenement/hectare 30.87 Tenants/hectare		
26.Height of the building(s)			



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 131 of 142

Name: K. S. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

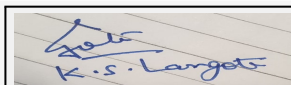
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	36 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum road width (tertiary roads) in the project premises is of 12 m has been proposed thus turning radius is more than 9 m for entire project.
29.Existing structure (s) if any	Gaathan of three villages (Saltar, Teilbaila and Majgaon) are coming in Project area which will be retained as it is and around 200 buffer zone with ROW is left as per approval.
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	Proposed Water reservoirs(Rain water) (12 nos)
	Fresh water (CMD):	4728 m3/day
	Recycled water - Flushing (CMD):	2625 m3/day
	Recycled water - Gardening (CMD):	3295 m3/day
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	11015m3/day including HVAC water
	Fire fighting - Underground water tank(CMD):	Details of individual UGW tank will be calculated during detail designing of individual unit
	Fire fighting - Overhead water tank(CMD):	Details of individual OHW tank will be calculated during detail designing of individual unit
	Excess treated water	00 m3/day

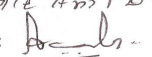


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 132 of 142

Name: K. Anil Kale

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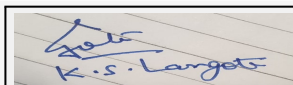
Shri. Anil Kale (Chairman SEAC-III)

Wet season:	Source of water	Proposed Water reservoirs(Rain water) (12 nos)
	Fresh water (CMD):	4728 m3 / d a y
	Recycled water - Flushing (CMD):	2625 m3/day
	Recycled water - Gardening (CMD):	00m3/day
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	7720m3/day including HVAC
	Fire fighting - Underground water tank(CMD):	details of individual UGW tank will be calculated during detail designing of the unit
	Fire fighting - Overhead water tank(CMD):	Details of individual OHW tank will be calculated during detail designing of individual unit
Excess treated water	3295 m 3 /day	
Details of Swimming pool (If any)	Details of the dimension of the swimming pool plant and machinery used for the treatment of swimming pool water will be dependent on the design of the individual unit and their need for such requirement . it will be calculated during detail designing of each unit	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	pre-monsoon approx. 4m bgl post monsoon approx.0.5 mbgl
	Size and no of RWH tank(s) and Quantity:	RWH tanks are not proposed , 5 check dams and 12 water bodies have been proposed
	Location of the RWH tank(s):	NA, location of check dams and reservoirs are given in master plan
	Quantity of recharge pits:	75 recharge pits with borewell of 30 m
	Size of recharge pits :	3mx3mx2m
	Budgetary allocation (Capital cost) :	Check dams - Rs. 2,50,000,000 , Rain water harvesting reservoirs
	Budgetary allocation (O & M cost) :	7,50,000
	Details of UGT tanks if any :	Two water treatment plants of 3 MLD in Northern part and 2 MLD in southern part of project has been proposed. ESR of different capacities are proposed from where the water will be supplied to entire premises. Details of individual UGT tank will be calculated during detailed designing of each component.



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

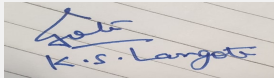
Page 133 of 142

Name: K. S. Anil Kale

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the existing streams/ravines and additional storm water drains of adequate capacity will be led to recharge pits/ check dams and water reservoirs.
	Quantity of storm water:	2,61,49,200 cum
	Size of SWD:	Details are given in the EIA report
Sewage and Waste water	Sewage generation in KLD:	6617 m3/day
	STP technology:	Phytorid Technology
	Capacity of STP (CMD):	32 no.s of STPs of Phytorid Technology+ 1 ETP/ STP proposed for hospital having total capacity 6618 m3/day
	Location & area of the STP:	Area and location has been shown in master layout
	Budgetary allocation (Capital cost):	Rs. 25,50,00,060 /-
	Budgetary allocation (O & M cost):	Rs.65,98,000/-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1000 kg/day (Dry +wet)
	Disposal of the construction waste debris:	The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.
Waste generation in the operation Phase:	Dry waste:	8.08 tonnes/day
	Wet waste:	9.76 tonnes/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	0,077 tonnes /day
	STP Sludge (Dry sludge):	115 kg/day
	Others if any:	E-waste- 0.089 tonnes/day



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

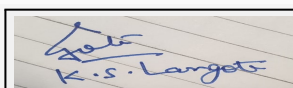
Page 134 of 142

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

Mode of Disposal of waste:	Dry waste:	Dry waste will be further segregated into recyclable and non-recyclable. Recyclable waste like plastic and PET will be compressed through a baler machine and will be stored on site for further handover to authorized recyclers. Other non recyclable material with high calorific value will be treated by the method of pulverization and the pellets will be used for firing in boilers of hotels. The non-recyclable like sanitary wastes will be incinerated on site through an incinerator. A baler machine
	Wet waste:	Biodegradable waste will be treated in Biogas plant and Organic Waste Converter. One biogas plant has been proposed to treat the biodegradable waste generating from Hotels, Universities, Residential schools, Restaurants etc. around 57% of biodegradable waste will be get treated with Bio-methanation method. Around 43% of organic waste will be treated in organic waste convertor. Total 9 OWCs are proposed to treat the biodegradable waste generating from residential area, day school and city club.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Authorized vendor
	STP Sludge (Dry sludge):	STP sludge from Phytorid Technology STP will be fed to Biogas
	Others if any:	E-waste: Agreement for management and disposal has been done with Hi-tech Recyclers.
Area requirement:	Location(s):	Locations of OWC and Biogas are provided in master layout
	Area for the storage of waste & other material:	Area and locations are given in the master layout
	Area for machinery:	Details are given in the master layout
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	1) OWC: Approx. Capital Cost: Rs.1,42,25,000/- 2) Sanitary Napkin Incinerator: Approx. Capital Cost: Rs. 8,70,000 /- 3) Smart Baler Machine : Approx. Capital Cost: Rs. 9,90,000/- 4) Biogas: Approx. Capital Cost: Rs. 1,93,00,000 /-
	O & M cost:	1) OWC: Approx. O & M Cost: 27,84,848/- 2) Sanitary Napkin Incinerator: Approx.O & M Cost:5,17,978/- 3) Smart Baler Machine : Approx.O & M Cost: 8,53,910 /- 4) Biogas: Approx.O & M Cost:18,96,000 /-

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	6.5 to 7	6 to 6.5	5.5-9
2	TSS	mg/l	300 to 400	<10	100
3	BOD	mg/l	200 to 270	<10	30
4	COD	mg/l	500 to 560	<30	250
5	O & G	mg/l	15 to 20	<05	<10
Amount of effluent generation (CMD):		83			
Capacity of the ETP:		83			
Amount of treated effluent recycled :		50			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Details are given in EIA report			
Disposal of the ETP sludge		ETP sludge will be disposed to CHWTF			



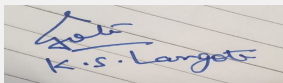
K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 135 of 142

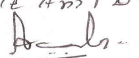
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Shri. Anil Kale (Chairman SEAC-III)

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	96 no.s of DG sets of 1000 KVA	Approx. 153.30 Kg/hr per DG set	96	6.3m	10 inches	500-400 Deg Celsius	
2	4 no.s of DG sets of 750 KVA	Approx.130.4 Kg/hr per DG set	4	5.4 m	8 inches	500-400 Deg Celsius	
3	8 no.s of DG sets of 500 KVA	Approx.160 Kg/hr per DG set	8	4.4 m	6 inches	500-400 Deg Celsius	
4	3 no.s of DG sets of 400 KVA	Approx.160 Kg/hr per DG set	3	4.0 m	6 inches	500-400 Deg Celsius	
5	4 no.s of DG sets of 320 KVA	Approx.160 Kg/hr per DG set	4	3.5 m	6 inches	500-400 Deg Celsius	
6	6 no.s of DG sets of 250 KVA	Approx.31.8 Kg/hr per DG set	6	3.16 m	5 inches	500-400 Deg Celsius	
7	23 no.s of DG sets of 600 KVA	Approx.160 Kg/hr per DG set	23	4.8 m	6 inches	500-400 Deg Celsius	
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		Petrol pump in the premise					
42.Mode of Transportation of fuel to site		By road					
43.Green Belt Development							
		Total RG area :	908.48 Acres (39.36%)				
		No of trees to be cut :	No tree will be cut. Only shrubs coming under building foot print or road will be cut.				
		Number of trees to be planted :	2.75 Lakhs				
		List of proposed native trees :	Detailed list is attached as Annexure No.2				
		Timeline for completion of plantation :	12-15 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	Detailed list is attached as Annexure no. 2	Detailed list is attached as Annexure no. 2	Detailed list is attached as Annexure no. 2	Detailed list is attached as Annexure no. 2			
45.Total quantity of plants on ground							
46.Number and list of shrubs and bushes species to be planted in the podium RG:							


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 136 of 142

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

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

47. Energy

Power requirement:	Source of power supply :	MSEDCL/Tata Power
	During Construction Phase: (Demand Load)	Details are given in EIA report
	DG set as Power back-up during construction phase	Total 37 DG sets have been proposed during construction Phase of following capacities 1000 kVA-11 nos. , 750 kVA-3 nos., 600 kVA-13 nos. , 500 kVA-3 nos. , 400 kVA-3 nos., 320 kVA-2 nos. , 250 kVA-2 nos.
	During Operation phase (Connected load):	223 MW
	During Operation phase (Demand load):	166 MVA
	Transformer:	Receiving station has been proposed
	DG set as Power back-up during operation phase:	Total 144 DG sets has been proposed: Details are as follows - 1) 1000 KVA - 96 DG sets 2) 750 KVA - 4 DG sets 3) 600 KVA - 23 DG sets 4) 500 KVA - 8 DG sets 5) 400 KVA-3 DG sets 6) 320 KVA-4 DG sets 7) 250 KVA- 6 DG sets
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Around 35 to 40 % power requirement will be met through Green Energy, with combination of solar PV and wind mills.
- Each residential villa, will have 1.5 kWp to 10 kWp Solar PV and combination of wind and Solar PV power generating unit.
- Commercial complexes such as hotels, hospitals, office complex, office complex, University campus will have minimum 100 to 200 kW -solar PV plant to feed their own requirement.
- Non-buildable area will be explore for installation of solar PV plant.
- Power gener

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of renewable energy like solar and wind energy	35-40 % energy saving by using renewable energy

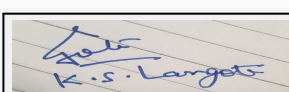
50. Details of pollution control Systems

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. 250,00,00,000/-
	O & M cost:	Rs. 5,00,00,000/-

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):



K.S. Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 137 of 142

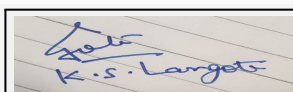
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Signature: [Handwritten Signature]
Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	land environment	Labour camp toilets	20,00,000/-
2	health and safety	labour safety equipment and training	2,00,00,000/-
3	land , water, noise and air environment	Environmental monitoring	7,60,000/-
4	Health and safety	Disinfection and Health Check -ups (per year)	24,90,000/-
5	water environment	Sewage treatment plant (2 no.s)	Capital cost 60,00,000/- O & M cost 9,00,000/-
6	land environment	Organic waste treatment (OWC)	Capital cost 20,25,000/- O & M cost 4,77,855/-
7	water environment	Packaged water treatment plant	30,00,000/-
8	air environment	continuous air monitoring station	Capital cost 1,03,00,000 O & M 7,00,000 /-
9	water environment	Check dams	2,50,00,000/-
10	water environment	Reservoirs	15,00,00,000/-

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	32 no.s of STP with Phytoid Technology	25,50,00,060 /-	65,98,000/-
2	OWC	9 OWC machines	1,42,25,000/-	27,84,848/-
3	Sanitary Napkin Incinerator	9 Incinerators	8,70,000 /-	5,17,978/-
4	Smart Baler Machine	9 baler machines	9,90,000/-	8,53,910 /-
5	Biogas	1 biogas plant	1,93,00,000 /-	18,96,000 /-
6	Landscaping	Development and maintenance of Landscape area	41,19,70,000/-	32,95,600/-
7	Rain Water Harvesting	Recharge pits	26,25,000 /-	7,50,000/-
8	Water Treatment Plant	2. no.s of WTPs	8,04,00,000/-	1,22,16,000/-
9	ETP / STP for Hospital	1 ETP-STP proposed for hospital	1,31,00,000/-	30,00,000 /-
10	Solar and Wind Energy	Devices for renewable energy	250,00,00,000/-	5,00,00,000/-
11	Environmental Monitoring	Land, air, noise and water environment	Cost of online monitoring has been considered in construction phase EMP costing.	30,65,000/-

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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 138 of 142

Name: K S Langote

Signature: [Handwritten Signature]

Shri. Anil Kale (Chairman SEAC-III)

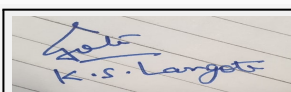
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	The Major District Road that connects Khalapur and Khopoli to Pali somewhat North to South, parallel and west to the road that presently connects the site from Lonavala and onwards onto Tamhini Ghat. This MDR is a potential future connector, and the PWD's present road map for Raigad District and the Govt. of Maharashtra's own MoU with this development, opens possible opportunities for connecting the lower main road to the Lonavala-Tamhini connector, bringing Mumbai to within 1.0-1.5 hours to th
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	For visitors around 95000 sq m area has been identified for around 3000 vehicles. In total provision of parking for 12044 number of 4 wheeler and 36132 of 2 wheeler and bicycle is proposed for the project. For private parking facility is set aside in three different areas and will be distributed within each individual sector and applicable villas.
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	36132 of 2 wheelers
	Number of 4-Wheelers as approved by competent authority:	12044 number of 4 wheelers
	Public Transport:	Public transport will be arranged by SIPL. Details are given in EIA report.
	Width of all Internal roads (m):	Internal Road proposed • Arterial Roads - 36m ROW (3-Lane + 3-Lane) • Sub Arterial Roads - 24m & 18m ROW (2-Lane + 2-Lane) • Tertiary Roads - 12m ROW (2-Lane)
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	1) Reserve Forest near Saltar Site adjacent 2) Reserve Forest near Kewani Pathar 5 km - S 3) Reserve Forest near Navghar 5 km - W 4) Reserved Forest near Kadva Dongar 9.30 km - NE 5) Reserved Forest near Morgiri 13 km - NE 6) Reserve Forest near Ponda 14 km- SE

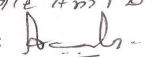


K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 139 of 142

Name: K. S. Langote

Signature: 

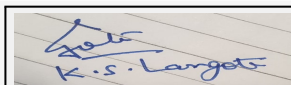
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	Category as per schedule of EIA Notification sheet	8 b "Townships and Area development"
	Court cases pending if any	1 court case is Pending in Civil Court of Pune
	Other Relevant Informations	<p>This Application is for compliance.</p> <p>As "The Green Butterfly" project was submitted to Dept of Environment, Govt. of Maharashtra dated 20.04.2009 and discussed in 20th SEAC meeting dated 30.11.2009.</p> <p>-On submission of compliance, the proposal was discussed in 43rd SEAC meeting, Project was recommended for prior Environment Clearance dated 18.04.2011.</p> <p>-Project was considered in 40th SEIAA meeting dated 12.10.2011. Authority asked for the final approval of hill station development u/s 20 (4) of the MRTP Act, 1966.</p> <p>-After submission of approval from the Govt. of Maharashtra vide its notification dated 26.11.2015, the case was considered in 96th SEIAA meeting.</p> <p>- Proposal discussed in 47th SEAC-III meeting under EIA Notification as a compliance case. Terms of Reference (ToR) has been issued by Dept. of Environment, Govt. of Maharashtra to supplement earlier EIA studies dated 23.05.2016.</p> <p>-SEAC III hearing has been done in 55th Meeting dated 8.10.2016.</p> <p>- Minutes of meetings has been received dated 19.10.2016.</p>
	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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 140 of 142

Name: K. S. Langote

Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for Proposed hill station type area development "The Green Butterfly" project at villages Telbaila, Majgaon and Saltar by Satind Infrastructures Pvt. Ltd

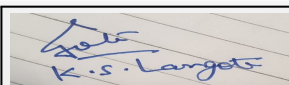
PP submitted their application for Prior Environmental clearance for total plot area of 9794100 Sq. Mtrs, BUA of 2096820 Sq. Mtrs and FSI area of 1896829 Sq. Mtrs.

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.

The Green Butterfly" project was submitted to Dept of Environment, Govt. of Maharashtra dated 20.04.2009 and discussed in 20th SEAC meeting dated 30.11.2009. On submission of compliance, the proposal was discussed in 43rd SEAC meeting, Project was recommended for prior Environment Clearance dated 18.04.2011. Project was considered in 40th SEIAA meeting dated 12.10.2011. Authority asked for the final approval of hill station development u/s 20 (4) of the MRTP Act, 1966. After submission of approval from the Govt. of Maharashtra vide its notification dated 26.11.2015, the case was considered in 96th SEIAA meeting and referred back to SEAC. So the Proposal was discussed in 47th SEAC-III meeting under EIA Notification as a compliance case. Terms of Reference (ToR) has been issued by SEAC to supplement earlier EIA studies dated 23.05.2016. SEAC III hearing has been done in 55th Meeting dated 8.10.2016.

Now 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.

DECISION OF SEAC



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 141 of 142

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

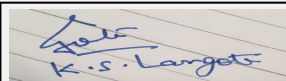
After detail discussion of the case, committee shared the observations with the PP in respect to water and waste water and asked to submit information to the committee for further discussion and consideration of SEAC and asked the PP for detail presentation on Ecology , Air Pollution & noise chapter in the next meeting and also PP shall make compliance of water & waste water chapter. The committee shall perform the site visit as an when necessary.

Specific Conditions by SEAC:

- 1) PP to obtain remarks from water commission of GoM regarding catchment area consumption.
- 2) PP to obtain specific NOC from the respective dept. of GoM for sustainable water supply to project.
- 3) PP to submit details of check dams, contour map, NOC to change natural course of water and cross sections along with detailed drawings.
- 4) PP to follow dual plumbing system.
- 5) PP to undertake waste management program designed to avoid run-off of nutrients (from use of fertilizers) / pesticides to water drains or water bodies.
- 6) PP to submit details as to how much of the water requirement can be met from the recycling of treated wastewater.
- 7) PP to submit NGP NOC.
- 8) PP to submit cross sections through the streams and the proposed buildings / bungalows adjoining the same.
- 9) PP to submit plans of existing drainage pattern.
- 10) PP to submit following details regarding traffic management: (a) Details of roads to be developed by Government. (b) Intersection diagrams to scale of all external road networks, traffic volume counts. (c) Present volumes on approach roads - inputs from Amby Valley / Maharashtra Valley & nearby developments. (d) V/C ratio on external roads. (e) Internal traffic generation - commercial / residential /others. (f) V/C ratio on all internal roads. (g) Sector wise fire tender movement. (h) Cross section of all driveways / buildings. (i) Parking details of each sectors. (j) Separate parking to be provided for commercial and residential purpose.
- 11) PP to submit following details regarding ecology and biodiversity: (a) NOC from Forest Department. (b) Undertaking that aquatic flora and fauna will not be affected. (c) What will be the impacts of lighting during construction phase as well as when the human habitation occurs on animals, particularly birds as regards the impacts on nesting activity, roosting places, and feeding behavior since the alteration will change the food available which may disturb the balance of these communities as urban avoiders would leave the area being sensitive to human presence. It may encourage and consequently the variety of raptors in the area. (d) What will be the likely impacts of heat generated when the area is finally occupied? (e) What will be the impact on fossorial fauna as a result of digging and excavation for construction activity? (f) Will it attract wild life from the surrounding area when the refuse from dwelling units are deposited in the garbage dumps? (g) What are the possibilities of road-hits when the roads are laid for human population and the wildlife present tries to cross the roads? (h) What will be the impacts of wildlife due to fragmentation of a habitat? (i) What impacts will the pets in local households will have on the native fauna? (j) How many lux of light is expected to be present due to street lighting and domestic lighting and how will it impact insect breeding as well as flowering of plants since there will be a change in duration of photoperiod? (k) Ultimately all the water from gardens and golf-course will drain to nearest water body and there will be a heavy use of pesticides, particularly herbicides, in the developed area. How will it impact the aquatic food chains, particularly due to bio-magnifications through the food chain, on the apex level organisms? (l) How will this aquatic pollution impact the flora and fauna in the sediment of these water bodies? (m) What will be the impact of air pollution caused due to large number of vehicles, both private and public, ecologically sensitive species since all species are not equally resistant to air pollution? (n) What will be the visual impact on wildlife, particularly birds, due to large scale construction? (o) What will be impact of this development on the movement of regularly migrating species? (p) Will there be a change in the circadian cycles of animals and plants? (q) What will be the impacts of power-lines laid for electrical supply on the fauna due to collisions / electrocutions? (r) Will the introduction of avenue-lining trees reduce the nesting sites for birds? (s) What will be the level of noise generated during construction phase and during the time the area is inhabited on the breeding behaviours of animals? (t) What plans are designed to mitigate the man-animal conflicts like snake-bite or occasional venturing of wild animals in the inhibited area? (u) PP to submit phase-wise plantation plan. (v) PP to submit patch-wise plantation plan. (w) PP to submit list of local native adaptive species. (x) PP to submit special chapter on macrophytes.

FINAL RECOMMENDATION

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



K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 71 Meeting Date: September 21, 2018

Page 142 of 142

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