

Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

SEAC Meeting number: 65 Meeting Date May 31, 2018

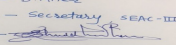
Subject: Environment Clearance for Environmental Clearance for Proposed Residential & Commercial Development.

Is a Violation Case: No

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

22.Number of buildings & its configuration

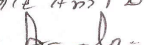
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	P/L.G+ stilt/U.G+2P+17 floors	68.60
2	B	P/L.G+ stilt/U.G+2P+17 floors	68.60
3	C	P/L.G+ stilt/U.G+2P+17 floors	68.60
4	D	P/L.G+ stilt/U.G+2P+17 floors	68.60
5	E	P/L.G+ stilt/U.G+2P+17 floors	68.60

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

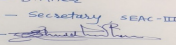
SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 1 of 66

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

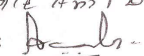
6	F	Gr /Parking +3 floors	14.90	
7	Commercial	L.P+U.P+ P/L.G+ stilt/U.G+1	9.35	
8	Club House	G+1	6.00	
23.Number of tenants and shops	Tenements:380 Commercial Units:75			
24.Number of expected residents / users	Residential: 3855 Commercial:1696 Nos.			
25.Tenant density per hectare	82 Tenements / hectare			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nearest Fire Station: Pune Cantonment: 3.12 Km from the site. Width of the road from the nearest fire station to the proposed building 24 m wide road abutting to the site.			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the building is minimum 9 m.			
29.Existing structure (s) if any	We have carried out the construction as per sanction received. Total constructed area is 111521 m2			
30.Details of the demolition with disposal (If applicable)	Not applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

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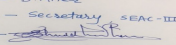
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 2 of 66

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

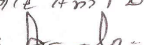

Dry season:	Source of water	PMC	
	Fresh water (CMD):	201	
	Recycled water - Flushing (CMD):	145	
	Recycled water - Gardening (CMD):	148	
	Swimming pool make up (Cum):	5	
	Total Water Requirement (CMD) :	499	
	Fire fighting - Underground water tank(CMD):	300 (Residential and Commercial)	
	Fire fighting - Overhead water tank(CMD):	Building A=20 CM Building B=20 CM Building C=20 CM Building D=20 CM Building E=20 CM	
	Excess treated water	3	
Wet season:	Source of water	PMC	
	Fresh water (CMD):	201	
	Recycled water - Flushing (CMD):	145	
	Recycled water - Gardening (CMD):	0	
	Swimming pool make up (Cum):	3	
	Total Water Requirement (CMD) :	349	
	Fire fighting - Underground water tank(CMD):	300 (Residential and Commercial)	
	Fire fighting - Overhead water tank(CMD):	Building A=20 CM Building B=20 CM Building C=20 CM Building D=20 CM Building E=20 CM	
	Excess treated water	151	
Details of Swimming pool (If any)	<ul style="list-style-type: none"> • Dimension of Swimming Pool: • Main Pool Area:256 m² • Decorative Pool Area:405 m² • Total water Requirement in KLD:430 • Main Pool :309 • Decorative Pool :81 • Water requirement for make up in KLD:5 <ul style="list-style-type: none"> • Details of Plant & Machinery used for treatment of Swimming pool water: • Bobind wound Filter made from high quality FRP, Side mounted type, with Battery Valve, Rapid flow. Filtration Capacity 77m³/hr, Vessel Diameter - 1200 mm, with Pressure Gauge, Multiport Valve and Media (Quartz Sand)-1 unit each. • Mono block Self priming Pool-Pump 3 HP /Three phase - (1+1) • Pool Accessories & Fittings : Pool inlets,Drain,Nozzles,Lights,etc-1 unit each 		
33.Details of Total water consumed			
Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 3 of 66

Name: 
 Signature: 

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Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	351	351	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 12 m Post monsoon , & 35 m Pre monsoon
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	8 Nos.
	Size of recharge pits :	Min. 1.2 m dia and 2 m below Storm water inlet with bore well of 60 m
	Budgetary allocation (Capital cost) :	Rs. 10-12 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2-3 Lakhs/annum
	Details of UGT tanks if any :	--

35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged to the nearest storm water line.
	Quantity of storm water:	13.92 m3/minute
	Size of SWD:	600mm diameter having slope 1:150

Sewage and Waste water	Sewage generation in KLD:	311
	STP technology:	MBBR
	Capacity of STP (CMD):	320
	Location & area of the STP:	As per the services Layout
	Budgetary allocation (Capital cost):	Rs. 86.10 Lakhs
	Budgetary allocation (O & M cost):	Rs. 11.95 Lakhs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	50 Kg
	Disposal of the construction waste debris:	This material shall be used for back filling and leveling of the plot and remaining will be disposed to authorized sites.
Waste generation in the operation Phase:	Dry waste:	406 kg/day
	Wet waste:	946 kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	64 Kg /day
	Others if any:	E-waste: Negligible

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

37. Effluent Characteristics

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

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent oil	5.1	Lit/Hr	Not applicable	7.65	7.65	Will be handed over to authorized vendor

39. Stacks emission Details

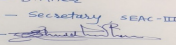
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set	Diesel	4	30	0.2	438 degree Celsius

40. Details of Fuel to be used

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

41. Source of Fuel: Bharat Petroleum, Hindustan Petroleum

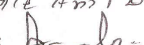
42. Mode of Transportation of fuel to site: By tankers

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 5 of 66

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

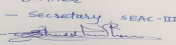
44.Number and list of trees species to be planted in the ground

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

45.Total quantity of plants on ground

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

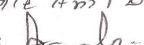
Serial Number	Name	C/C Distance	Area m2
1	Furcraea/Aloevera/Yucca/Pandanus	0.3-0.4m	112 sqm
2	Allamanda dwarf/Reinwardtia indica/ Jacobinea carnea/Turnera ulmifolia	0.45-0.6m	12 sqm
3	Clerodendrum inerme/Murayya paniculata/Barleria cristata candida/ Calliandra brevipes	0.6-0.75m	375 sqm
4	Malphigia glabra/Bamboo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

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 6 of 66

Name: K. Anil Kale
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9	Clerodendrum inerm/Bougainvillea var.	0.9-1.2m	315 sqm
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47. Energy

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

48. Energy saving by non-conventional method:

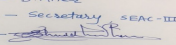
- Conventional CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for Common Area.
- Energy Saving using Automatic Timer operation Against Manual operation for external & common Lighting
- Energy Efficient CFL/T5 fixture with Electronic Ballast Vs Energy efficient LED fixtures for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

49. Detail calculations & % of saving:

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

50. Details of pollution control Systems

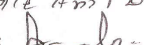
Source	Existing pollution control system	Proposed to be installed
STP	Not applicable	320 KL
OWC	Not applicable	1060 kg/day
DG sets	Not applicable	4 x 1010 KVA

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 7 of 66

Name: K. Anil Kale
Signature: 
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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 36 lakhs
	O & M cost:	Rs 0.6 lakhs/annum

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

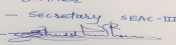
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters.	5.44
2	Air Environment	Water For Dust Suppression, Air & Noise monitoring	10.84
3	Water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

b) Operation Phase (with Break-up):

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

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

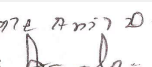

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation

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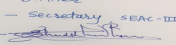
SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 8 of 66

Name: 
Signature: 

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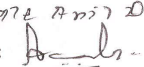
Diesel	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Local Vendors	By road
52. Any Other Information							
No Information Available							
53. Traffic Management							
	Nos. of the junction to the main road & design of confluence:	Two Openings					
Parking details:	Number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

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 9 of 66

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

TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
Number of tenants	380	374
Fresh water	201	198
Sewage Generation	311	308
STP technology	MBBR	FAB
STP Capacity	320 KLD	230 and 100 KLD

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p style="text-align: center;">SEAC Meeting No: 65 Meeting Date: May 31, 2018</p>	<p style="text-align: center;">Page 10 of 66</p>	<p>Name:  Signature:  Shri. Anil Kale (Chairman SEAC-III)</p>
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M/s.Acropolis Purple Developers.

Environment Clearance for Proposed Residential & Commercial Development.at S. No. 43 (P) & 44,46/1/2+46/1/3,1 NIBM Annex, Mohammadwadi, Pune by **Mr.SubahuKirit Shah**.

PP submitted their application for prior Environmental clearance for total plot area of 46642.96Sq. Mtrs, BUA of 191482.45Sq. Mtrs and FSI area of 76378.18Sq. Mtrs. PP proposes to construct 6 no. residential building + 1 commercial and 1 club house.

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

DECISION OF SEAC

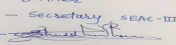
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to submit CFO NOC.
- 2) PP to submit solid waste management details especially primary and secondary collection and same show on plan.
- 3) PP to revise STP drawing showing aeration tank above the ground level.
- 4) PP to submit revised Disaster Management Plan.
- 5) PP to shift proposed room structure which is shown on UGT.

FINAL RECOMMENDATION

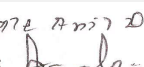

SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 11 of 66

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

SEAC Meeting number: 65 Meeting Date May 31, 2018

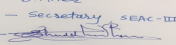
Subject: Environment Clearance for proposed new construction project by M/s Tulip Properties

Is a Violation Case: No

1.Name of Project	Tulip Olivia
2.Type of institution	Private
3.Name of Project Proponent	Mr.Sanjay Varma
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat No. 105,106, 107, 108, 113, 114, 115, Dehu Alandi BRT Road, Behind Nakshatra Island
9.Taluka	Haveli
10.Village	Moshi
Correspondence Name:	Mr. Anand Sathe
Room Number:	Office No. 16,17,18
Floor:	-
Building Name:	La Casita
Road/Street Name:	D.Y. Patil College Road
Locality:	Ravet Pradhikaran
City:	Pune-412101
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In Process
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 57489.85
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable-2709.72 m2
15.Total Plot Area (sq. m.)	15600.00
16.Deductions	1996.24
17.Net Plot area	13603.76
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 32184.08 (Residential)+ 2709.72 (MHADA) = 34893.80
	b) Non FSI area (sq. m.): 37316.94
	c) Total BUA area (sq. m.): 72210.74
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 27157.87
	Approved Non FSI area (sq. m.): 30331.98
	Date of Approval: 17-06-2017
19.Total ground coverage (m2)	3148.23
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.18% of Total Plot area and 23.14% of Net Plot area
21.Estimated cost of the project	1270000000

22.Number of buildings & its configuration

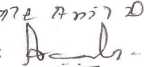
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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Name - S.D.Aher
Designation - Secretary SEAC-III
Sign 

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

**Page 12
of 66**

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

1	Wing A	3P+15	54
2	Wing B	3P+15	54
3	Wing C	3P+15	54
4	Wing D	3P+15	54
5	Wing E	3P+15	54
6	Wing F	3P+15	54

23.Number of tenants and shops	Total Tenements - 754 nos. Shops - 18 nos.
24.Number of expected residents / users	Residential Users: 3770 Nos., Commercial Users: 223 Nos., Total Users: 3993 Nos.
25.Tenant density per hectare	483.33
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 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	Existing shed of Security Cabin
30.Details of the demolition with disposal (If applicable)	Existing security shed will be demolished & debris will be given to Kabadiwala.

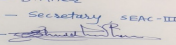
31.Production Details

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

32.Total Water Requirement

Name - S.D.Aher Designation - Secretary SEAC-III Sign  S.D.Aher (Secretary SEAC-III)	SEAC Meeting No: 65 Meeting Date: May 31, 2018	Page 13 of 66	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
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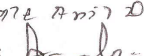

Dry season:	Source of water	PCMC							
	Fresh water (CMD):	532.45 m3/day (One time)							
	Recycled water - Flushing (CMD):	174.11 m3/day							
	Recycled water - Gardening (CMD):	13.47 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	344.87 m3/day							
	Fire fighting - Underground water tank(CMD):	450.00 m3							
	Fire fighting - Overhead water tank(CMD):	140.00 m3							
	Excess treated water	227.61 m3/day							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	518.98 m3/day (One time)							
	Recycled water - Flushing (CMD):	174.11 m3/day							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	344.87 m3/day							
	Fire fighting - Underground water tank(CMD):	450.00 m3							
	Fire fighting - Overhead water tank(CMD):	140.00 m3							
	Excess treated water	241.08 m3/day							
Details of Swimming pool (If any)	Not Applicable								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

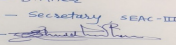
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 14 of 66

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

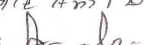
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	• Present Level:6.20 m Below Ground level • Pre- Monsoon:8.20 m Below Ground level • Post -Monsoon:4.20 m Below Ground level
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	7 Nos
	Size of recharge pits :	2M X 2MX 2M
	Budgetary allocation (Capital cost) :	Rs. 2.85 Lakh
	Budgetary allocation (O & M cost) :	Rs.0.35 Lakh/Year
	Details of UGT tanks if any :	Domestic UG tank Capacity:519.00 m3 Flushing UG tank Capacity:263.00 m3 Fire UG tank Capacity: 450.00 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	716.52 m3/ hr
	Size of SWD:	450 mm dia pipe
Sewage and Waste water	Sewage generation in KLD:	467.07 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No of 470 m3/day
	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	Rs.115.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 22.64 Lakh / Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	25kg/day
	Disposal of the construction waste debris:	Use for Leveling
Waste generation in the operation Phase:	Dry waste:	787.00 kg/day
	Wet waste:	1153.00 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	43.6 Kg/day
	Others if any:	NA

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 15 of 66

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

Mode of Disposal of waste:	Dry waste:	SWaCH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC.
	Others if any:	NA
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	72.00 m ²
	Area for machinery:	Included in other Area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 29.75 Lakh
	O & M cost:	Rs.8.11Lakh / Year

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

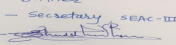
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set- 160 KVA-2 Nos	HSD	2	4.22	to be provided	to be provided

40. Details of Fuel to be used

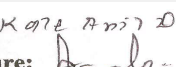

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	27.7 lit./hr @75% Loading	27.7 lit./hr @75% Loading

41. Source of Fuel	Bharat Petroleum Corporation Limited/Hindustan Petroleum
42. Mode of Transportation of fuel to site	By roadway

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Page 16 of 66

43.Green Belt Development	Total RG area :	1514.22 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	216 nos.
	List of proposed native trees :	216 nos.
	Timeline for completion of plantation :	Mid of Construction

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

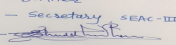
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Tarminalia catappa	Badam	23	Tropical fruit tree & bird attracting tree
2	Michelia champaca	Champa	17	Evergreen timber plant, ornamental
3	Mimusope selengi	Bakul	07	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	06	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	20	Drought tolerant, ornamental & medicinal plant
6	Butea monosperma	Flame tree	15	Used in pesticide & dye preparation
7	Plumeria alba	Frangipani	10	Drought tolerant, fragrant tree
8	Bauhinia blackiana	Kanchan	15	Evergreen medicinal plant
9	Roystonea regia	Royal palm	16	Nitrogen fixer, ornamental plant
10	Pongamia glabra	Karanja	23	Evergreen & bird attracting tree
11	Neolamarkia cadamba	Kadamba tree	08	Tropical fruit tree & bird attracting tree
12	Mangifera indica	Mango	03	Evergreen & bird attracting tree
13	Ficus religiosa	Pimpal	01	Evergreen & bird attracting tree
14	Ficus bengalensis	Wad	01	Shade Loving & bird attracting tree
15	Albezia libbeck	Shirish	04	Evergreen & bird attracting tree
16	Azadirecta indica	Neem	08	Evergreen & bird attracting tree
17	Caryota mitis	Fishtail palm	18	Nitrogen fixer, ornamental plant
18	Cassia Grandis	Pink shower	21	Drought tolerant, ornamental & medicinal 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	-	-	-

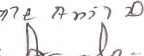
47.Energy

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 17 of 66

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	125 KVA x 1 No.
	During Operation phase (Connected load):	2793 KW
	During Operation phase (Demand load):	1671 KW
	Transformer:	3 Nos. of 630 KVA
	DG set as Power back-up during operation phase:	2 Nos. of 160 KVA
	Fuel used:	HSD-27.7 lit./hr @75% loading
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

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

49. Detail calculations & % of saving:

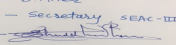
Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	22950 KWH / Annum
2	Timer Logic Controller	108250 KWH / Annum
3	Electronic V3F drive for Lifts	39210 KWH / Annum
4	Solar Water Heater	1311960 KWH / Annum

50. Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 171.26 Lakh
	O & M cost:	Rs 6.72 Lakh/Year

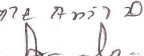
51. Environmental Management plan Budgetary Allocation

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 18 of 66

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

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
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50
3	Land Environment	Site Sanitation -Mobile toilets	0.50
4	Socio Economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food for children, Personal Protective Equipment.	1.00

b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Capacity- 470 KLD	115.00	22.64
2	RWH	-	2.85	0.35
3	MSW	Capacity-1250 Kg/day	29.75	8.11
4	Energy System	-	171.26	6.72
5	Landscaping	-	14.84	0.93
6	Safety Equipments	-	10.00	2.00
7	Post EC Monitoring	-	-	2.50
8	Dry Waste Management	-	-	4.52

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

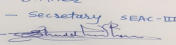
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

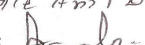
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	-
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Name - S.D.Aher
Designation - Secretary SEAC-III
Sign - 

S.D.Aher (Secretary SEAC-III)

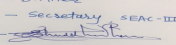
SEAC Meeting No: 65 Meeting Date: May 31, 2018

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Page 19 of 66

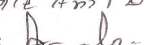
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	18753.20 m2
	Area per car:	47.23 m2
	Area per car:	47.23 m2
	Number of 2-Wheelers as approved by competent authority:	1568
	Number of 4-Wheelers as approved by competent authority:	397
	Public Transport:	NA
	Width of all Internal roads (m):	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	B2
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	09-03-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 20 of 66

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

Environment Clearance for New construction project at Gat No. 105,106, 107, 108, 113, 114, 115, DehuAlandi BRT Road, Behind Nakshatra Island by **M/s Tulip Properties.**

PP submitted their application for prior Environmental clearance for total plot area of 15600Sq. Mtrs, BUA of 72210.74Sq. Mtrs and FSI area of $32184.08 + 2709.72 = 34893.80$ Sq. Mtrs. PP proposes to construct 6 no. residential building/wing.

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

DECISION OF SEAC

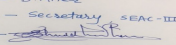
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the following conditions.

Specific Conditions by SEAC:

- 1) PP to submit permission from PCMC for laying electricity line of DG set and Substation which is passing through DP road.
- 2) PP to upload parking statement and section showing ramp width.

FINAL RECOMMENDATION

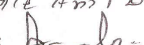
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

**Page 21
of 66**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

SEAC Meeting number: 65 Meeting Date May 31, 2018

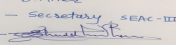
Subject: Environment Clearance for Amendment in EC with Expansion

Is a Violation Case: No

1.Name of Project	Residential and Commercial Development
2.Type of institution	Private
3.Name of Project Proponent	Mrs. Anjali Bendarkar for M/s BramhaCorp Ltd.
4.Name of Consultant	Ultra-Tech Environmental Consultancy & Laboratory
5.Type of project	Residential and Commercial Development
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in EC with expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	S. No. 11, 11/1 to 11/18, 12/3 & 12/4, Cannaught Road, Sadhuwaswani chowk
9.Taluka	Haveli
10.Village	-
Correspondence Name:	Mrs. Anjali Bendarkar
Room Number:	3
Floor:	ground floor
Building Name:	Residency Club
Road/Street Name:	Queen's Garden Road
Locality:	Camp
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: Applied for full potential sanction
	Approved Built-up Area: 139688.55
13.Note on the initiated work (If applicable)	The construction has been started as per the previous EC dated 04.09.2014.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	15,490.08 m ²
16.Deductions	1,413.29 m ²
17.Net Plot area	14076.79 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 55,881.92 m ²
	b) Non FSI area (sq. m.): 83,806.63 m ²
	c) Total BUA area (sq. m.): 139688.55
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)	5659.11 m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40.2
21.Estimated cost of the project	5773800000

22.Number of buildings & its configuration

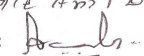
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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Name - S.D.Aher
Designation - Secretary SEAC-III
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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

**Page 22
of 66**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

1	Existing Structure, 1 number	G + 3	13.2
2	Residential Building C (Existing), 1 number	G + 2	9.12
3	Commercial Building B (Existing), 1 number	G + 1	7.4
4	Wing A1, 1 number	3B + LG + UG + Comm + Parking + 3 Comm + Podium + 25	102.5
5	Wing A2, 1 number	3B + LG + UG + Comm + Parking + 3 Comm + Podium + 25	102.5
6	Wing A3, 1 number	3B + LG + UG + Comm + Parking + 3 Comm + Podium + 25	102.5
7	Wing B1, 1 number	3B + LG + UG + Comm + Parking + 3 Comm + Podium + 23	96.7
8	Wing B2, 1 number	3B + LG + UG + Comm + Parking + 3 Comm + Podium + 25	102.5

23.Number of tenants and shops	Existing Tenements including shops: 25 Nos. Number of Tenements: 507 nos. No. of Showroom & offices = 204 nos.
24.Number of expected residents / users	Fixed 2625 nos. Floating 2817 Nos. (including existing)
25.Tenant density per hectare	1861.7
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9 m
29.Existing structure (s) if any	Yes, 3 existing structures. One old structure and two structures built as per existing EC
30.Details of the demolition with disposal (If applicable)	Not Applicable

31.Production Details

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

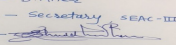
32.Total Water Requirement

Name - S.D.Aher Designation - Secretary SEAC-III Sign -  S.D.Aher (Secretary SEAC-III)	SEAC Meeting No: 65 Meeting Date: May 31, 2018	Page 23 of 66	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	289
	Recycled water - Flushing (CMD):	185
	Recycled water - Gardening (CMD):	39
	Swimming pool make up (Cum):	11
	Total Water Requirement (CMD) :	524
	Fire fighting - Underground water tank(CMD):	Residential 5,00,000 lit Commercial 2,00,000 lit
	Fire fighting - Overhead water tank(CMD):	20,000 lit each tower
	Excess treated water	151
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	289
	Recycled water - Flushing (CMD):	185
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	11
	Total Water Requirement (CMD) :	485
	Fire fighting - Underground water tank(CMD):	Residential 5,00,000 lit Commercial 2,00,000 lit
	Fire fighting - Overhead water tank(CMD):	20,000 lit each tower
	Excess treated water	190
Details of Swimming pool (If any)	Pool 1: Lap pool: 168.8 sq.m (19.0 X 8.8m) and Kids pool: 50.6sq.m (5.7 X 8.8m) Pool 2: Ladies Pool: 61.7sq.m (4.9 X 12.6m)	

33.Details of Total water consumed

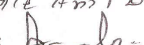
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	8.4	280.6	289	1.7	56.12	57.82	6.7	224.48	231.18
Domestic	4.5	180.5	185	0	0	0	4.5	180.5	185
Gardening	0	39	39	0	39	39	0	0	0

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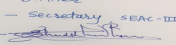
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 24 of 66

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

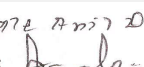

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	approx 5.15 m
	Size and no of RWH tank(s) and Quantity:	Nil
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	3 pits
	Size of recharge pits :	2.0 x 3.0 x 2.0 m
	Budgetary allocation (Capital cost) :	3.0 lakhs
	Budgetary allocation (O & M cost) :	0.12 lakhs per annum
	Details of UGT tanks if any :	Domestic (Fresh water) : Residential: 482 KL, Commercial: 80 KL Firefighting: Residential: 500 KL, Commercial: 200 KL Flushing: Residential: 85 KL, Commercial: 30 KL
35.Storm water drainage	Natural water drainage pattern:	South to North
	Quantity of storm water:	10.37 m3/min
	Size of SWD:	600 mm dia
Sewage and Waste water	Sewage generation in KLD:	417
	STP technology:	MBBR
	Capacity of STP (CMD):	Residential 1 no.330 KL and Commercial 1 no. 110 KL
	Location & area of the STP:	Commercial: Near A1 wing. Area 255 m2 Residential: Near B1 wing: Area 86 m2
	Budgetary allocation (Capital cost):	Rs.120 lakhs
	Budgetary allocation (O & M cost):	Rs.18.25 lakhs per year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Waste generation : 75 Kg/Day Excavation quantity 51,000 CUM
	Disposal of the construction waste debris:	This material shall be used for road filling and leveling of the plot and remaining will be disposed to authorized sites with due permissions
Waste generation in the operation Phase:	Dry waste:	827 kg/day
	Wet waste:	1059 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	66 Kg/day
	Others if any:	Not applicable

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 25 of 66

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

Mode of Disposal of waste:	Dry waste:	Handed over to PMC through SWaCH
	Wet waste:	Treated onsite in Smart OWC
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Used as manure for landscaping
	Others if any:	Not applicable
Area requirement:	Location(s):	Near buildings A1 and B1
	Area for the storage of waste & other material:	46.51+41.55= 88.06 m ²
	Area for machinery:	15.67+10.17=25.84 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 26.49 Lakhs
	O & M cost:	Rs 6.28 lakhs / annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

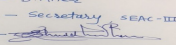
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	125 kVA DG Set	HSD, 20.2 lit / hr @ 75% loading	1	4.22	0.1016	450 degree celsius
2	500 kVA DG Set	HSD, 81.9 lit / hr @ 75% loading	1	4.86	0.254	450 degree celsius

40. Details of Fuel to be used

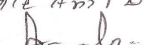
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	00	HSD	Not applicable

41. Source of Fuel: Authorized Dealer

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Page 26 of 66

42.Mode of Transportation of fuel to site	Via Road
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43.Green Belt Development	Total RG area :	1407.68 m2
	No of trees to be cut :	22
	Number of trees to be planted :	252
	List of proposed native trees :	Given in the list below
	Timeline for completion of plantation :	Before the 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	Delonix regia	Gulmohar	9	Deciduous with red flowering
2	Kigelia africana	Sausage tree	10	Evergreen tree
3	Cassia grandis	Pink shower tree	9	Deciduous with pink flowering
4	Millingtonia hortensis	Booch	12	Fragrance flowering
5	Bauhinia racemosa	Apta	6	Small tree with small white flowers
6	Michelia champaca	Sonchapha	7	Medium sized evergreen tree, fragrance yellow flower
7	Caryota urens	Fishtail Palm	11	tall evergreen palm tree
8	Phoenix sylvestris	Silver date palm	44	tall evergreen palm tree
9	Samanea saman	Rain Tree	12	Evergreen tree
10	Plumeria	Champa	14	Evergreen tree
11	Tabebuia rosea	Tabebuia	22	Deciduous with pink flowering
12	Plumeria alba/rubra	Champa/ Lal Champa	20	Deciduous with pink, white flowering with fragrance
13	Pongamia pinnata	Karanj	10	Deciduous tree
14	Mangifera indica	Mango Tree	3	Mainly grown as a fruit crop
15	Pithecellobium dulce	Sweet Tamarind	12	Fruit bearing deciduous tree
16	Thespesia populnea	Indian Tulip Tree	3	Evergreen tree
17	Ficus religiosa	Peepal Tree	9	Evergreen fruit bearing tree
18	Prunus avium	Wild Cherry	4	Deciduous tree
19	Polyalthia longifolia	Ashoka Tree	14	Evergreen tree
20	Leucaena leucocephala	Wild Tamarind	8	Deciduous tree
21	Syzygium cumini	Black Berry	6	Fruit bearing evergreen tree
22	Azardirecta indica	Neem Tree	2	Semi-evergreen tree with medicinal value
23	Terminalia catappa	Almond Tree	1	Fruit bearing deciduous tree
24	Ficus racemosa	Cluster Fig	2	Fruit bearing evergreen tree
25	Tectona grandis	Teak Wood	2	Deciduous tree

45.Total quantity of plants on ground

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

Name - S.D.Aher Designation - Secretary SEAC-III Sign - 	SEAC Meeting No: 65 Meeting Date: May 31, 2018	Page 27 of 66	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Name	C/C Distance	Area m2
1	Nerium oleander	300	133
2	Bougainvillia	300	133
3	Caesalpinia	300	133
4	Jatropha	300	133
5	Tecoma gaudichaudi	300	133
6	Mussaenda	300	133
7	Murraya exotica	300	133
8	Hamelia patens	300	133
9	Lawn	-	363
10	Chrysalidocarpus lutescens	300	133
11	Hymenoclays littoralis	300	133
12	Wedelia	150	133

47. Energy

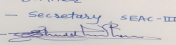
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	Proposed Connected load: 5543 KW
	During Operation phase (Demand load):	Proposed Max. demand: : 3245 kW
	Transformer:	6 nos. x 630 kVA
	DG set as Power back-up during operation phase:	1 x 125 kVA & 1 x 500 kVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	Not Applicable	

48. Energy saving by non-conventional method:

Solar water heaters will be provided for hot water.

49. Detail calculations & % of saving:

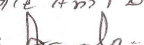
Serial Number	Energy Conservation Measures	Saving %
1	Provision of Solar PV panels for solar water heating	0.98
2	Timer Logic Controller	1.47
3	Electronic V3F drive for Lifts	1.06
4	Solar Water Heaters	11.49
5	Total	14.99

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 28 of 66

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

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 158.29 lakhs
	O & M cost:	Rs 19.01 lakhs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

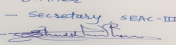
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water	Tanker Water for Construction	0.28
2	Water	Monitoring	0.60
3	Air	Dust suppression	1.2
4	Air & Noise	Monitoring	1.94
5	Land	Site Sanitation	5.4
6	Biological	Gardening	14.96
7	Socio-Economic	Pest Control	1.8
8	Socio-Economic	First-aid	0.18
9	Socio-Economic	Health Check-up	2.0
10	Socio-Economic	Crèche	3.0
11	Socio-Economic	Personal Protective Equipment	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	Water	Rainwater Harvesting	3.0	0.12
2	Water	STP	120	18.25
3	Solid Waste	OWC	26.49	6.28
4	Landscape	Gardening	176.14	0.69
5	Energy	Energy saving and Solar	158.29	19.01
6	EMP	Monitoring	-	21.64
7	Air	Basement Ventilation	280	8.4

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

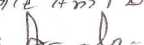
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 29 of 66

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

52.Any Other Information

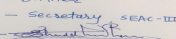
No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 nos. of 4-arm Junction (Alankar Chowk and Sadhu Vaswani Chowk)
Parking details:	Number and area of basement:	3 Basements Area = 25276 m2 1 Lower Ground Area = 8526 m2
	Number and area of podia:	1 Garden Podium = 3721 m2
	Total Parking area:	52,184 .00 m2
	Area per car:	Basement & Lower ground : 35 m2 Ground, Parking Level 1, level 2 and second floor: 30 m2
	Area per car:	Basement & Lower ground : 35 m2 Ground, Parking Level 1, level 2 and second floor: 30 m2
	Number of 2-Wheelers as approved by competent authority:	Scooters: 530 Cycles: 873
	Number of 4-Wheelers as approved by competent authority:	510
	Public Transport:	PMPML Bus Stop near the project site
	Width of all Internal roads (m):	Varies from 7.5m to 12m
	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	No
	Other Relevant Informations	Existing EC received. EC No. SEAC III 14/CR-27/TC-I dated 04.09.2014
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-01-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

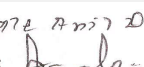

Summarised in brief information of Project as below.

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 30 of 66

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Brief information of the project by SEAC

Environment Clearance for Amendment in EC with Expansion S. No. 11, 11/1 to 11/18, 12/3 & 12/4, Cannught Road, Sadhuwaswanichowk by **M/s Bramha Corp Ltd.**

PP submitted their application for prior Environmental clearance for total plot area of 15490.08Sq. Mtrs, BUA of 139688.55Sq. Mtrs and FSI area of 55881.92 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 (a) B2.

DECISION OF SEAC

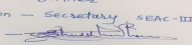
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the following conditions.

Specific Conditions by SEAC:

- 1) PP to submit CFO Noc
- 2) PP to submit indemnity bond for project land.
- 3) PP to submit HRC Noc.
- 4) PP to submit details of CER activities as per MoEF& CC circular dated 1/05/2018 if applicable.

FINAL RECOMMENDATION

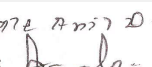

SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

**Page 31
of 66**

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

SEAC Meeting number: 65 Meeting Date May 31, 2018

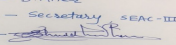
Subject: Environment Clearance for Proposed Residential and Commercial

Is a Violation Case: No

1.Name of Project	proposed Residential and commercial Deveopment
2.Type of institution	Private
3.Name of Project Proponent	Aum cityscpaes LLP
4.Name of Consultant	ULTRATECH
5.Type of project	Housing
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	CTS NO 391,392 AT Mangalwar Peth,Pune
9.Taluka	Haveli
10.Village	Mangalvarpeth
Correspondence Name:	Aum sityscapes LLP
Room Number:	S. no. 209 Row house No. 2
Floor:	NA
Building Name:	Lane no. 2
Road/Street Name:	NA
Locality:	Kalyani nagar
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: Applied
	Approved Built-up Area: 24132
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.)	6650.50 Sq. m.
16.Deductions	479.62 Sa. m.
17.Net Plot area	6170.68
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 23977.35
	b) Non FSI area (sq. m.): 14753.28
	c) Total BUA area (sq. m.): 38730.63
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)	1708.91
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	3
21.Estimated cost of the project	1100000000

22.Number of buildings & its configuration

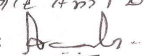
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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Name - S.D.Aher
Designation - Secretary SEAC-III
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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

**Page 32
of 66**

Name: K. Anil D.
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

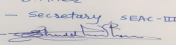
1	Building (A)	B+LG+UG+13	44.90
2	Building (B)	2B+LG+UG+19	61.50
23.Number of tenants and shops	Tenement : 366 Nos. Shops : 153 Nos Offices 84		
24.Number of expected residents / users	Residential :1830 Shops + Offices : 245		
25.Tenant density per hectare	554/ha		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	6m		
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	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

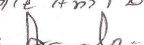
Dry season:	Source of water	PMC
	Fresh water (CMD):	171
	Recycled water - Flushing (CMD):	87
	Recycled water - Gardening (CMD):	4
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	262
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	130

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 33 of 66

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

Wet season:	Source of water	PMC
	Fresh water (CMD):	171
	Recycled water - Flushing (CMD):	87
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	258
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	134

Details of Swimming pool (If any)

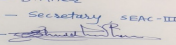
na

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	0	171	171	0	17.1	17.1	0	151	151
Domestic	0	87	87	0	9	9.0	0	81	81
Gardening	0	4	4	0	0	0	0	0	0

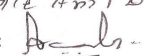
34.Rain Water Harvesting (RWH)

Level of the Ground water table:	7 TO 8 Mtrs
Size and no of RWH tank(s) and Quantity:	Not applicable
Location of the RWH tank(s):	Not applicable
Quantity of recharge pits:	3 nos
Size of recharge pits :	2 mtr x 1 mtr x 1.5 mtr
Budgetary allocation (Capital cost) :	1.5 lacs
Budgetary allocation (O & M cost) :	0.15 lacs
Details of UGT tanks if any :	Not applicable

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 34 of 66

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

35.Storm water drainage	Natural water drainage pattern:	South to North 1 mtr North to East 0.5 mtr
	Quantity of storm water:	4.45 m3/min
	Size of SWD:	300 mm dia piping network

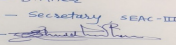
Sewage and Waste water	Sewage generation in KLD:	232
	STP technology:	MBBR
	Capacity of STP (CMD):	2 NOS OF 159 AND 85
	Location & area of the STP:	SRA : At West side of bldg (80 sq mtr) Sale Bldg : At East side of bldg (85 sq. mtr)
	Budgetary allocation (Capital cost):	52 LACS
	Budgetary allocation (O & M cost):	17.8 LACS

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	25KG/DAY
	Disposal of the construction waste debris:	used within the site for filling
Waste generation in the operation Phase:	Dry waste:	403 kg/day
	Wet waste:	574 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	35 Kg/day
	STP Sludge (Dry sludge):	35 Kg/day
	Others if any:	35 Kg/day
Mode of Disposal of waste:	Dry waste:	send to authorized contractor
	Wet waste:	treated in OWC
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	used as manure
	Others if any:	Not applicable
Area requirement:	Location(s):	as per layout
	Area for the storage of waste & other material:	25
	Area for machinery:	50
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20.75lacs
	O & M cost:	4.70 lacs

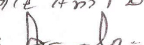
37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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Name - S.D.Aher
 Designation - Secretary SEAC-III
 Sign - 
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 35 of 66

Name: K. Anil Kale
 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	1	22.4(ltr/Hr)	1	3	0.3	3000C
2	2	18.4(ltr/Hr)	1	3	0.3	3000C

40.Details of Fuel to be used

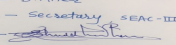
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	HSD	HSD
41.Source of Fuel		near by pump		
42.Mode of Transportation of fuel to site		by road		

43.Green Belt Development

Total RG area :	617.50 Sq. m.
No of trees to be cut :	0
Number of trees to be planted :	80
List of proposed native trees :	80
Timeline for completion of plantation :	till the completion of project

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

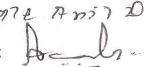
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	16	Evergreen tree, fast growing
2	Milingtonia hortensis	Buch	16	fragrant flowers/leaves, attracts birds
3	Michelia champaca	Chafa	16	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 36 of 66

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

4	Caryota urens	coconut	16	Tall evergreen tree
5	Terminalia arjuna	Arjun	16	Large 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	Not applicable	Not applicable	Not applicable

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	40kw
	DG set as Power back-up during construction phase	50 kva
	During Operation phase (Connected load):	1541 kw
	During Operation phase (Demand load):	945 kw
	Transformer:	630 kva & 500 kva
	DG set as Power back-up during operation phase:	125 kva & 100 kva
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

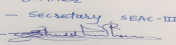
Internal Common Area Light By Using LED
 External Area and Some Common Area Light By Using LED with Solar
 Using Solar Water Heater in place of Electric Gyser
 Using VFD Lift in place of Normal Lift

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Internal Common Area Light By Using LED	39%
2	External Area and Some Common Area Light By Using LED with Solar	75%
3	Using Solar Water Heater in place of Electric Gyser	75%
4	Using VFD Lift in place of Normal Lift	20%

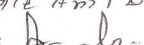
50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	STP
Emmision	Not applicable	DG set with stack
MSW	Not applicable	OWC

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 37 of 66

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	29 lacs
	O & M cost:	2.9 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 Environment	Water For Dust Suppression Air & Noise monitoring	1.63
2	Water Environment	Tanker water for construction Water monitoring	0.75
3	Land Environment	Site Sanitation	0.22
4	Biological Environment	Gardening	1.7
5	Socio- Economic Environment	Disinfection- Pest Control First Aid Facilities Health Check Up Creche for children	5.23

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	waste water treatment	52	17.8
2	RWH	recharge pits	1.15	0.15
3	Environmental monitoring	environment monitoring	outside lab	9.54
4	Solar Water Heating	solar pannels	29	2.9
5	Gardening	landscaping	5.2	0.50
6	Solid waste management	OWC	20.75	4.70

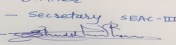
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

52.Any Other Information

No Information Available

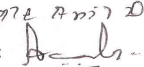
53.Traffic Management

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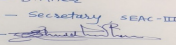
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 38 of 66

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

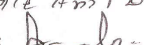
	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	3 basement having area 5923.29 sqm.
	Number and area of podia:	3 podium having area 4749.3 sqm
	Total Parking area:	6323.40 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
	Number of 2-Wheelers as approved by competent authority:	787
	Number of 4-Wheelers as approved by competent authority:	206
	Public Transport:	via bus
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 (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		

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 39 of 66

Name: K. Anil Kale
 Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Environment Clearance for Proposed Residential and Commercial at CTS NO 391,392 AT Mangalwar Peth, by **M/s.Aum cityscpaes LLP.**

PP submitted their application for prior Environmental clearance for total plot area of 6650.50Sq. Mtrs, BUA of 38730.63 Sq. Mtrs and FSI area of 23977.35Sq. Mtrs. PP proposes to construct 2 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 following conditions.

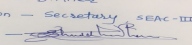
Specific Conditions by SEAC:

- 1) PP to submit undertaking for sustainable water supply
- 2) PP to plant additional trees species.
- 3) PP to submit energy saving calculation along with terrace area calculations.

FINAL RECOMMENDATION

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

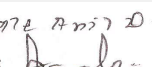

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Name - S.D.Aher
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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 40 of 66

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

SEAC Meeting number: 65 Meeting Date May 31, 2018

Subject: Environment Clearance for Proposed Residential and Commercial Project

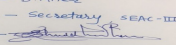
Is a Violation Case: Yes

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

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign - </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 65 Meeting Date: May 31, 2018</p>	<p>Page 41 of 66</p>	<p>Name: K. Anil Kale Signature: </p> <p>Shri. Anil Kale (Chairman SEAC-III)</p>
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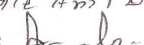
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	1 Building with 3 residential tower	Basement + Ground + Mezzanine + 6 parking levels + Podium + 17 Floors	85.7	
2	Club House	G+1	6.5	
23.Number of tenants and shops	No. of tenements: 102 Nos. and 12 shops			
24.Number 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				

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

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 42 of 66

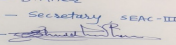
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 Signature: 

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

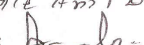
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	35	35	Not applicable	3	3	Not applicable	32	32
Fresh water requirement	Not applicable	56	56	Not applicable	6	6	Not applicable	50	50
Gardening	Not applicable	18	18	Not applicable	18	18	00	00	00

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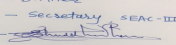
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 43 of 66

Name: K. Anil Kale
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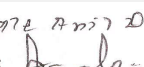

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-Monsoon: 7.65 m BGL;Post Monsoon: 3.65 m BGL
	Size and no of RWH tank(s) and Quantity:	Not Any
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	3
	Size of recharge pits :	3 recharge pits of size 2m x 2 m x 2 m
	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

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 44 of 66

Name: 
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 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

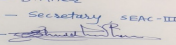
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	600 kVA	HSD- 126.4 Litres/hr	1	11.80	0.10	400 degree Celcius

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

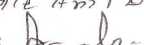
41. Source of Fuel Authorised Vendor

42. Mode of Transportation of fuel to site By road

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 45 of 66

Name: K. Anil Kale
Signature: 
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.

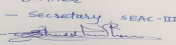
44.Number and list of trees species to be planted in the ground

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:

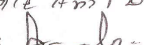
Serial Number	Name	C/C Distance	Area m2
1	Cassia biflora	--	--
2	Nerium/oleander	--	--
3	Yellow allamanda	--	--
4	Oleander (Kaner)	--	--
5	Yellow Bells	--	--
6	Mangrove Fan Palm	--	--

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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 46 of 66

Name: K. Anil Kale
Signature: 
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%

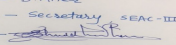
50. Details of pollution control Systems

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

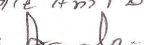
a) Construction phase (with Break-up):

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 47 of 66

Name: K. Anil Kale
 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):

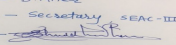
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	00	8.98
2	Water	RWH	1.27	0.30
3	Water	STP	16.00	1.25
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

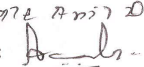
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SEAC Meeting No: 65 Meeting Date: May 31, 2018

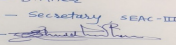
Page 48 of 66

Name: K. Anil Kale
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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

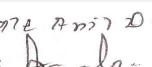

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 49 of 66

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Brief information of the project by SEAC

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

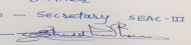
PP submitted their application for prior Environmental clearance for total plot area of 14195.43Sq. Mtrs, BUA of 55518.25Sq. Mtrs and FSI area of 17718.70Sq. Mtrs. PP proposes to construct 1 no. residential building (3 tower) and 1 club house.

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.

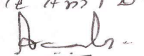
DECISION OF SEAC

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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

**Page 50
of 66**

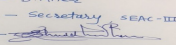
Name: K. Anil Kale
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After deliberation, Committee Hereby accords approval to the Terms of Reference for proposed 'Construction for undertaking Environment Impact Assessment (EIA) and preparation of Environment Management Plan (EMP) including all above points for further discussion and consideration of SEAC as per MoEF& CC Notification dated 14/03/2017 and 8/03/2018. PP requested for time to submit above information.

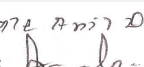

Specific Conditions by SEAC:

- 1) PP to conduct ground water modelling
- 2) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 3) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 4) PP to submit ecological damage assessment in terms of embodied energy and global sectors with LCA approach and with applicable coefficient ultimately reporting in terms of cost.
- 5) PP to submit detailed report on CER activities in consultation with project affected people.
- 6) PP to resubmit traffic impact study.
- 7) PP to resubmit STP drawing.
- 8) PP to submit revised CS.
- 9) PP to submit an indemnity bond for project land.
- 10) 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.
- 11) PP to submit Site specific EMP giving proper details and required the step taken for corrective action and who will of look after the same.
- 12) PP to submit Socio -economic infrastructure within vicinity land specially existing primary school, market hospital etc.
- 13) PP to submit NOC,s for Water supply, Disposal of solid waste, sewage connection to Municipal sewer pipeline. And revised CFO NOC.
- 14) PP to submit energy saving calculations.
- 15) PP to submit undertaking that the Environment Engineers will be appointed.
- 16) 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.
- 17) PP to submit revised parking plan at lower ground and parking statement.
- 18) PP to prepare an Ecological report.
- 19) PP to submit Project description, its importance and the benefits,
- 20) PP to submit Project site details (location, top sheet of the study area of 10 km, coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage).
- 21) PP to submit Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board, etc.
- 22) PP to submit Land acquisition status, R&R details,
- 23) PP to submit Baseline environmental study for ambient air (PM10, PM2.5, SO2, NOx& CO), water (both surface and ground), noise and soil as per MoEF&CC/CPCB guidelines at minimum 5 to 10 locations in the study area.
- 24) PP to submit Details on flora and fauna and socio-economic aspects in the study area
- 25) PP to submit Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc),
- 26) PP to submit Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc,
- 27) PP to submit Waste water management (treatment, reuse and disposal) for the project and also the study area.
- 28) PP to submit Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, and the Construction & Demolition Rules.
- 29) PP to submit Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
- 30) PP to submit Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- 31) PP to Submit an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 32) PP to submit the remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- 33) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 34) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 35) PP to submit ecological damage assessment in terms of embodied energy and global sectors with LCA approach and with applicable coefficient ultimately reporting in terms of cost.
- 36) PP to submit details of CER activities in consultation with the people in the project area as per MoEF& CC circular dated 1/05/2018 if applicable.
- 37) PP to submit an indemnity bond as regards Heritage Status.
- 38) PP to submit Land record history including litigation updates and present status.

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

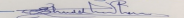
Page 51 of 66

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FINAL RECOMMENDATION

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

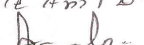
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SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 52 of 66

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Agenda for 65 th meeting of SEAC-3. Date-28 to 31 may 2018

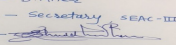
SEAC Meeting number: 65 Meeting Date May 31, 2018

Subject: Environment Clearance for Application for Environment Clearance for proposed Residential & Commercial project "Kumar Kruti, Sophronia, Kairos & Fun N Fair" by M/s Kul Novel Housing Pvt. Ltd. & Kumar Urban Development Pvt. Ltd. at S. No. 13/B,1+2+2 & 14 (P) at Wadgaon Sheri, Kalyaninagar, Pune

Is a Violation Case: Yes

1.Name of Project	Kumar Kruti, Sophronia, Kairos & Fun N Fair
2.Type of institution	Private
3.Name of Project Proponent	Mr. Harishchandra Pol - M/s Kul Novel Housing Pvt. Ltd. & Kumar Urban Development Pvt. Ltd.
4.Name of Consultant	Mahabal Enviro Engineers Private Limited, Thane, Maharashtra
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 13/B,1+2+2 & 14 (P) at Wadgaon Sheri, Kalyaninagar, Pune
9.Taluka	Haveli
10.Village	Wadgaon Sheri
Correspondence Name:	Mr. Harishchandra Pol - M/s Kul Novel Housing Pvt. Ltd. & Kumar Urban Development Pvt. Ltd.
Room Number:	Flat No.23
Floor:	-
Building Name:	D Kumar Park, Survey no. 571-572,
Road/Street Name:	Kondhwa road
Locality:	Kondhwa, Pune-411037
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Pune Municipal Corporation IOD/IOA/Concession/Plan Approval Number: CC/481/15 dated 18.05.2015 (revalidated) Approved Built-up Area: 98657
13.Note on the initiated work (If applicable)	Construction of Sophronia, Kumar kruti and Existing structure of club house+swimming pool + badminton hall + gym of total built up area- 1,00,479 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	68,263 m2
16.Deductions	5,072 m2
17.Net Plot area	63,191 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1,32,788 m2
	b) Non FSI area (sq. m.): 1,27,077 m2
	c) Total BUA area (sq. m.): 259865
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 98657
	Approved Non FSI area (sq. m.): 47873
	Date of Approval:
19.Total ground coverage (m2)	18,736 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29 %
21.Estimated cost of the project	4500000000

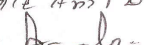
22.Number of buildings & its configuration

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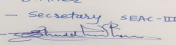
S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

**Page 53
of 66**

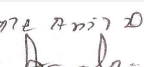

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1. Kairos	-	-
2	A building	LG+UG+Parking 1 +20	70 m
3	B building	LG+UG+Parking 1 +20	70 m
4	C building	LG+UG+Parking 1 +18	63.4 m
5	D building	LG+UG+Parking 1 +18	63.4 m
6	E building	LG+UG+Parking 1 +18	63.4 m
7	F Building	LG+UG+Parking 1 +18	63.4 m
8	2. Kumar Kruti	-	-
9	A1 building	P+12	36 m
10	A2 building	P+12	36 m
11	A3 building	P+12	36 m
12	A8 building	P+12	36 m
13	A9 building	P+12	36 m
14	3. Sophronia	-	-
15	P	LB+UB+Parking+11	36 m
16	Q	LB+UB+Parking+11	36 m
17	R	LB+UB+Parking+11	36 m
18	S	LB+UB+Parking+11	36 m
19	T	LB+UB+Parking+11	36 m
20	S1	LB+UB+Parking+11	36 m
21	4. Fun N Fair	B+LG+UG+2	12.60 m
22	5. Club House	B+G+4	17.10 m
23.Number of tenants and shops	Sophronia- 182 nos., Kumar Kruti- 400 nos., Kairos - 230 nos. Total no. of flats- 812 1 showroom, 40 shops.		
24.Number of expected residents / users	Residential population- 4,191 nos.(including club house) Commercial populations- 3695 nos. Total population-7,886 nos.		
25.Tenant density per hectare	128/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 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	Existing structure of club house + swimming pool + badminton hall + gym and Sophorina & Kumar kruti (residential building)		

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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Name: 
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Page 54 of 66

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

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

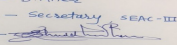
32.Total Water Requirement

Dry season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	485 m3/day
	Recycled water - Flushing (CMD):	239 m3/day
	Recycled water - Gardening (CMD):	64 m3/day
	Swimming pool make up (Cum):	19 m3/day
	Total Water Requirement (CMD) :	724 m3/day
	Fire fighting - Underground water tank(CMD):	300 m3 /day
	Fire fighting - Overhead water tank(CMD):	45 m3
	Excess treated water	223 m3/day
Wet season:	Source of water	Pune Municipal Corporation
	Fresh water (CMD):	485 m3/day
	Recycled water - Flushing (CMD):	239 m3/day
	Recycled water - Gardening (CMD):	0 m3/day
	Swimming pool make up (Cum):	19 m3/day
	Total Water Requirement (CMD) :	724 m3/day
	Fire fighting - Underground water tank(CMD):	300 m3 /day
	Fire fighting - Overhead water tank(CMD):	45 m3
	Excess treated water	287 m3/day

Details of Swimming pool (If any)	3 no. of swimming pools for Fun N Fair, Sophronia, Kumar Kruti
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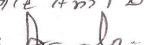
33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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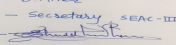
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SEAC Meeting No: 65 Meeting Date: May 31, 2018

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

Page 55 of 66

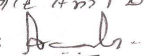
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
34.Rain Water Harvesting (RWH)	Level of the Ground water table:		15 m -18 m						
	Size and no of RWH tank(s) and Quantity:		NA						
	Location of the RWH tank(s):		NA						
	Quantity of recharge pits:		33 nos. of recharge pits & 1 no. of well						
	Size of recharge pits :		2.25 m x 2.25 m x 2.25 m depth						
	Budgetary allocation (Capital cost) :		Rs. 20 lakh						
	Budgetary allocation (O & M cost) :		Rs. 1 lakh/year						
Details of UGT tanks if any :		<p>1. UGT Sophronia (Existing)- Drinking UGT capacity - 35 m3 Domestic UGT Capacity - 89 m3 Flushing UGT Capacity - 41 m3 Fire UGT capacity - 75 m3 2. UGT Kumar Kruti (Existing) Drinking UGT capacity - 75 m3 Domestic UGT Capacity - 199 m3 Flushing UGT Capacity - 140 m3 Fire UGT capacity - 75 m3 3. UGT Kairos (Proposed) Drinking UGT capacity - 44 m3 Domestic UGT Capacity - 113 m3 Flushing UGT Capacity - 78 m3 Fire UGT capacity - 100 m3 4. UGT Fun N Fair (Proposed) Domestic UGT Capacity - 111 m3 Flushing UGT Capacity - 139 m3 Fire UGT capacity - 50 m3</p>							
35.Storm water drainage	Natural water drainage pattern:		As per contour						
	Quantity of storm water:		1.31 m3/sec						
	Size of SWD:		450 x 300 mm						

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S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 56 of 66

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

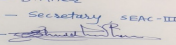
Sewage and Waste water	Sewage generation in KLD:	678 m3/day
	STP technology:	MMBR
	Capacity of STP (CMD):	1 x 175 m3/day, 1 x 175 m3/day & 1 x 270 m3/day
	Location & area of the STP:	Kumar Kruti - STP area -176 m2, Kairos STP area- 144 m2 & Fun N Fair STP area- 98 m2
	Budgetary allocation (Capital cost):	Rs. 170 Lakh
	Budgetary allocation (O & M cost):	Rs.15 Lakh

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	50,000 m3
	Disposal of the construction waste debris:	Used for backfilling & levelling.
Waste generation in the operation Phase:	Dry waste:	1386 kg/day
	Wet waste:	1601 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	40 kg/day
	Others if any:	E waste - 16 kg/day
Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler for further handling and 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
	Others if any:	Handed over to authorized recycler for further handling and purpose
Area requirement:	Location(s):	NA
	Area for the storage of waste & other material:	45 m2
	Area for machinery:	150 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 54 Lakh
	O & M cost:	Rs. 12 Lakh

37.Effluent Charecteristics

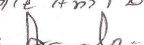
Serial Number	Parameters	Unit	Inlet Effluent Charecteristics	Outlet Effluent Charecteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 57 of 66

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

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

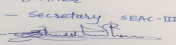
41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	6,885 m ²
	No of trees to be cut :	NA
	Number of trees to be planted :	955 no's proposed & 11 nos. Existing
	List of proposed native trees :	Provided
	Timeline for completion of plantation :	6 to 9 months after completion of project

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

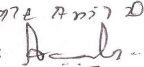
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus Excelsa	Maharukh	79	Large tree, good for roadside plantation
2	Anthosaphalus Kadamba	Kadamb	71	Shady, large tree, ball shaped flowers.
3	Caryota Urens	Fish Tail Palm	31	Tall evergreen tree
4	Erythrina Indica	Pangara	110	Medium sized deciduous tree. Bright scarlet flowers
5	Murrayya Paniulate	Kunti	33	Small tree, Fragrant white flowers, Butterfly host plant

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 58 of 66

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

6	Michela Champaca	Son Chafa	115	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
7	Saraca asoka	Sita Asoka	157	Shady tree with red-yellow flowers.
8	Lagestromia Flosre Genia	Tamhan	104	State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers
9	Manilkara Zapota	Chiku	54	Medium sized Fruit Bearing Tree
10	Butea Monosperma	Palas	27	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
11	Gmelina Arborea	Shivan	103	Fast growing tree with beautiful yellow flowers
12	Annona Squaosa	Sitafal	71	Medium sized Fruit Bearing Tree
13	Existing Trees	-	-	-
14	Azardirechta indica	Neem	7	Medicinal plant
15	Acacia mangium	Forest Mangroove	4	Flowering Tree
16	-	Total	955	-

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

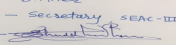
47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	1 x 160 kVA
	During Operation phase (Connected load):	12 MW
	During Operation phase (Demand load):	6.9 MW
	Transformer:	15 No. x 630 kVA
	DG set as Power back-up during operation phase:	1 No. 400 kVA, 1 x750 kVA, 2 x 125 kVA, 2 x 82.5 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Solar systems & LED will be used.

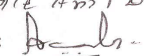
49.Detail calculations & % of saving:

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 59 of 66

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)

Serial Number	Energy Conservation Measures	Saving %
1	By using LED	1%
2	By using Solar system	11%

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. 133 Crore
	O & M cost:	Rs. 17 Lakh

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	pH, Color, odour, turbidity, TDS, BOD, COD, Oil & grease	Rs. 1
2	Site Sanitation& Safety	Safety Net, Noise Barrier	Rs. 2
3	Environmental Monitoring	Monthly	Rs. 2
4	Disinfection	Monthly	Rs. 2
5	Health Check up	Safety parameters	Rs. 1

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 no. of STP having total Capacity 95 m3/day	170	15
2	Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	54	12
3	Landscape	Tree Plantation	52	3
4	Environmental Monitoring	Monitoring and analysis of Air and Noise, water, soil etc.	MoEF approved laboratory	5
5	Energy Conservation	Solar street lighting	133 Cr.	17
6	Rain water Harvesting	33 no. of recharge pits and 1 qwell	20	1
7	Laying of storm & Sewer line up to final disposal point	Laying of storm & Sewer line up to final disposal point	5	1

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

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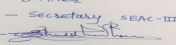
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

53. Traffic Management

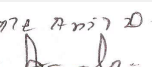

	Nos. of the junction to the main road & design of confluence:	2 nos.
Parking details:	Number and area of basement:	5 nos. of basement having total area 35,809 m ²
	Number and area of podia:	NA
	Total Parking area:	68,846 m ²
	Area per car:	35 m ² (for basement), 30 m ² (covered) & 25 m ² (open)
	Area per car:	35 m ² (for basement), 30 m ² (covered) & 25 m ² (open)
	Number of 2-Wheelers as approved by competent authority:	3,019 nos. scooters & 2,547 Nos. of cycles.
	Number of 4-Wheelers as approved by competent authority:	1,822 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(b)
	Court cases pending if any	a. Name of the court - Chief judicial magistrate, Pune b. Case No.-0401330/2015 c. Orders/ Directions of the court if any and its relevance with the proposed project

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

Page 61 of 66

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

	Other Relevant Informations	We have submitted proposal under violation cases as per MoEF notification dated 14.03.2017 . 1. Submission through EC window having proposal no. IA/MH/NCP/67785/2017 dated 31.08.2017 2. Submission of project to MoEF under violation cases through ToR window having proposal no. IA/MH/NCP/71598/2017 dated 14.12.2017
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	14-12-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

SEAC-AGENDA-0000000088

<p>Name - S.D.Aher Designation - Secretary SEAC-III Sign </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 65 Meeting Date: May 31, 2018</p>	<p>Page 62 of 66</p>	<p>Name: K. Anil Kale Signature: </p> <p>Shri. Anil Kale (Chairman SEAC-III)</p>
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Environment Clearance for proposed Residential & Commercial project "Kumar Kruti, Sophronia, Kairos & Fun N Fair" by. & Kumar Urban Development Pvt. Ltd. at S. No. 13/B,1+2+2 & 14 (P) at Wadgaon Sheri, Kalyaninagar, Pune by **M/s Kul Novel Housing Pvt. Ltd**

PP submitted their application for prior Environmental clearance for total plot area of 68263 Sq. Mtrs, BUA of 259865 Sq. Mtrs and FSI area of 132788 Sq. Mtrs.

Project Summary

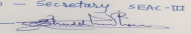
- PP submits their application for Environment Clearance on 19.03.2012.
- The Project was considered in 66th SEAC meeting dated 13th to 16th February, 2013 for its first hearing, The committee suggested that, consider adjoining plots of the owner for environmental clearance, if by considering adjoining plots BUA increases more than 1,50,000 m², then prepare EIA.
- After that project presented in front of 2nd SEAC-3 meeting dated 12th, 13th, & 14th December 2013 as compliance case. In 2nd SEAC -3 meeting, the committee was not satisfied with the reply given by PP regarding plot area & BUA, & suggested to submit all chronology information of development on entire plot.
- The project was considered in 12th SEAC III meeting dated 8th to 12th July, 2014. In the said meeting, it is observed from minutes that PP has not submitted the information which was required by committee in the previous meeting.
- The project was again considered in 15th SEAC III meeting dated 12th to 14th August, 2014. The Project is considered as violation in the said meeting (construction was done at site prior to obtaining EC).
- In 31st SEAC III meeting, the EIA report was submitted by PP in the month of April, 2014 for which TOR was not given by the SEAC III committee. PP has used standard TOR published on the MoEF web site, committee decided to appraise the EIA report in next meeting.
- In 32nd SEAC III meeting dated 24th to 28th August 2015, the committee observed that, PP has submitted the details of total plot area 1,63,986 m² & BUA 1,99,407 m² for proposed project namely Kairos, Fun N Fair with existing club house, swimming pool & badminton hall. But it is observed that the total layout consists of 5 was issued, in the EIA report and applied for the entire plot for EC to be made for issuance of TOR.
- The case is differed in 39th meeting of SEAC III held on 28th to 30th December 2015 as SEAC III asked PP to include the developments for which prosecution challan was issued, in the EIA report and application for the entire plot for EC to be made for issuance of TOR.
- PP has submitted revised proposal for EC having total plot area 1,63,986 m² & BUA of 2,79,495 m² & FSI area of 1,32,788 m² which includes construction of 9 no. of residential buildings, having maximum height of 69.85 m, shops, theatre, banquet, club house & offices.
- The Project was considered in 43rd SEAC III meeting for TOR dated 23rd to 27th February 2016.
- In 51st SEAC III meeting dated 28th to 30th July 2016, the project was considered for EIA.
- PP applied to MoEF for environmental clearance as a violation case as per notification 14.03.2017 on dated 31.08.2017 having proposal no, IA/MH/NCP/67785/2018 through EC window.
- As per MoEF notification dated 08/03/2018 PP submitted their application to SEAC III as a violation case.

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) B1.

<p>Name - S.D. Aher Designation - Secretary SEAC-III Sign - </p> <p>S.D.Aher (Secretary SEAC-III)</p>	<p>SEAC Meeting No: 65 Meeting Date: May 31, 2018</p>	<p>Page 63 of 66</p>	<p>Name:  Signature:  Shri. Anil Kale (Chairman SEAC-III)</p>
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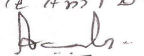
DECISION OF SEAC

SEAC-AGENDA-00000000088

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SEAC Meeting No: 65 Meeting Date: May 31, 2018

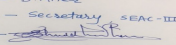
Page 64 of 66

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

After deliberation, Committee Hereby accords approval to the Terms of Reference for proposed 'Construction for undertaking Environment Impact Assessment (EIA) and preparation of Environment Management Plan (EMP) including all above points for further discussion and consideration of SEAC as per MoEF& CC Notification dated 14/03/2017 and 8/03/2018. PP requested for time to submit above information.

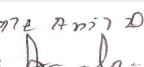

Specific Conditions by SEAC:

- 1) PP to conduct ground water modelling
- 2) PP to submit details of treatment /disposal of solid waste as per prevailing norms
- 3) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 4) PP to submit ecological damage assessment interms of embodied energy and global sectors with LCA approach and with applicable coefficient ultimately reporting in terms of cost.
- 5) PP to submit detailed report on CSR activities in consultation with project affected people.
- 6) PP to resubmit traffic impact study.
- 7) PP to resubmit STP drawing.
- 8) PP to submit an indemnity bond for project land.
- 9) 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.
- 10) PP to submit Side specific EMP giving proper details and required the step taken for corrective action and who will of look after the same.
- 11) PP to submit Socio -economic infrastructure within vicinity land specially existing primary school, market hospital etc.
- 12) PP to submit NOC,s for Water supply, Disposal of solid waste, sewage connection to Municipal sewer pipeline. And revised CFO NOC.
- 13) PP to submit energy saving calculations.
- 14) PP to submit undertaking that the Environment Engineers will be appointed.
- 15) 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.
- 16) PP to submit revised parking plan at lower ground and parking statement.
- 17) PP to prepare an Ecological report.
- 18) PP to submit Project description, its importance and the benefits,
- 19) PP to submit Project site details (location, top sheet of the study area of 10 km, coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage).
- 20) PP to submit Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board, etc.
- 21) PP to submit Land acquisition status, R&R details,
- 22) PP to submit Baseline environmental study for ambient air (PM10, PM2.5, SO2, NOx& CO), water (both surface and ground), noise and soil as per MoEF&CC/CPCB guidelines at minimum 5 to 10 locations in the study area.
- 23) PP to submit Details on flora and fauna and socio-economic aspects in the study area
- 24) PP to submit Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc),
- 25) PP to submit Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc,
- 26) PP to submit Waste water management (treatment, reuse and disposal) for the project.
- 27) PP to submit Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, and the Construction & Demolition Rules.
- 28) PP to submit Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
- 29) PP to submit Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- 30) PP to Submit an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 31) PP to submit the remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- 32) PP to conduct ground water modelling
- 33) PP to submit details of treatment /disposal of solid waste as per prevailing norms.
- 34) PP to submit Environmental status report clearly mentioning the mitigation measures undertaken already.
- 35) PP to submit ecological damage assessment in terms of embodied energy and global sectors with LCA approach and with applicable coefficient ultimately reporting in terms of cost.
- 36) PP to submit details of CER activities in consultation with the people around the project area as per MoEF& CC circular dated 1/05/2018 if applicable.

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

SEAC Meeting No: 65 Meeting Date: May 31, 2018

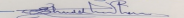
Page 65 of 66

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

FINAL RECOMMENDATION

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

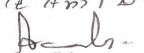
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Name - S.D.Aher
Designation - Secretary SEAC-III
Sign - 

S.D.Aher (Secretary SEAC-III)

SEAC Meeting No: 65 Meeting Date: May 31, 2018

**Page 66
of 66**

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman SEAC-III)