


Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for Amendment of Residential project - Meghna Montana at Plot bearing S No. 135/3A, 138/1P, 138/2, 134/1A, 1B, 1C, 1D, 134/2, 138/1D at village - Chikhaloli by M/s. Tharwani Constructions Pvt Ltd

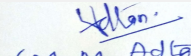
Is a Violation Case: No

1.Name of Project	Amendment of Residential project - Meghna Montana
2.Type of institution	Private
3.Name of Project Proponent	M/s. Tharwani Constructions Pvt Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt Ltd
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received letter no. SEAC-2013/CR-358/TC-1 dtd 21.02.2015
8.Location of the project	Plot bearing S No. 135/3A, 138/1P, 138/2, 134/1A, 1B, 1C, 1D, 134/2, 138/1D at village - Chikhaloli
9.Taluka	Ambarnath
10.Village	Chikhaloli
Correspondence Name:	M/s. Tharwani Constructions Pvt Ltd
Room Number:	310-313
Floor:	3rd floor
Building Name:	Persipolis Premises Co-op Soc Ltd
Road/Street Name:	Plot No. 74, Sector - 17
Locality:	Vashi
City:	Navi Mumbai
11.Whether in Corporation / Municipal / other area	Ambarnath Municipal Council (AMC)
12.IOD/IOA/Concession/Plan Approval Number	CC received
	IOD/IOA/Concession/Plan Approval Number: AMC/NRV/BP/19-20/849/8972/61 dtd 26.09.2019
	Approved Built-up Area: 81962
13.Note on the initiated work (If applicable)	As per previous EC received dtd 21.02.2013 Building Type A, B, D, E, F, G, H, I, J are constructed.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	IOD dated 26/09/2019
15.Total Plot Area (sq. m.)	42580.00
16.Deductions	7067
17.Net Plot area	35271.90
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 81,962.54
	b) Non FSI area (sq. m.): 41,940.88
	c) Total BUA area (sq. m.): 123903.42
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 81,962.54
	Approved Non FSI area (sq. m.): 41,940.88
	Date of Approval: 26-09-2019
19.Total ground coverage (m2)	6625.47 sq.mt
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.78 %
21.Estimated cost of the project	2500000000


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SEAC-II)

22. Number of buildings & its configuration

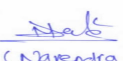
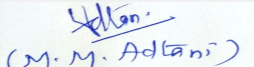
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A, B, D, E, F, G, H, I, J	St +7 floors	23.10
2	Wing C	St +18 floors	48.65
3	Wing C1	St +12 floors	37.25
4	Wing L, Q, R, S, T	St + 20 floors	60.00
5	Wing M, N, O, P	St +19 floors	57.35
6	Wing A1	St +16 floors	48.95
7	Wing A2	Gr floor	3.65
8	Clubhouse & Community hall	Gr + 1 floor/Gr + 1 floor	7.80/8.00

23. Number of tenants and shops	Residential: 1500 nos. Shops: 11 nos. Club house: 1 no Community hall: 1 no.
24. Number of expected residents / users	7533 nos.
25. Tenant density per hectare	363 Tenants / hectore
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.00 m wide D.P road
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9.00 m
29. Existing structure (s) if any	Nil
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

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 123 Meeting Date: December 7, 2019	Page 2 of 115	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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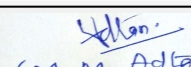
Dry season:	Source of water	AMC/ STP Treated water							
	Fresh water (CMD):	675							
	Recycled water - Flushing (CMD):	338							
	Recycled water - Gardening (CMD):	56							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1069							
	Fire fighting - Underground water tank(CMD):	1050							
	Fire fighting - Overhead water tank(CMD):	30							
	Excess treated water	457							
Wet season:	Source of water	AMC/ STP Treated water/RWH							
	Fresh water (CMD):	675							
	Recycled water - Flushing (CMD):	338							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1013							
	Fire fighting - Underground water tank(CMD):	1050							
	Fire fighting - Overhead water tank(CMD):	30							
	Excess treated water	513							
Details of Swimming pool (If any)	one swimming pool								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3.5 m to 3.7 m bgl
	Size and no of RWH tank(s) and Quantity:	10 nos. of tanks with total capacity of 400 cum (2days capacity)
	Location of the RWH tank(s):	Below ground level
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Rs. 84 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 4.2 Lakhs/yr
	Details of UGT tanks if any :	Domestic water tank 681 cum Flushing water tank 404 cum Fire water Tank 1050 cum
35.Storm water drainage	Natural water drainage pattern:	north to south
	Quantity of storm water:	0.54 cum/sec
	Size of SWD:	600 mm X 600 mm
Sewage and Waste water	Sewage generation in KLD:	948 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	2 nos. of STP with total capacity of 975 KLD
	Location & area of the STP:	Below ground level
	Budgetary allocation (Capital cost):	Rs. 143 Lakhs
	Budgetary allocation (O & M cost):	Rs. 36 Lakhs/yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Recyclable waste will be generated like empty cement bags & cans, scrap metal etc. Debris & construction waste shall be generated.
	Disposal of the construction waste debris:	Recyclable waste like empty cement bags & empty paint cans shall be handed over to local vendors. Broken tiles shall be used for china mosaic of terrace. Scrap metals shall be sold to recyclers.
Waste generation in the operation Phase:	Dry waste:	1518 kg/day
	Wet waste:	2259 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	47 kg/day
	Others if any:	NA


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Mode of Disposal of waste:	Dry waste:	Will be handed over to Local Recyclers.
	Wet waste:	Will be processed in the OWC. manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be used as manure & replacement of saw dust for OWC
	Others if any:	Not Applicable
Area requirement:	Location(s):	Located at Ground Level
	Area for the storage of waste & other material:	153 sq.m
	Area for machinery:	17 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 16 Lakhs
	O & M cost:	Rs. 4.06 Lakhs/yr

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

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

41. Source of Fuel	Not applicable
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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	11196.87 sq.mt		
	No of trees to be cut :	-		
	Number of trees to be planted :	626 nos.		
	List of proposed native trees :	as given below		
	Timeline for completion of plantation :	at the end of construction phase		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachata indica	Neem Tree	101	medicinal tree
2	Millingtonia hortensis	Indian Cork tree	94	flowering tree
3	Cordia sebestena	Scarlet cordia	68	flowering tree
4	Polyalthia longifolia	Mast tree	109	evergreen tree
5	Caryota mitis	Fishtail palm	50	shady tree
6	Roystonea regia	Royal Palm	93	shady tree
7	Michelia champaca	Sonchapha	66	evergreen tree
8	Nyctanthes arbortristis	Parijatak	45	flowering tree
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	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	75 KVA
	During Operation phase (Connected load):	8755 kW
	During Operation phase (Demand load):	5253 kW
	Transformer:	-
	DG set as Power back-up during operation phase:	2 X 380 KVA & 1 X 125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Hotwater provision made using Solar Hotwater system
 LED lights used for Staircase & Lobby
 LED Lights put on Solar PV Panels
 LED lights used for Ext. Road Lighting

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	total energy savings	13%

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.46 Lakh
	O & M cost:	Rs.5.00 Lakh

51. Environmental Management plan Budgetary Allocation

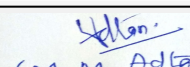
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	4
2	Noise Environment	Noise Baricades and Green Belt Developments	3


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3	Water Environment	Modular STP , Drainage with sedimentation tanks	3
4	Good Health Practices	Site Sanitation & Health Care	3
5	Environment Monitoring	Environment Monitoring	3

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	RWH	84	4.2
2	Water Environment	STP	143	36
3	Solid waste management	OWC	16	4.02
4	Energy Savings	Solar	46	5
5	Land environment	Landscaping	15	2

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

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

52.Any Other Information

No Information Available

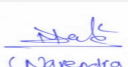
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The project site is accessible through the existing 18 m wide road
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Parking details:	Number and area of basement:	Nil
	Number and area of podia:	1 no. & 919.13 sq m
	Total Parking area:	11898.57 sq m
	Area per car:	13.75 sq.m
	Area per car:	13.75 sq.m
	Number of 2-Wheelers as approved by competent authority:	Scooters: 994 nos. Cycles: 994 nos.
	Number of 4-Wheelers as approved by competent authority:	240 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	minimum 6.00 m wide internal road
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a), B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-08-2018

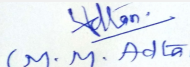
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-


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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	

SEAC-AGENDA-0000000366

PP Mr. Sunil Tharwani was present during the meeting along with environmental consultant M/s. Enviro Analysts & Engineers Pvt Ltd.


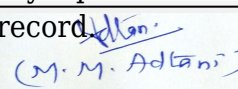
PP informed that, the project under consideration is residential project. *PP further stated that, the total plot area of the project is 42580.00 Sq.mt. having total construction area 123903.42 Sq.mt. (FSI - 81,962.54 Sq.mt. + NON FSI- 41,940.88 Sq.mt.) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)
Wing A, B, D, E, F, G, H, I, J	St +7 floors	23.10
Wing C	St +18 floors	48.65
Wing C1	St +12 floors	37.25
Wing L, Q, R, S, T	St + 20 floors	60.00
Wing M, N, O, P	St +19 floors	57.35
Wing A1	St +16 floors	48.95
Wing A2	Gr floor	3.65
Clubhouse & Community hall	Gr + 1 floor/Gr + 1 floor	7.80/8.00

It is noted that, Project has received Environmental clearance vide letter dated 21.02.2015.

It is noted that the project earlier considered in 117th (Day-1) Meeting held on 17-10-2019 & deferred with observations namely-1) Local planning authority to ensure the structural stability of building for which vertical expansion is proposed. 2) to submit the DP remark. 3) to ensure that no construction should be carried out on 1:5 slop or more than 1:5 4) to superimpose the layout plan & SWD plan on contour plan of the site. 5) to submit the STP calculation & Time line of the local municipal council to develop final sewerage system along with final plan for the project. Accordingly, PP submitted the compliance which was taken on record.

The project proposal was deliberated on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of

compliances, form 1, 1A, presentation & plans submitted are taken on the record.			
 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 123 Meeting Date: December 7, 2019	Page 11 of 115	 Shri M.M.Adtani (Chairman SEAC-II)

DECISION OF SEAC

After detailed deliberations, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

Specific Conditions by SEAC:

- 1) PP to upload the contour map.
- 2) The planning authority to ensure that no occupation certificate is given to the Project till surplus discharge from STP of the Project is connected to duly developed and commissioned sewage disposal system of the planning authority respectively.
- 3) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 4) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

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

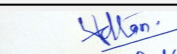
SEAC-AGENDA-0000000365


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**Shri M.M.Adtani (Chairman
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Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)


SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for For Proposed Residential cum Commercial Construction Project

Is a Violation Case: No

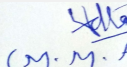
1.Name of Project	Mohan Alcoves
2.Type of institution	Private
3.Name of Project Proponent	Mr. Manohar Manchandya
4.Name of Consultant	NA
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 31,32/1/1, 32/1/2, 32/2 &221
9.Taluka	Ambarnath
10.Village	Valivali
Correspondence Name:	Mr. Manohar Manchandya
Room Number:	na
Floor:	NA
Building Name:	Mohan Plaza, G1
Road/Street Name:	Next to Mohan Pride, Wayle Nagar
Locality:	Khadakpada
City:	Kalyan (W) - 421 301, India.
11.Whether in Corporation / Municipal / other area	Kulgaon-Badlpur Municipal council
12.IOD/IOA/Concession/Plan Approval Number	In Process
	IOD/IOA/Concession/Plan Approval Number: In Process
	Approved Built-up Area: 55548.67
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	21190.00 Sq. M
16.Deductions	4423.76 Sq. M
17.Net Plot area	16766.23 Sq. M
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 35659.34
	b) Non FSI area (sq. m.): 19889.33
	c) Total BUA area (sq. m.): 55548.67
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)	2011.94
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12
21.Estimated cost of the project	1500000000

22.Number of buildings & its configuration


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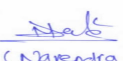
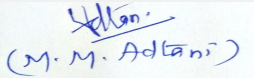
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A1	G + 14	42.30
2	A2	G + 14	42.30
3	B3	G + 15	46.15
4	B4	G + 15	46.15
5	C5	G + 15	46.15
6	C6	G + 15	46.15
7	D7	G + 15	46.15
8	E8	G + 4	14.70
9	F9	G+12	36.60

23.Number of tenants and shops	Number of tenants - 814, Number of shops - 16
24.Number of expected residents / users	Residential Population - 4070, Commercial Population - 62, Total (Residential+Commercial) = 4132
25.Tenant density per hectare	250 Tenement /ha as per DCR
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12.0 mt. wide road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	Not Applicable
30.Details of the demolition with disposal (If applicable)	Not Applicable as there is no existing structure & demolition activity for the same.

31.Production Details

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

32.Total Water Requirement


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Dry season:	Source of water	KBMC
	Fresh water (CMD):	371
	Recycled water - Flushing (CMD):	185
	Recycled water - Gardening (CMD):	11.17
	Swimming pool make up (Cum):	125
	Total Water Requirement (CMD) :	565.62
	Fire fighting - Underground water tank(CMD):	650
	Fire fighting - Overhead water tank(CMD):	225
	Excess treated water	308.39
Wet season:	Source of water	KBMC
	Fresh water (CMD):	371
	Recycled water - Flushing (CMD):	185
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	125
	Total Water Requirement (CMD) :	554.45
	Fire fighting - Underground water tank(CMD):	650
	Fire fighting - Overhead water tank(CMD):	225
	Excess treated water	319.57

Details of Swimming pool (If any)
 Pool dimension: 3 x 2.70 x 0.75 (Paddle pool), 4.0 x 5.0 (Kids pool), 9.0 x 6.0 (Main pool)
 Total volume of pool (water quantity) =125000.00 Liters approx
 Balancing Tank Capacity : 5% of total qty.e 6250 ltsapprox
 Turn Over Period : 3-4 Hrs

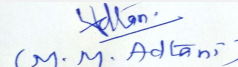
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not Applicable	371	371	Not Applicable	36.63	36.63	Not Applicable	499.01	499.01
Gardening	Not Applicable	11.17	11.17	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


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Fresh water requirement	Not applicable	565.62	Not applicable	Not applicable	66.62	66.62	Not applicable	Not applicable	Not applicable
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	10m below
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	Rain water harvesting plan is attached annexure with Form1, 1A
	Quantity of recharge pits:	12 no. of recharge pits are proposed
	Size of recharge pits :	3.0 Mt. x 3.0 Mt. x 3.0 Mt. Depth
	Budgetary allocation (Capital cost) :	INR 42 lacs
	Budgetary allocation (O & M cost) :	INR 0.48 lacs per annum
Details of UGT tanks if any :	Capacity of UGT tank is as below Building Name UGT capacity (lit) Building A1 - 75000 Building A2 - 75000 Building B3 - 75000 Building B4 - 75000 Building C5 - 75000 Building C6 - 75000 Building D7 - 100000 Building F9 - 100000	

35.Storm water drainage	Natural water drainage pattern:	As per contour (Refer annexure contour plan)
	Quantity of storm water:	22 cu.m/m
	Size of SWD:	600 MM dia Pipe.

Sewage and Waste water	Sewage generation in KLD:	500
	STP technology:	MBBR
	Capacity of STP (CMD):	520 m3/Day
	Location & area of the STP:	Location of proposed STP was shown in services location plan. Please refer services location plan attached as a annexure with Form 1, 1A
	Budgetary allocation (Capital cost):	77 lacs
	Budgetary allocation (O & M cost):	16 lacs

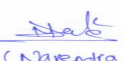

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	In construction phase, excavated earth and waste construction material will be used for road leveling and top soil will be used for proposed landscaping. In operation phase, total waste generation from 814 tenements & 16 shops will be 1887.70 Kg/Day. Biodegradable waste will be treated in mechanized waste converter machine & non biodegradable waste will be send to authorized vendor
	Disposal of the construction waste debris:	To authorized dealer
Waste generation in the operation Phase:	Dry waste:	721.0
	Wet waste:	1166.7
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	120 kg/day
	Others if any:	No
Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Organic waste convertor
	Hazardous waste:	not applicable
	Biomedical waste (If applicable):	not applicable
	STP Sludge (Dry sludge):	used as manure for landscaping in own project premises
	Others if any:	No
Area requirement:	Location(s):	location of mechanized composting unit is shown in services location plan. Services location Plan is attached with form1, 1A
	Area for the storage of waste & other material:	7 Sqm
	Area for machinery:	49.7 Sqm (Machinery+segregation table+space for finished product+washing area+shredder)
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	18
	O & M cost:	6.5

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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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 :	1862.91 Sqm
No of trees to be cut :	Not Applicable
Number of trees to be planted :	290
List of proposed native trees :	List of trees is attached as annexure with Form1, 1A
Timeline for completion of plantation :	5 years

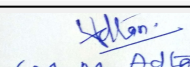
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahwa	34	Small, deciduous tree. Yellow colour flowers
2	Putranjiva Roxburgii	Putranjiva	16	Small Size, Evergreen tree, beautiful greenish yellow flowers
3	Michelia Champaca	Sonchapha	20	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
4	Azadirachta Indica	Neem	52	Large tree, good for roadside plantation
5	Albizzia Lebbeck	Shirish	32	Medicinal , used to produce timber
6	Mimosops Elengi	Bakul	07	Shady tree, small white fragrant flowers
7	Ailanthus Excelsa	Maharukh	29	Wood is very soft and used for building Catamarans and match sticks and boxes. Leaves and bark used in medicinal preparations.
8	Pongamia Pinnata	Karanj	29	Shady tree.
9	Saraca Asoca	Sita Ashok	28	Small size evergreen tree, flower reddish orange


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10	Caryota Urens	Fishtail palm	30	Large palm. Male flowers are red in colour, female flower green
11	Areca catechu	Supari	13	Used to make medicines

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)	45 KW
	DG set as Power back-up during construction phase	Approx.62.5 KVA x 1 No. as backup
	During Operation phase (Connected load):	3212 KW, 4015 KVA
	During Operation phase (Demand load):	3212 KW, 4015 KVA
	Transformer:	630 KVA X 4 Nos
	DG set as Power back-up during operation phase:	225 KVA X 1 No
	Fuel used:	Diesel at 75% loading- 39 liters. /hr.
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Using Solar system in Common Area Lighting (34 %). & Street, landscape area lights with LED lamps.
Using solar water heater system 10 %

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Using Solar system in Common Area Lighting	34%
2	Solar water heating system	10%

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage Generation	Not applicable	STP
Wet Garbage	Not applicable	Mechanized composting unit

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	1.93 Cr
	O & M cost:	14.7 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	Erosion Control	Dust suppression	25
2	Site safety	Nets, barricading	10
3	Site sanitation	Public toilets	5
4	Disinfection & health check up	For labours	5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	To treat waste water - STP of 520 m3/day proposed	77	1.33
2	Rain Water Harvesting	12 no. of RWH pits will be proposed during operation phase	42	0.48
3	Storm Water Networking (including external line connection)	Internal & external storm water line connection	42	1
4	Solid Waste Management	For mechanized composting unit	18	6.5
5	Green Belt Development	290 no. of trees will be planted	94	9
6	Solar Water Heater	To save electrical energy proposing the solar water heaters	84	7
7	Environmental Monitoring	To maintain the provided environmental services	0	1.60
8	Safety & Awareness Training	For labours	5	0

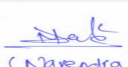
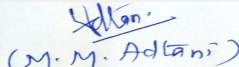
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

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

52.Any Other Information

No Information Available

53.Traffic Management

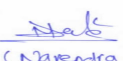
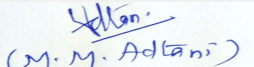
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	Nos. of the junction to the main road & design of confluence:	3
Parking details:	Number and area of basement:	Nil
	Number and area of podia:	Nil
	Total Parking area:	4120 Sq.m
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	1040
	Number of 4-Wheelers as approved by competent authority:	105
	Public Transport:	NA
	Width of all Internal roads (m):	6 mt
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Category B- 8 (a)
	Court cases pending if any	Nil
	Other Relevant Informations	Nil
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

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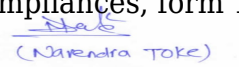
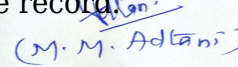
PP was present during the meeting along with environmental consultant M/s. consultant M/s. Mahabal Enviro Engineers Pvt. Ltd.,

PP informed that, the project under consideration is residential cum commercial project. PP further stated that, the total plot area of the project is 21190.00 Sq.mt. having total construction area 55548.67 Sq.mt. (FSI-35659.34 Sq.mt. + NON FSI- 19889.33 Sq.mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
A1	G + 14	42.30
A2	G + 14	42.30
B3	G + 15	46.15
B4	G + 15	46.15
C5	G + 15	46.15
C6	G + 15	46.15
D7	G + 15	46.15
E8	G + 4	14.70
F9	G+12	36.60

It is noted that the project earlier considered in 116th Meeting held on 10-10-2019 & deferred with observations namely- 1) Local body to ensure that no occupation certificate is given to the project until sewer lines is developed and connected to the project 2) to ensure that, the driveway map submitted in reply to compliance point no 4 i.e "PP to revise & submit fire tender movement plan showing access all around the building" to be adhere to & also to get approved from council. 3) to submit the red/blue line of Ulhas River from water resource Department. Accordingly, PP submitted the compliance which was taken on record.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of

compliances, form 1, 1A, presentation & plans submitted are taken on the record.			
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DECISION OF SEAC

After detailed deliberations, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

Specific Conditions by SEAC:

- 5) PP to ensure that no construction should be carried out at HFL/LFL level of ulhas river.
- 6) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 7) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

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

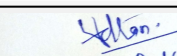
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**Shri M.M.Adtani (Chairman
SEAC-II)**


Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for "Proposed Redevelopment of Municipal Tenanted Property" at Plot bearing C.S. no. 383(pt.), Tardeo Division, Arya Nagar, near R.T.O. Office at Body Guard Lane, in 'D' Ward Mumbai. By M/s Shri Siddhi Avenues LLP

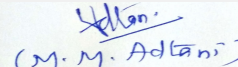
Is a Violation Case: No

1.Name of Project	"Proposed Redevelopment of Municipal Tenanted Property" at Plot bearing C.S. no. 383(pt.), Tardeo Division, Arya Nagar, near R.T.O. Office at Body Guard Lane, in 'D' Ward Mumbai.
2.Type of institution	Private
3.Name of Project Proponent	M/s Shri Siddhi Avenues LLP
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Mixed use project with Residential building (including shops) for Sale and Rehab and redevelopment of School building under 33(7) of DCPR 2034 (redevelopment scheme)
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	Located at C.S. no. 383(pt.) Tardeo Division, Arya Nagar, near R.T.O. Office at Body Guard Lane, in 'D' Ward Mumbai
9.Taluka	Mumbai
10.Village	-
Correspondence Name:	Rajendra Chandorkar
Room Number:	Third Floor
Floor:	Third Floor
Building Name:	Commerz
Road/Street Name:	International Business park, Oberoi garden City
Locality:	Goregaon (East)
City:	Mumbai - 400063
11.Whether in Corporation / Municipal / other area	MCGM (Municipal Corporation of Greater Mumbai)
12.IOD/IOA/Concession/Plan Approval Number	Concession received from MCGM IOD/IOA/Concession/Plan Approval Number: CHE/CTY/1171/D/337(NEW) (sale building), CHE/CTY/1461/D/337(NEW) (Rehab Building) and EB/3916/D/A (School building.) Approved Built-up Area: 32661.86
13.Note on the initiated work (If applicable)	Rehab building work upto Plinth level is started on site.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plinth CC- dated 06/06/2017 CFO - dated - 09/02/2017 for Sale Building CFO - dated - 24/10/2013 LOI - dated 08/12/2016 HRC-dated 28/07/2017
15.Total Plot Area (sq. m.)	7501.64 sqm
16.Deductions	Reservation (Secondary school) = 21.44; Welfare center = 44.197 Total = 65.637
17.Net Plot area	7436.003 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 29,050.42 sqm for Sale and Rehab Building + 3611.44 sqm for School building. b) Non FSI area (sq. m.): 37,375.41 sqm for Sale and Rehab Building + 2230.11 sqm for School building. c) Total BUA area (sq. m.): 72267.38
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 29,050.42 sqm for Sale and Rehab Building + 3611.44 sqm for School building. Approved Non FSI area (sq. m.): 37,375.41 sqm for Sale and Rehab Building + 2230.11 sqm for School building. Date of Approval: 12-06-2018
19.Total ground coverage (m2)	2795.27 sqm


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20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	37.26 %
21. Estimated cost of the project	3600000000

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sale Building	4level Basement+ground+1st podium to 8th podium + 9th service floor + 10th stilt Podium 17th, 24th, 31st, 38th, 45th and 52nd refuge levels + 11th to 16th ,18th to 23rd, 25th to 30th, 32nd to 37th, 39th to 44th, 46th to 51st, 53rd to 56th typical residential Floor +57th Part residential floor + Terrace + LMR/OHT	219.30
2	Rehab Building	Stilt floor, 1 to 7th residential floors, 8th and 15th refuge floors, 9th to 14th & 16-19th residential floors	67.00
3	School Building	Stilt + 7 floors + Terrace	29.55

23. Number of tenants and shops	Sale Building = 88 nos ; Shops (Sale) = 06 nos Rehab Building = 131 nos ; Shops (Rehab) = 08 nos School Building = 26 Class rooms
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24. Number of expected residents / users	Sale Building - 616 nos ; Sale shop - 179 nos Rehab Building - 524 nos ; Rehab Shops - 18 nos School Building - 1300 nos Total-2637 nos
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25. Tenant density per hectare	292 tenants/hector
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26. Height of the building(s)	
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27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	12.20 Mt Wide Bodyguard Lane (D.P road) ,9.20 mtr wide existing approach road and 18.30 mtr wide Tulsiwadi road
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28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.50 mtrs
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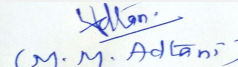
29. Existing structure (s) if any	Existing dilapidated chawls which are to be demolished (SWM NOC dated 22nd May 2018 received)
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30. Details of the demolition with disposal (If applicable)	Debris management will be followed as per C & D rules, 2016
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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

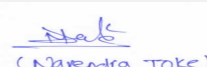
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Dry season:	Source of water	MCGM / treated water from STP
	Fresh water (CMD):	Sale Building - 60 CMD Rehab Building - 48 CMD School Building - 33 CMD
	Recycled water - Flushing (CMD):	Sale Building -31 CMD Rehab Building - 24 CMD School Building -27 CMD
	Recycled water - Gardening (CMD):	Sale Building - 3 CMD Rehab Building - 1 CMD School Building - 1 CMD
	Swimming pool make up (Cum):	Sale Building - 11 cum
	Total Water Requirement (CMD) :	Sale Building - 91 CMD Rehab Building -72 CMD School Building - 60 CMD
	Fire fighting - Underground water tank(CMD):	Sale Building - 3 lakhs liters Rehab Building - 1.5 lakhs liters School Building -1 lakh liters
	Fire fighting - Overhead water tank(CMD):	Sale Building - 30 thousand liters Rehab Building - 20 thousand liters School Building -20 thousand liters
	Excess treated water	Sale Building -34 CMD Rehab Building - 25 CMD School Building -28 CMD
Wet season:	Source of water	MCGM / treated water from STP/RWH
	Fresh water (CMD):	Sale Building - 60 CMD Rehab Building - 48 CMD School Building - 33 CMD
	Recycled water - Flushing (CMD):	Sale Building -31 CMD Rehab Building - 24 CMD School Building -27 CMD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	Sale Building - 11 cum
	Total Water Requirement (CMD) :	Sale Building - 91 CMD Rehab Building -72 CMD School Building - 60 CMD
	Fire fighting - Underground water tank(CMD):	Sale Building - 3 lakhs liters Rehab Building - 1.5 lakhs liters School Building -1 lakh liters
	Fire fighting - Overhead water tank(CMD):	Sale Building - 30 thousand liters Rehab Building - 20 thousand liters School Building -20 thousand liters
	Excess treated water	Sale Building -31 CMD Rehab Building - 24 CMD School Building -27 CMD

Details of Swimming pool (If any) Sale Building: 7.2 m x 26.3 with depth of 1.2 mts

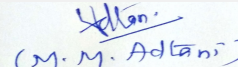
33.Details of Total water consumed

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


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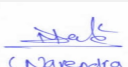
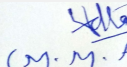
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Sale Building - 1 to 2 mtrs Rehab Building - 3.3 to 3.6 mtrs School Building - 3.3 to 3.6 mtrs
	Size and no of RWH tank(s) and Quantity:	Sale Building - 71 CMD Rehab Building - 48 CMD School Building - 33 CMD
	Location of the RWH tank(s):	Sale Building - Basement Rehab Building - Under Ground School Building - Under Ground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 8.00Lakhs
	Budgetary allocation (O & M cost) :	Rs 0.4 Lakhs /Annum
	Details of UGT tanks if any :	<p>Sale Building - Location of UGT - Basement Domestic - 107 CMD Flushing - 51 CMD</p> <p>Rehab Building Location of UGT - Underground Domestic- 72 CMD Flushing- 38 CMD</p> <p>School Building Location of UGT - Underground Domestic - 50 CMD Flushing - 42 CMD</p>
35.Storm water drainage	Natural water drainage pattern:	NE to SW
	Quantity of storm water:	Sale Building - 224 m3/hr Rehab Building - 127 m3/hr School Building - 140 m3/hr
	Size of SWD:	450 mm dia
Sewage and Waste water	Sewage generation in KLD:	Sale Building - 82 KLD Rehab Building- 65 KLD School Building - 55 KLD
	STP technology:	MBR
	Capacity of STP (CMD):	Sale Building- 82 KLD; Combined STP for Rehab Building and School Building 120 KLD
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs 60.00 Lakhs
	Budgetary allocation (O & M cost):	Rs 9.00 lakhs /annum
36.Solid waste Management		

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated material, Cement Bags , Paint container (@20L), Scrap metal generated, Broken Tiles
	Disposal of the construction waste debris:	Excavated material used on site for backfilling and for internal roads. Excess disposed to authorized landfills Cement Bags Empty bags handed over to recycler. Paint container (@20L) handed over to recycler. Scrap metal generated Entirely sold for recycling Broken Tiles Waste tiles used for skirting. Broken pieces used for china mosaic waterproofing of terraces
Waste generation in the operation Phase:	Dry waste:	Sale Building-95 kg/d, Rehab Building-65 kg/d, School Building-80 kg/d
	Wet waste:	Sale Building-143kg/d, Rehab Building-98 kg/d, School Building-120 kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sale Building - 14 kg/d, Combined for Rehab Building & School Building-20 kg/d
	Others if any:	E-waste will be handed over to MPCB authorized dealers
Mode of Disposal of waste:	Dry waste:	To be hand over to Local Recyclers for recycling
	Wet waste:	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	E-waste will be handed over to MPCB authorized dealers
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	20 sqm
	Area for machinery:	10 sqm for each OWC machine
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 30.00 Lakhs
	O & M cost:	Rs 6.00 lakhs /annum

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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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 :	801.42 Sqm (13%)
No of trees to be cut :	-
Number of trees to be planted :	158 Nos of trees
List of proposed native trees :	Same as below
Timeline for completion of plantation :	By the end of construction phase

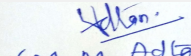
44.Number and list of trees species to be planted in the ground

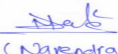
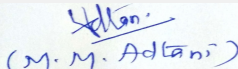
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Terminalia catappa	Badam tree	08	Evergreen, shade throughout the year, fruit bearing, feeding the birds.
2	Pongamia glabra	Karanj	38	Evergreen, shade throughout the year
3	Mangifera indica	Mango tree	13	Evergreen, shade throughout the year
4	Alstonia scholaris	Saptami	17	Evergreen, shade throughout the year
5	Peltophorum pterocarpum	Copperpod	28	Evergreen, shade throughout the year
6	Bahuinea purpurea	Kanchan	28	Flowering tree, native tree
7	Plumeria rubra	Chafa	9	Deciduous, flowering throughout the year
8	Nyctanthes arbortristis	Parjatak	9	Flowering tree, native tree
9	Lagerstormia speciosa	Taman	5	State tree of Maharashtra, flowering
10	Michelia champaca	Sonchafa	3	Religious significance, native tree


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11	--	-	-	-
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				
Power requirement:	Source of power supply :	BEST /TATA		
	During Construction Phase: (Demand Load)	100 kW		
	DG set as Power back-up during construction phase	100 kVA		
	During Operation phase (Connected load):	Sale Building: 2918 kW Rehab Building: 975kW School Building: 384kW		
	During Operation phase (Demand load):	Sale Building: 315 kW Rehab Building: 390kW School Building: 228kW		
	Transformer:	Sale Building - 2 x 1000 kVA Rehab Building - 1 x 1000 kVA School Building - 630A LT Feeder		
	DG set as Power back-up during operation phase:	Sale Building - 1250 kVA Rehab Building -320 kVA School Building - 250 kVA		
	Fuel used:	HSD		
	Details of high tension line passing through the plot if any:	Not applicable		
48.Energy saving by non-conventional method:				
By using energy efficient equipment and Solar panels				
49.Detail calculations & % of saving:				
Serial Number	Energy Conservation Measures	Saving %		
1	Overall savings for Sale Building	21.2%		
2	Overall savings for Rehab Building	21%		
3	Overall savings for School Building	16%		
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. 60.00 lakhs		
	O & M cost:	Rs.3.00 lakhs		
51.Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	15.00
2	Noise Environment	Noise Baricades and Green Belt Developments	8.0
3	Water Environment	Modular STP , Drainage with sedimentation tanks	5.0
4	Good Health Practices	Site Sanitation & Health Care	2.0
5	Environment Monitoring	Air,water,noise soil monitoring during construction phase	1.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	SWM	OWC	30.00	6.00
2	Waste water	STP	60.00	9.00
3	Energy conservation	Solar Panels	60.00	3.00
4	RWH system	RHW tanks	8.00	0.40
5	GREEN BELT	Landscaping	20.00	4.00

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

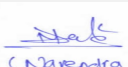
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

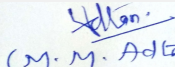
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	12.20 Mt Wide Bodyguard Lane (D.P road) ,9.20 mtr wide existing approach road and 18.30 mtr wide Tulsiwadi road Total 6 entry and exits
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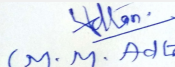

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Parking details:	Number and area of basement:	4 nos (8225.16 sqm for parking)
	Number and area of podia:	Ground + 8 Podium nos (13,350.60 sqm for parking)
	Total Parking area:	21,575.76 sqm
	Area per car:	34.7 sqm
	Area per car:	34.7 sqm
	Number of 2-Wheelers as approved by competent authority:	• Sale Building -32 nos
	Number of 4-Wheelers as approved by competent authority:	• Sale Building-285 nos • Rehab Building -34 nos • School Building -1 nos
	Public Transport:	-
	Width of all Internal roads (m):	6.00 m wide
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a) B2
	Court cases pending if any	N/A
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


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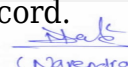
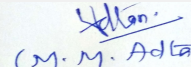
PP was present during the meeting along with environmental consultant M/s. Enviro Analysts & Engineers Pvt. Ltd.

PP informed that, the project under consideration is residential building project. *PP further stated that, the total plot area of the project is 7501.64 Sq.mt. having total construction area 72267.38 Sq.mt. (FSI - 29,050.42 Sq.mt. for Sale and Rehab Building + 3611.44 Sq.mt. for School building. + NON FSI- 37,375.41 Sq.mt. for Sale and Rehab Building + 2230.11 Sq.mt. for School building.) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)
Sale Building	4level Basement+ground+1 st podium to 8th podium + 9 th service floor + 10th stilt Podium 17th, 24th, 31st, 38th, 45th and 52nd refuge levels + 11th to 16 th , 18th to 23rd, 25th to 30th, 32 nd to 37th, 39th to 44th, 46th to 51st, 53rd to 56th typical residential Floor +57th Part residential floor + Terrace + LMR/OHT	219.30
Rehab Building	Stilt floor, 1 to 7th residential floors, 8th and 15th refuge floors, 9th to 14th & 16-19th residential floors	67.00
School Building	Stilt + 7 floors + Terrace	29.55

It is noted that the project earlier considered in 117th (Day-1) Meeting held on 17-10-2019 & deferred with observations namely. 1) Committee noted that, PP has circulated the revised CS, PP to revise the same online also. 2) to submit the actual site photographs regarding construction done so far. 3) to ensure that school building should be as per RTE Act. 4) Committee noted that, one combine STP is proposed for rehab & school building which is located in the school premises. PP to relocate the same outside the school building compound. PP to submit & upload the design & cross section of STPs indicating minimum 40% area open to sky for adequate ventilation. 5) to submit the revised RG calculation. 6) to ensure that the solar energy saving should be minimum 2%. Accordingly, PP submitted the compliance which was taken on record.

The project proposal was deleberated on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the

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DECISION OF SEAC

After detailed deliberations, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

Specific Conditions by SEAC:

- 1) Committee noted that, PP have circulated the revised CS,PP to revised the same online also.
- 2) PP to explore measures to use maximum treated waste water to reduce disposal to 35%.
- 3) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 4) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

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

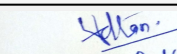
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Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

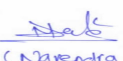
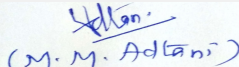
SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for Proposed Amendment & Expansion in EC for Commercial project at Plot No 130 of Worli Scheme No 52, CS No 1618 of Lower Parel division, Mumbai by Whispering Heights Real Estate Pvt. Ltd

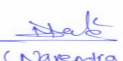

Is a Violation Case: No

1.Name of Project	M/s Whispering Heights Real Estate Pvt. Ltd
2.Type of institution	Private
3.Name of Project Proponent	M/s Whispering Heights Real Estate Pvt. Ltd
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd., Dr. D. A. Patil
5.Type of project	Commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Amendment & Expansion in EC for Commercial project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Obtained EC vide letter No. SEIAA-EC-000000397 dated: 1st September 2018 for total construction area 92,000 m2 having FSI area 38,870.17 m2 and Non-FSI area is 53,129.83 m2
8.Location of the project	Plot No 130 of Worli Scheme No 52, CS No 1618 of Lower Parel division, Mumbai
9.Taluka	Mumbai
10.Village	Mumbai
Correspondence Name:	M/s Whispering Heights Real Estate Pvt. Ltd
Room Number:	Plot No, C-30, Block G
Floor:	-
Building Name:	Bandra Kurla Complex, Bandra (E)
Road/Street Name:	-
Locality:	Bandra (E)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: CHE/CTY/1808/G/S/337(New) dated:01/12/2017 Approved Built-up Area: 50261
13.Note on the initiated work (If applicable)	Excavation and shore piling work under progress as per EC granted
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	11,996.96 m2
16.Deductions	763.07 m2
17.Net Plot area	11,232.93 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 75,543.37 m2
	b) Non FSI area (sq. m.): 86,602.63 m2
	c) Total BUA area (sq. m.): 162146
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 11,081.01 m2
	Approved Non FSI area (sq. m.): 39,180.23 m2
	Date of Approval: 01-12-2017
19.Total ground coverage (m2)	6,690.82 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	56 %
21.Estimated cost of the project	12678000000

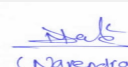
22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building 1	B +G+ 1st to 8th podium + Stilt + 35th upper floor (28th typical office floors + 5 Refuge/Office floors + 2 service floor)	191.82	
23.Number of tenants and shops	It is commercial project (Retail/Shop/ F & Q at ground & 1st (pt) level).			
24.Number of expected residents / users	7931 Nos.			
25.Tenant density per 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))	The project site is accessible by 27.00 m wide G.M Bhosale Marg on east side and 24.39 m wide Pandurang Budhkar Marg on North side and 12.20 m wide Ganpat Jadhav Marg on west side from project site.			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9 m			
29.Existing structure (s) if any	Existing structure demolished			
30.Details of the demolition with disposal (If applicable)	Structure already demolished and excavation activity in progress.			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

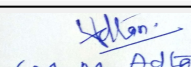
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Dry season:	Source of water	MCGM								
	Fresh water (CMD):	198 KLD								
	Recycled water - Flushing (CMD):	159 KLD								
	Recycled water - Gardening (CMD):	14 KLD								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	357 KLD								
	Fire fighting - Underground water tank(CMD):	As per NBC								
	Fire fighting - Overhead water tank(CMD):	As per NBC								
	Excess treated water	0 KLD								
Wet season:	Source of water	MCGM + RWH								
	Fresh water (CMD):	141 KLD								
	Recycled water - Flushing (CMD):	159 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	357 KLD								
	Fire fighting - Underground water tank(CMD):	As per NBC								
	Fire fighting - Overhead water tank(CMD):	As per NBC								
	Excess treated water	14 KLD								
Details of Swimming pool (If any)	NA									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

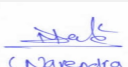

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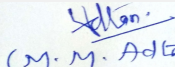

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SEAC-II)

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	3 to 4 m
	Size and no of RWH tank(s) and Quantity:	2 RWH Tanks with the total capacity of 175 m ³
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 40 Lakh
	Budgetary allocation (O & M cost) :	Rs. 20 Lakh/year
	Details of UGT tanks if any :	UG Tanks will be provided in Basements.
35. Storm water drainage	Natural water drainage pattern:	The slope of the area is towards North/West/ /East side.
	Quantity of storm water:	The storm water generation 1271.14 m ³ / hr
	Size of SWD:	SWD Drains: 450 mm, 600 mm and 1000 mm
Sewage and Waste water	Sewage generation in KLD:	337 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	Total 1 Nos of STP with the total capacity of 350 KLD.
	Location & area of the STP:	Basement Area of STP : 500 m ²
	Budgetary allocation (Capital cost):	Rs. 81 Lakh
	Budgetary allocation (O & M cost):	Rs 19 Lakh/year
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris: 4708 m ³
	Disposal of the construction waste debris:	The construction debris waste will be disposed as per Construction debris and demolition waste management Rule 2016
Waste generation in the operation Phase:	Dry waste:	635 kg/day
	Wet waste:	952 kg/day
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	3 KLD
	Others if any:	E-Waste: 4.9 Ton/Year


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Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated and disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	-
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	E-waste will be given to Authorized Vendor
Area requirement:	Location(s):	Basement
	Area for the storage of waste & other material:	60 m ²
	Area for machinery:	29 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 26 Lakh
	O & M cost:	Rs 10 Lakh/yr

37. Effluent Characteristics

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

38. Hazardous Waste Details

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


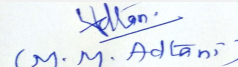
39. Stacks emission Details

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

40. Details of Fuel to be used

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

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

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43.Green Belt Development	Total RG area :	Total RG area Provided : 2808.23 m2
	No of trees to be cut :	Existing trees: 161 Nos., Trees to be cut: 43 Nos., Trees to be Transplant: 46 Nos., Trees to be Retained: 72 Nos.
	Number of trees to be planted :	Trees to be planted: 260 Nos.
	List of proposed native trees :	Given below
	Timeline for completion of plantation :	Within 2 years of completion of construction activity

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Alstonia scholaris	Pangara	25	As medicinal value, Bird and insect attractive.
2	Michelia Champaca	Chafa	25	Edible, mature fruit as medicinal value, Bird and insect attractive.
3	Nyctanthes arbortristis	Parijatak	25	As medicinal value, Bird and insect attractive.
4	Lagerstroemia flosregineae	Tamhan	30	Valued for its oil and insect repellent, having medicinal value.
5	Cassia fistula	Bahava	25	As medicinal value, Bird and insect attractive.
6	Azadirachta indica	Neem	25	Shady, large tree, ball shaped flowers.
7	Millettia pinnata	Karanj	30	Small tree with small white flowers, Butterfly host plant
8	Saraca asoka	Sita Asoka	25	Fruit tree attracting birds
9	Mimusops elegni	Bakul	50	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant

45.Total quantity of plants on ground

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

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

47.Energy

Power requirement:	Source of power supply :	BEST
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	500 kVA
	During Operation phase (Connected load):	12.16 MW
	During Operation phase (Demand load):	7.6 MW
	Transformer:	6 x 2500 KVA (4 Working + 2 Standby)
	DG set as Power back-up during operation phase:	6 x 2250 KVA (4 Working + 2 Standby)
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar lighting in landscape , Open area etc.
Solar PV Panels

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	> 20%

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 46 lakh
	O & M cost:	Rs 2.3 lakh/year

51. Environmental Management plan Budgetary Allocation

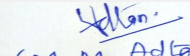
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	5
2	Site sanitation Facility and its maintenance	-	5
3	Potable Water Supply to Labour	-	4
4	Health Check-up & First aid	-	3


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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	-	81	19
2	Solar System	-	46	2.3
3	Rainwater harvesting	-	40	2
4	Solid Waste Composting plant	-	26	10
5	Landscape	-	22	2
6	Environmental Monitoring	-	-	4

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

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

52.Any Other Information

No Information Available

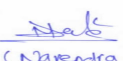
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The project site is accessible by 27.00 m wide G.M Bhosale Marg on east side and 24.39 m wide Pandurang Budhkar Marg on North side and 12.00 m wide Ganpat Jadhav Marg on west side from project site.
Parking details:	Number and area of basement:	1 Basement with 3896.34 m ² (Excluding service area)
	Number and area of podia:	8 Podium with 36,865.80 m ² (Excluding service area)
	Total Parking area:	Total Parking Area: 40,762.14 m ²
	Area per car:	35.79 m ²
	Area per car:	35.79 m ²
	Number of 2-Wheelers as approved by competent authority:	151 Nos
	Number of 4-Wheelers as approved by competent authority:	1139 Nos
	Public Transport:	6 Nos (Transport vehicle)
	Width of all Internal roads (m):	6 m Wide
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	-
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	-
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

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PP was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engineers Pvt. Ltd.,

PP informed that, the project under consideration is expansion residential project. *PP further stated that, the total plot area of the project is 11,996.96 Sq.mt. having total construction area 162146 Sq.mt. (FSI - 75,537.56 Sq.mt. + NON FSI- 86,608.44 Sq.mt.) and the building configuration is as follow-*

Building Name & number	Number of floors	Height Mtrs)
Building 1	B +G+ 1st to 8th podium + Stilt + 35th upper floor (28th typical office floors + 5 Refuge/Office floors + 2 service floor)	191.82

It is noted that, Project has received Environmental clearance vide letter dated 1st September 2018.


It is noted that the project earlier considered in 115th (Day-1) Meeting held on 04-10-2019 & ToR accorded for the same. Accordingly, PP submitted the compliance & EIA which was taken on record.

PP stated that, they have obtained EC vide letter dated 01.09.2018 for total construction area is 92,000 Sq.mt & as per Revised Sanctioned Development Control & Promotion Regulation of MCGM 2034 (DCPR-2034) basic plot potential is enhanced upto 5 (FSI) and hence submitted for amendment. PP further stated that, at present the work of tower portion upto plinth is completed as per earlier EC granted.

The project proposal was deliberated on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements,

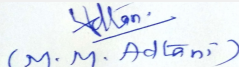
DECISION OF SEAC

record.


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After detailed deliberations, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

Specific Conditions by SEAC:

- 1) PP to ensure that, plantation strip of 1.5 mt provided as per clause 27 of DCR should not be misused for parking.
- 2) PP to abide the all conditions laid in the CFO NoC dated 17/11/2019 & may be issued by time to time.
- 3) PP to retain STP with zero discharge.
- 4) PP to upload the HRC NoC.
- 5) PP to explore to provide opening to have more lux in passage.
- 6) PP to upload the measures provided to achieve comfortable level of wind.
- 7) PP to provide Fire hydrants along with necessary equipment on top of the podium and separate stair case which go direct to the podium for fire man.
- 8) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 9) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

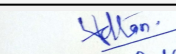
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions


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SEAC-II)

Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)


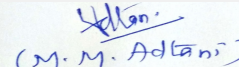
SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for Expansion of Residential cum Commercial project "Atmosphere" at CTS no. 784/1, 785, 786, 788, 790, 791, 792A, 793 & 848 of village Nahur, Mumbai by M/s. Atmosphere Realty Pvt. Ltd

Is a Violation Case: No

1.Name of Project	Expansion of Residential cum Commercial project "Atmosphere"
2.Type of institution	Private
3.Name of Project Proponent	M/s. Atmosphere Realty Pvt. Ltd.
4.Name of Consultant	M/s. Enviro Analysts and Engineers Pvt. Ltd.
5.Type of project	Residential cum Commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance received dated 12th March 2018 for a built up area of 2,60,976.70 Sq.m
8.Location of the project	CTS no. 784/1, 785, 786, 788, 790, 791, 792A, 793 & 848 of village Nahur, Mumbai
9.Taluka	Kurla
10.Village	Nahur
Correspondence Name:	Mr. Navin Makhija
Room Number:	808
Floor:	8
Building Name:	Krushal Commercial Complex
Road/Street Name:	G.M. Road
Locality:	Chembur (West)
City:	Mumbai 400 089
11.Whether in Corporation / Municipal / other area	MCGM
12.IOD/IOA/Concession/Plan Approval Number	IOD received from MCGM & Concession put up for approval dated 23/09/2019
	IOD/IOA/Concession/Plan Approval Number: Blgg I- CHE/ES/1320/T/337 Blgg II- CHE/ES/1321/T/337(New)-Amend (2)
	Approved Built-up Area: 59762.18
13.Note on the initiated work (If applicable)	Yes. Construction work is going on as per previous EC dated 12/3/2018.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	55,509.50 sq.m
16.Deductions	14859.64 sqm
17.Net Plot area	40649.87 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 137110.41
	b) Non FSI area (sq. m.): 152042.70
	c) Total BUA area (sq. m.): 289153.11
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 59762.18
	Approved Non FSI area (sq. m.): 120597.39
	Date of Approval: 06-06-2018
19.Total ground coverage (m2)	18270.52 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	42.50 %
21.Estimated cost of the project	1750000000

22.Number of buildings & its configuration

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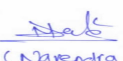
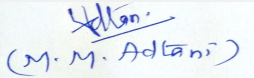
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building I: Wing A, B, C	2B + St + 1st Podium + 2nd to 4th (Pt) Podiums + 5th to 43rd Floors with fire check floor between 21st & 22nd Floor and G + 2nd (Pt.) Amenity block with Club- house on podium top	141.35 m
2	Building II: Wing D, E,F	2B+.St+1st (pt) to 3rd (pt)+ 4th to 47th Upper floors with parking bldg having 2B +St + 1st and 2nd Podium + 3rd Podium for recreational ground having G + 1 club house	153.05 m
3	Building II: Wing G	2B+.St+1st (pt) to 3rd (pt) floors with parking bldg having 2B +St + 1st and 2nd Podium + 3rd Podium for recreational ground having G + 1 club house	13.65 m
4	Building II: Commercial	2B + Gr. + 1st to 18th floor	63.90 m
5	-	-	-
6	-	-	-

23.Number of tenants and shops	Residential Building I: 721 no's Residential Building II: 733 no's Commercial: 355 no's
24.Number of expected residents / users	Residential Building I: 3605 no's Residential Building II: 4057 no's Commercial (office): 1390 no's, Staff: 30 no's, Visitors & floating population: 70 no's, total -9152 nos
25.Tenant density per hectare	257/hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Mulund Goregoan Link Road - 47 m wide
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Construction started as per EC dated 12/3/2018
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

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Dry season:	Source of water	MCGM/Recycled water from STP							
	Fresh water (CMD):	694 KLD							
	Recycled water - Flushing (CMD):	358 KLD							
	Recycled water - Gardening (CMD):	143 KLD							
	Swimming pool make up (Cum):	10 KLD							
	Total Water Requirement (CMD) :	1195 KLD							
	Fire fighting - Underground water tank(CMD):	Building I: 2 tanks having total capacity 400 cum Building II: 2 tanks having total capacity 300 cum Commercial: 2 tanks having total capacity 200 cum							
	Fire fighting - Overhead water tank(CMD):	Building I: 3 tanks having capacity 150 cum Building II: Wing D, E, F, G: 4 tank having total capacity 200cum Commercial: 1 tank having total capacity 30 cum							
	Excess treated water	347 KLD							
Wet season:	Source of water	MCGM/Recycled water from STP,RWH							
	Fresh water (CMD):	694 KLD							
	Recycled water - Flushing (CMD):	358 KLD							
	Recycled water - Gardening (CMD):	0 KLD							
	Swimming pool make up (Cum):	10 KLD							
	Total Water Requirement (CMD) :	1052KLD							
	Fire fighting - Underground water tank(CMD):	Building I: 2 tanks having total capacity 400 cum Building II: 2 tanks having total capacity 300 cum Commercial: 2 tanks having total capacity 200 cum							
	Fire fighting - Overhead water tank(CMD):	Building I: 3 tanks having capacity 150 cum Building II: Wing D, E, F, G: 4 tank having total capacity 200cum Commercial: 1 tank having total capacity 30 cum							
	Excess treated water	490 KLD							
Details of Swimming pool (If any)	1 no of swimming pool								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3m below ground level
	Size and no of RWH tank(s) and Quantity:	Building I: • 2 no's of tanks having total capacity 140 cum Building II: • Wing D, E, F: 2 nos of tanks having total capacity 150 cum • Wing G: 2 nos of tanks having total capacity 16 cum • Commercial: 2 nos of tanks having total capacity 56 cum
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	70 lakh
	Budgetary allocation (O & M cost) :	3 lakh
Details of UGT tanks if any :	<p>Building I:</p> <ul style="list-style-type: none"> • Capacity of Domestic water Tank: 324 cum • Capacity of flushing water Tank: 162 cum • Capacity of fire water Tank: 400 cum <p>• Building II:</p> <ul style="list-style-type: none"> • Wing D, E, F: 3 no's of Domestic water tanks having total Capacity of: 300 cum • Wing G: 1 no of domestic water tank having total capacity: 10 cum • 2 no's of fire water tanks having total Capacity: 300 cum • 1 no of fire water tanks having total Capacity: 150 cum <p>Commercial:</p> <ul style="list-style-type: none"> • 2 no's of fire water tanks having total Capacity: 200 cum • 1 no's of domestic water tank having total Capacity: 35 cum 	
35.Storm water drainage	Natural water drainage pattern:	Connected to main sewer line
	Quantity of storm water:	0.785 cum/sec
	Size of SWD:	width 0.6 m × depth 1.0 m
Sewage and Waste water	Sewage generation in KLD:	982 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	Building I: 400 KLD Building II: 550 KLD Commercial: 80 KLD Total-1030 KLD
	Location & area of the STP:	On below ground level
	Budgetary allocation (Capital cost):	Rs. 180 lakh
	Budgetary allocation (O & M cost):	Rs. 12 lakh/year
36.Solid waste Management		

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Recycle waste will be generated like empty cement bags, scrap materials etc. Debris and construction waste shall be generated.
	Disposal of the construction waste debris:	Top soil to be preserved for landscaping, scrap material and other recyclable material like empty cement bags and empty paint cans to be sold to recyclers. Broken tiles to be used as china mosaic for terrace.
Waste generation in the operation Phase:	Dry waste:	1780 Kg / Day
	Wet waste:	2405 Kg / Day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	44 Kg / Day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	To be handed over to Authorized vendor
	Wet waste:	Shall be treated in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Shall be used as manure
	Others if any:	NA
Area requirement:	Location(s):	Ground level
	Area for the storage of waste & other material:	205 sqm
	Area for machinery:	3 sqm for each machine
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20 lakh
	O & M cost:	4 lakh/year

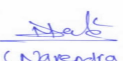

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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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

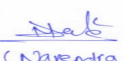

41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	On Ground: 8154.88 sq.m On Podium: 4639.73 sq.m Total: 12794.61 sq.m
	No of trees to be cut :	nil
	Number of trees to be planted :	683 no's
	List of proposed native trees :	As noted below
	Timeline for completion of plantation :	till end of construction phase

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem Tree	51	Native tree has medicinal value
2	Anthocephalus cadamba	Kadamb tree	41	Evergreen tropical
3	Bombax cieba	Semal	43	Deciduous tall tree with red flowers
4	Alzibiz lebbeck	Shirish	41	White flowered tree has medicinal value
5	Maginefera indica	Amba	17	Tree has both food and medicinal value
6	Delonix regia	Gulmohar	41	Red flowered ornamental tree
7	Putrajiva roxburji	Putrajeevax	48	Evergreen tree has medicinal value
8	Michelia Champa	Sonchafa	51	Fragrant flowering tree
9	Cassia fisulata	Bhava	49	Deciduous yellow flowering tree has medicinal value
10	Tabebuia argentic	Silver trumpet tree	36	Showy Tropical has flowering tree
11	Largestroemia speciosa	Jarul	45	Deciduous tropical flowering tree
12	Erythrina indica	Mandar /pangara	43	Spiny deciduous tree
13	Mimusops elengi	Bakul	61	Evergreen tree has both food and medicinal value
14	Saraca asoca	Ashoka Tree	82	Evergreen tree has both food and medicinal value

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45.Total quantity of plants on ground

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

Serial Number	Name	C/C Distance	Area m2
1	Dypsis lutescens	--	--
2	Caryota urens	--	--
3	Roystonea regia	--	--
4	Phoenix dectilifera	--	--

47.Energy

Power requirement:	Source of power supply :	Tata /Adani power
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	21636 kW
	During Operation phase (Demand load):	8555 kW
	Transformer:	-
	DG set as Power back-up during operation phase:	Building I: 2 × 750 kVA Building II: 2 × 630 kVA Commercial: 1 x 500 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Common area lighting, street lighting and landscape lighting on LED


- Use of electronic ballast instead of copper ballast
- Providing timers for common area lighting
- Use of hydro- pneumatic pumping system/ventilation & lifts with VFD drives and soft starter
- Use of BEE star rated pumps
- Use of APFC panels
- Use of solar water heater panels
- Provision of Solar system for Common area lighting, street lighting and landscape lighting

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total % Saving	Building I: 23.23 % Building I: 21.64 % Commercial: 20.6 %

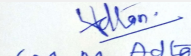
50.Details of pollution control Systems

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


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-	-	-
-	-	-
-	-	-

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	200 lakh
	O & M cost:	11 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	Air Environment	Water sprinkler, green belt	3
2	Noise Environment	Noise Barricades and Green belt development	2
3	Water Environmental	Modular STP, Drainage with sedimentation tanks	4
4	Good Health Practices	Site Sanitation, Health care	2
5	Environment Monitoring	Air, Water Noise monitoring during construction	2

b) Operation Phase (with Break-up):


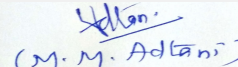
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	STP	180	12
2	Water Environment	RWH	70	3
3	Landscaping	Gardening	100	10
4	Solid Waste Management	OWC	20	4
5	DMP	Firefighting equipment	760	39
6	Energy	Energy saving	200	11

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

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

52.Any Other Information

No Information Available


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53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	3 no's of entry/exit
Parking details:	Number and area of basement:	2 no's of Basement
	Number and area of podia:	1 no of Podium
	Total Parking area:	--
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	205 nos
	Number of 4-Wheelers as approved by competent authority:	Building I: Provided Parking: 1041 nos Building II: Provided Parking: 1387 nos Commercial: Provided Parking: 221 nos
	Public Transport:	NA
	Width of all Internal roads (m):	> 7.50 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	2.00 km from ESZ boundary of SGNP boundary as per notification dated 5th Dec, 2016
	Category as per schedule of EIA Notification sheet	8 b (B)
	Court cases pending if any	-
	Other Relevant Informations	Bldg. I has received OC
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

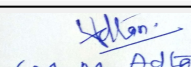
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-


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Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	

SEAC-AGENDA-000000366

Representative of PP Mr. Abhay was present during the meeting along with environmental consultant M/s. Enviro Analysts and Engineers Pvt. Ltd.

PP informed that, the project under consideration is expansion of residential cum commercial Project. *PP further stated that, the total plot area of the project is 55,509.50Sq.mt. having total construction area 289153.11Sq.mt. (FSI - 137110.41Sq.mt. + NON FSI- 152042.70Sq.mt.) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)
Building I: Wing A, B, C	2B + St + 1st Podium + 2nd to 4 th (Pt) Podiums + 5th to 43rd Floors with fire check floor between 21 st & 22nd Floor and G + 2nd (Pt.) Amenity block with Club- house on podium top	141.35 m
Building II: Wing D, E,F	2B + St. + 1st to 47th floor with detached parking building having 2B + St. + 1st & 2nd Podium having Club house on podium top	153.05 m
Building II: Wing G	2B + St. + 1st to 5th floor	19.85 m
Building II: Commercial	2B + Gr. + 1st to 18th floor	1. 90.

It is noted that, Project has received Environmental clearance vide letter dated 12/3/2018 for total built up area 2,60,976.70Sq.mt. PP stated that there is no change in building I as per EC received, it remains same whereas Amendment is proposed in Building II (Wing D to G) including additional wing (commercial). PP further stated that for Building I (Wings A,B,C), they have received OC. Construction work for Building II (Wings D,E,F,G,H) has not started so far. The total construction work done on site till date is 1,21,969.39 sq.mt

It is noted that the project earlier considered in 117th (Day-2) Meeting held on 18-10-2019 & deferred with observations namely. 1) Committee noted that, PP has circulated the revised CS, PP to revise the same online also. Accordingly, PP submitted the compliance which was taken on record.

The project proposal was deliberated on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is

under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.

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DECISION OF SEAC

After detailed deliberations, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

Specific Conditions by SEAC:

- 1) Committee noted that, PP have circulated the revised CS,PP to revised the same online also.
- 2) PP to upload the HRC NoC.
- 3) PP to explore the possibility to increase the solar energy saving from 1.5 % to 3%.
- 4) PP to upload the SWD remarks.
- 5) PP to ensure that nalla not to cover with cement slab but can be covered by grating of suitable strength.
- 6) PP to upload the note regarding efficient light result & also to list down the mitigation measures provided for the same.
- 7) PP to abide the all conditions laid in the Nalla remarks received vide letters dated 22/10/2014,25/3/2015 & 24/11/2015.
- 8) PP to abide the all conditions laid in the CFO NoC dated 19/8/2019.
- 9) PP to provide Fire hydrants along with necessary equipment on top of the podium and separate stair case which go direct to the podium for fire man.
- 10) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 11) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

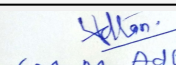
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions


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Shri M.M.Adtani (Chairman
SEAC-II)

Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)


SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for Environment Clearance for Proposed Residential and commercial development

Is a Violation Case: No

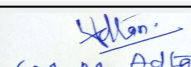
1.Name of Project	Proposed Residential and commercial development
2.Type of institution	Private
3.Name of Project Proponent	Godrej Projects Development Limited
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Redevelopment Project
6.New project/expansion in existing project/modernization/diversification in existing project	NEW PROJECT
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot Bearing CTS. No 673, 673/1 to 20 and 783
9.Taluka	Chembur East
10.Village	Borla
Correspondence Name:	Mr. Uday Chitnis, Mr. Amitesh Shah, Mr. Priyamvada Navet
Room Number:	0
Floor:	6th floor
Building Name:	Godrej One
Road/Street Name:	Eastern Express Highway
Locality:	Vikhroli East
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Mumbai
12.IOD/IOA/Concession/Plan Approval Number	To be applied
	IOD/IOA/Concession/Plan Approval Number:
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	To be applied
15.Total Plot Area (sq. m.)	7872
16.Deductions	139
17.Net Plot area	7733
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 23488
	b) Non FSI area (sq. m.): 21512
	c) Total BUA area (sq. m.): 45000
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 13-05-2019
19.Total ground coverage (m2)	5342
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	69.08
21.Estimated cost of the project	3700000000

22.Number of buildings & its configuration


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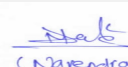
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	TOWER 1	2 Basements + 2 Floor Retail + 1 Stilt +1 Podium + 16 Residential Floors + Terrace	70	
2	TOWER 2	2 Basements + 2 Floor Retail + 1 Stilt +1 Podium + 9 Residential Floors + Terrace	46	
3	TOWER 3	2 Basements + 2 Floor Retail + 1 Stilt +1 Podium + 16 Residential Floors + Terrace	70	
23.Number of tenants and shops		Residential: 162 nos. Shops: 18 nos.		
24.Number of expected residents / users		Occupant in apartment: 960 nos. Occupant for retail: 36 nos.		
25.Tenant density per hectare		205		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		36 m wide existing road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9m		
29.Existing structure (s) if any		R.K Studio		
30.Details of the demolition with disposal (If applicable)		As per Solid waste management rules will be disposed off to authorized site		
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				

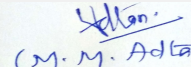
Dry season:	Source of water	MCGM + STP recycled water							
	Fresh water (CMD):	120							
	Recycled water - Flushing (CMD):	65							
	Recycled water - Gardening (CMD):	8							
	Swimming pool make up (Cum):	13							
	Total Water Requirement (CMD) :	206							
	Fire fighting - Underground water tank(CMD):	300 KLD							
	Fire fighting - Overhead water tank(CMD):	10 KLD FOR EACH TOWER.							
	Excess treated water	74 KLD							
Wet season:	Source of water	MCGM + STP recycled water							
	Fresh water (CMD):	120							
	Recycled water - Flushing (CMD):	65							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	13							
	Total Water Requirement (CMD) :	198							
	Fire fighting - Underground water tank(CMD):	300 KLD							
	Fire fighting - Overhead water tank(CMD):	10 KLD FOR EACH TOWER.							
	Excess treated water	167 KLD							
Details of Swimming pool (If any)	16.7 M X 8.7 M CAPACITY - 175 M3								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5M
	Size and no of RWH tank(s) and Quantity:	01 NO TANK OF CAPACITY- 86 M3
	Location of the RWH tank(s):	IN BASEMENT 1
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	20 LAKHS
	Budgetary allocation (O & M cost) :	1 Lakh
	Details of UGT tanks if any :	FOR ROOF RAINWATER HARVESTING TANK IS PROPOSED FOR 2 DAYS STORAGE AS PER MoEF NORMS IN BASEMENT 1
35.Storm water drainage	Natural water drainage pattern:	WILL BE MAINTAINED
	Quantity of storm water:	70 LPS SURAFCE RUNOFF IS GENERATED @50 MM/HR
	Size of SWD:	450 MM WIDE SWD CHANNEL TO BE PROVIDED FOR SURFACE RUNOFF
Sewage and Waste water	Sewage generation in KLD:	162 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	01 No. & 162 KLD
	Location & area of the STP:	Below Ground AREA 138 M2
	Budgetary allocation (Capital cost):	Rs. 20 LAKHS
	Budgetary allocation (O & M cost):	Rs. 1.5 Lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris
	Disposal of the construction waste debris:	Disposal of construction waste will be as per Construction and Demolition and De-silting Waste (Management and Disposal) Rules 2006 at the designated site as directed by the MCGM.
Waste generation in the operation Phase:	Dry waste:	330 Kg/day
	Wet waste:	261 Kg/day
	Hazardous waste:	0
	Biomedical waste (If applicable):	0
	STP Sludge (Dry sludge):	8 Kg/day
	Others if any:	NA


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Mode of Disposal of waste:	Dry waste:	Will be handed over to authorize vendors
	Wet waste:	Wet Garbage will be treated in Mechanical Composting Unit. Organic Waste Converter (OWC) and the compost generated would be used as manure for gardening purpose and excess would be sold to authorize vendors.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dry sludge would be used as manure for gardening purpose and excess would be sold to authorize vendors.
	Others if any:	NA
Area requirement:	Location(s):	Below Ground
	Area for the storage of waste & other material:	Area 50 Sq. m
	Area for machinery:	50 sq.m including area for machinery
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 10 Lakh
	O & M cost:	Rs. 1 Lakh

37. Effluent Characteristics

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

38. Hazardous Waste Details

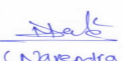

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

40. Details of Fuel to be used

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

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

43.Green Belt Development	Total RG area :	1408 Sq. m
	No of trees to be cut :	0
	Number of trees to be planted :	70
	List of proposed native trees :	Given In table 45
	Timeline for completion of plantation :	After Completion of construction work

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


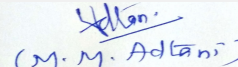
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saraca asoka	Sita Ashok	7	Shady tree with red-yellow flowers
2	Mimusops elengi	Bakul	5	Shady Tree, white fragrant flowers
3	Azadiracta indica	Neem	6	Large Tree with medicinal value
4	Nyctanthes arbortristis	Parijatak	5	Large tree, good for roadside plantation
5	Anthocephallus cadamba	Kadamb	5	Shady, large tree, ball shaped flowers.
6	Mesua ferrea	Nagkesur	8	widely cultivated as an ornamental due to its graceful shape, grayish-green foliage
7	Michelia champaca	Champaka	7	large evergreen tree
8	Lagestroemia speciosa	Taman	9	Medium-sized tree, with smooth, flaky bark. leaves are deciduous
9	Ficus glomerata	Umber	2	Evergreen and deciduous tree
10	Ficus bengalensis	Wad	1	Fruit bearing evergreen tree
11	Ficus religiosa	Pimpal	1	Dust Resistant and Local Variety
12	Terminalia crenulata	Ain	4	deciduous tree
13	Cocos nucifera	Coconut	3	Fruit bearing evergreen tree
14	Emblica officinalis	Awla	2	fruits used for preventative and therapeutic purposes
15	Phoenix dactylifera	Khajur	2	flowering plant species
16	Plumeria	Chafa	2	Flower bearing deciduous tree
17	Bathinia purpurea	Kanchan	1	medium-sized deciduous fast-growing

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	NIL	0	0

47.Energy

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Power requirement:	Source of power supply :	TATA/ADANI
	During Construction Phase: (Demand Load)	400 KW
	DG set as Power back-up during construction phase	150 KW
	During Operation phase (Connected load):	3128 KW
	During Operation phase (Demand load):	1674 KW
	Transformer:	(2x1000 & 1x630) kVA dry type transformer
	DG set as Power back-up during operation phase:	1no. 1250 kVA for common area load only
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

48. Energy saving by non-conventional method:

Solar PV System

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Common area lighting i.e. Staircase, Corridor, Lift shaft, Electrical & ELV shaft etc. on solar PV	10 %

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. 25 lacs
	O & M cost:	Rs. 2 lacs

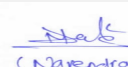
51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water Environment	Drinking water	2
2	Health	Sanitation, Health check up	15
3	Air Environment	Water for dust suppression	5

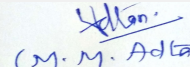
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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1	STP & Sewerage network	MBBR	20	1.5
2	RWH System	RWH tanks	20	1
3	Environmental Monitoring	-	0	1.5
4	Solid Waste Management	OWC	10	1
5	Solar Installation	Solar Panel	20	1
6	Landscaping	-	25	2

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


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

52.Any Other Information

No Information Available

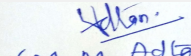
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Existing 36 meter DP Road
Parking details:	Number and area of basement:	2 Basement of 5342 Sq.m each
	Number and area of podia:	1 Podium of 2132 Sq.m
	Total Parking area:	12815 Sq.m
	Area per car:	30 Sq.m
	Area per car:	30 Sq.m
	Number of 2-Wheelers as approved by competent authority:	0
	Number of 4-Wheelers as approved by competent authority:	373
	Public Transport:	MCGM Public Transport
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	NA


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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Category 'B' 8(a) { Building and Construction projects = 20,000 sq. m. and <1,50,000 sq. m. of built-up area }
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

SEAC-AGENDA-0000000366

PP was present during the meeting along with environmental consultant M/s. Aditya Environmental Services Pvt. Ltd.


PP informed that, the project under consideration is new residential cum retail project. *PP further stated that, the total plot area of the project is 7795.31 Sq.mt. having total construction area 44,655.13 Sq.mt. (FSI - 23,656.22 Sq. mt. + NON FSI- 20,998.91Sq.mt.) and the building configuration is as follow-*

Building Name & number	Number of floors
TOWER 1	3 Basements + Ground Floor + 15 upper floors
TOWER 2	3 Basements + Ground Floor + 14 upper floors
TOWER 3	3 Basements + Ground Floor + 14 upper floors

It is noted that the project earlier considered in 116th (Day-2) Meeting held on 11-10-2019 & deferred with observations namely- 1) to upload the full time employment certificate of the person representing the PP. 2) Committee noted that, PP have circulated the revised CS,PP to revised the same online also. 3) to mark the road level along with storm water drainage level on contour map. 4) to submit the clear DP remark plan showing clear plot boundary. 5) Committee noted that, there is inconsistency in the figures of major parameters, it is not possible to apprise at this stage. PP to come up with final plan. Accordingly, PP submitted the compliance which was taken on record.

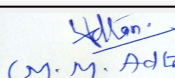
The project proposal was deliberated on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the

DECISION OF SEAC


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After detailed deliberations, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

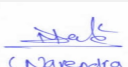
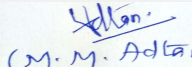
Specific Conditions by SEAC:

- 1) Committee noted that, PP have circulated the revised CS,PP to revised the same online also.
- 2) PP to abide the all conditions laid in the CFO NoC dated 16/10/2019.
- 3) PP to obtain the NoC from Petroleum and Explosives Safety Organisation (PESO) for DG set, if required.
- 4) PP to upload the design & cross section of STPs indicating minimum 40% area open to sky for adequate ventilation.
- 5) PP to upload the sewerage network, water supply, storm water drain NOC from local planning authority.
- 6) PP to ensure that RG for this project will be maintained as per DCR.
- 7) PP to explore measures to use maximum treated waste water to reduce disposal to 35%.
- 8) PP to explore the possibility to increase the solar energy saving to 5%.
- 9) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 10) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

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

SEAC-AGENDA-00000000560

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Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for Proposed Vertical Expansion of Children Hospital at Lower Parel Division, Hornby Vellard Estate Scheme, Mumbai

Is a Violation Case: No

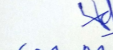
1.Name of Project	Proposed Vertical Expansion of Children Hospital at Lower Parel Division, Hornby Vellard Estate Scheme, Mumbai
2.Type of institution	Private
3.Name of Project Proponent	M/s. Society for Rehabilitation of Crippled Children
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	Vertical Expansion of Children Hospital
6.New project/expansion in existing project/modernization/diversification in existing project	Vertical Expansion of Children Hospital
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Received CRZ NOC dated 04.01.2007 and 23.11.2010. Received Occupancy certificate for Wing 1 dt. 25.09.2009; Received Part Occupancy certificate for Wing 2 dt. 18.2.2017
8.Location of the project	Plot bearing C.S. No. 5/47 (pt), 47(pt) of Lower Parel Division, Plot no. 10 Hornby Vellard Estate Scheme, Mumbai
9.Taluka	Mumbai
10.Village	Lower Parel
Correspondence Name:	M/s. Society for Rehabilitation of Crippled Children
Room Number:	--
Floor:	--
Building Name:	Society for Rehabilitation of Crippled Children, Children Orthopedic Hospital
Road/Street Name:	Plot No. 10
Locality:	Haji Ali
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12.IOD/IOA/Concession/Plan Approval Number	Amended IOD Plan Approval Number: EB/2130/GS/A dated 17.01.2018 IOD/IOA/Concession/Plan Approval Number: Amended IOD Plan Approval Number: EB/2130/GS/A dated 17.01.2018 Approved Built-up Area: 17723.07
13.Note on the initiated work (If applicable)	Total constructed work (FSI+ Non FSI): 19979.58 Sq. mt.; Received Occupancy certificate for Wing 1 dt. 25.09.2009; Received Part Occupancy certificate for Wing 2 dt. 18.2.2017
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	--
15.Total Plot Area (sq. m.)	7352.80 Sq. mt.
16.Deductions	--
17.Net Plot area	7352.80 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 20254.17 Sq. mt. b) Non FSI area (sq. m.): 3230.93 Sq. mt. c) Total BUA area (sq. m.): 23485.10
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 17723.07 Sq. mt. Approved Non FSI area (sq. m.): 3230.93 Sq. mt. Date of Approval: 17-01-2018
19.Total ground coverage (m2)	4204.14 Sq. mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57 %
21.Estimated cost of the project	1038800000


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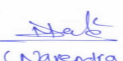
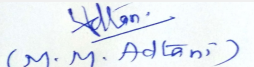
22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 Hospital Building with 2 Wings	--	--
2	Wing 1	Ground + 5 Floors	20.70 mt. (up to terrace level)
3	Wing 2	Basement + Ground + 1st to 3rd Floor + 4th (Pt) Floor	20.60 mt. (up to terrace level)
23. Number of tenants and shops	Wing 1: Rehabilitation center Wing 2: 233 Beds		
24. Number of expected residents / users	Floating population - Wing 1: 278 Nos. Wing 2: 467 Nos.		
25. Tenant density per 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))	18.30 mt. wide Kesharao Khadye Marg		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Average 8.00 mt.		
29. Existing structure (s) if any	Wing 1: Occupied and Wing 2: Completed and Occupied up to 3rd floor		
30. Details of the demolition with disposal (If applicable)	Not applicable		

31. Production Details


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

32. Total Water Requirement

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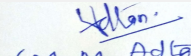
Dry season:	Source of water	M.C.G.M./Tanker water								
	Fresh water (CMD):	184 (Domestic: From M.C.G.M.= 146 and Cooling tower make up water: From tanker water = 38 KLD)								
	Recycled water - Flushing (CMD):	171 (Flushing = 75 KLD And Cooling tower make up water = 96 KLD)								
	Recycled water - Gardening (CMD):	2 KLD								
	Swimming pool make up (Cum):	Not Applicable								
	Total Water Requirement (CMD) :	357 KLD								
	Fire fighting - Underground water tank(CMD):	304 Cum								
	Fire fighting - Overhead water tank(CMD):	36 Cum								
	Excess treated water	0								
Wet season:	Source of water	M.C.G.M./Tanker water/ RWH tank								
	Fresh water (CMD):	182 (Domestic: From M.C.G.M.= 146 and Cooling tower make up water: From tanker water = 36 KLD)								
	Recycled water - Flushing (CMD):	173 (Flushing = 75 KLD And Cooling tower make up water = 98 KLD)								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	Not Applicable								
	Total Water Requirement (CMD) :	355 KLD								
	Fire fighting - Underground water tank(CMD):	304 Cum								
	Fire fighting - Overhead water tank(CMD):	36 Cum								
	Excess treated water	0								
Details of Swimming pool (If any)	Not Applicable									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	--	--	--	--	--	--	--	--	--	

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2.0 mt. below ground level
	Size and no of RWH tank(s) and Quantity:	Rain Water Harvesting tank of capacity 138 KL for Wing 2
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	Rs. 16.80 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.75 Lacs/annum
	Details of UGT tanks if any :	Wing 1: Underground Wing 2: Basement
35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged into the external SWD
	Quantity of storm water:	0.18 m ³ /sec
	Size of SWD:	450 mm dia with slope 1:300
Sewage and Waste water	Sewage generation in KLD:	192 KLD
	STP technology:	MBBR (Moving Bed Bio Reactor)
	Capacity of STP (CMD):	One STP of 200 KL
	Location & area of the STP:	Basement
	Budgetary allocation (Capital cost):	Rs. 38.50 Lacs
	Budgetary allocation (O & M cost):	Rs. 15.86 Lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	--
	Disposal of the construction waste debris:	Construction waste which shall be generated during construction activity shall be partly recycled and remaining shall be disposed to authorized landfill site with permission of M.C.G.M.
Waste generation in the operation Phase:	Dry waste:	45 kg/day
	Wet waste:	30 kg/day
	Hazardous waste:	5 kg/day
	Biomedical waste (If applicable):	88 kg/day
	STP Sludge (Dry sludge):	29 kg/day
	Others if any:	--


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Mode of Disposal of waste:	Dry waste:	To Authorized recyclers
	Wet waste:	Treatment in Organic Waste Converter (OWC)
	Hazardous waste:	Agreement with SMS Envoclean Pvt. Ltd for disposal
	Biomedical waste (If applicable):	Agreement with SMS Envoclean Pvt. Ltd. for disposal as per Bio-Medical Waste Management Rules, 2016
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	--
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	5 Sq. mt. Bio-medical waste storage, 10 Sq.mt. for other Municipal waste
	Area for machinery:	10 Sq.mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 5.20 Lacs
	O & M cost:	Rs. 3.08 Lacs /annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

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


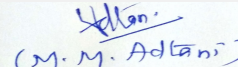
39. Stacks emission Details

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

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	--	--	--

41. Source of Fuel	--
42. Mode of Transportation of fuel to site	--

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43.Green Belt Development	Total RG area :	1502.48 Sq. mt.
	No of trees to be cut :	Cut trees: 12 nos.
	Number of trees to be planted :	32 nos. of trees are already planted on site
	List of proposed native trees :	--
	Timeline for completion of plantation :	Already done

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	--	--	--	--

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

Power requirement:	Source of power supply :	Brihan Mumbai Electric Supply & Transport (BEST)
	During Construction Phase: (Demand Load)	--
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	4129 KW
	During Operation phase (Demand load):	1320 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	2 D.G. Sets of capacity 750 kVA each
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

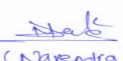

48.Energy saving by non-conventional method:

- ? Provision of fluorescent fittings
- ? Provision of LED lights
- ? Provision of Solar water heating system

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
---------------	------------------------------	----------

1	Total energy saving	23 %		
50.Details of pollution control Systems				
Source	Existing pollution control system	Proposed to be installed		
Sewage	STP	--		
Solid waste	OWC	--		
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30.00 Lacs		
	O & M cost:	Rs. 0.25 Lacs/annum		
51.Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	Air Environment	Dust Suppression	1.44	
2	Air Environment	Air & Noise Quality Monitoring -By outside MoEF Approved Laboratory	0.44	
3	Air Environment	Air & Noise Quality Monitoring -Sensors for Air quality & Noise level monitoring	11.00	
4	Water Environment	Drinking water analysis	0.06	
5	Land Environment	Site Sanitation	5.00	
6	Health & Hygiene	Disinfection- Pest Control	2.40	
7	Health & Hygiene	Health Check Up of workers	1.80	
8	Disaster Management	--	10.00	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR & NOISE ENVIRONMENT	Cost for Ambient Air quality & Noise Monitoring- By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.22
2	AIR & NOISE ENVIRONMENT	Cost for Ambient Air quality & Noise Monitoring - On site sensors	No set up cost is involved as already considered Construction Phase	0.50
3	AIR & NOISE ENVIRONMENT	Cost for DG Stack Exhaust Monitoring	No set up cost is involved	0.10
4	AIR & NOISE ENVIRONMENT	Cost for Plantation	3.00	0.25
5	WATER ENVIRONMENT	Cost for Sewage Treatment Plant	38.50	6.00

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6	WATER ENVIRONMENT	Cost for water & waste water Monitoring - By outside MoEF & CC Approved Laboratory	No set up cost is involved	9.86
7	WATER ENVIRONMENT	Cost for RWH tanks	13.80	0.69
8	WATER ENVIRONMENT	Cost for Rainwater Monitoring	No set up cost is involved	0.05
9	LAND ENVIRONMENT	Cost for Treatment of biodegradable garbage	5.20	3.00
10	LAND ENVIRONMENT	Cost for Monitoring of OWC manure	No set up cost is involved	0.08
11	ENERGY CONSERVATION	Use of renewable energy - Solar system	30.00	0.24
12	DISASTER MANAGEMENT	--	205.00	112.50

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

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

52.Any Other Information

No Information Available

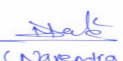

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	One entry and exit
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Parking details:	Number and area of basement:	One Basement
	Number and area of podia:	Not Applicable
	Total Parking area:	2900.00 Sq. mt.
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	138 Nos. (Including Ambulance and Handicapped parking (2 nos.))
	Public Transport:	Ambulance and Handicapped parking
	Width of all Internal roads (m):	Minimum 6.00 mt.
CRZ/ RRZ clearance obtain, if any:	Received CRZ NOC dated 04.01.2007 and 23.11.2010 (CRZ NOC attached as Enclosure in Forms)	
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Arabian Sea: 60 mt.	
Category as per schedule of EIA Notification sheet	Category 8 (a)	
Court cases pending if any	Nil	
Other Relevant Informations	--	
Have you previously submitted Application online on MOEF Website.	Yes	
Date of online submission	23-05-2018	

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-

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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

SEAC-AGENDA-0000000366

Representative of PP was present during the meeting along with environmental consultant M/s. M/s. Ultra-Tech.

PP informed that, the project under consideration is vertical expansion of children hospital project. *PP further stated that, the total plot area of the project is 23485.10 Sq.mt. having total construction area 885691.54 Sq.mt. (FSI - 20254.17 Sq.mt. + NON FSI- 3230.93 Sq.mt.) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)
1 Hospital Building with 2 Wings	--	--
Wing 1	Ground + 5 Floors	20.70 mt. (up to terrace level)
Wing 2	Basement + Ground + 1st to 3 rd Floor + 4th (Pt) Floor	20.60 mt. (up to terrace level)

It is noted that, Project has received Environmental clearance vide letter dated 18.2.2017. It was noted that the project earlier considered in 110th Meeting held on 30-08-2019 & deferred due to PP was absent.

The project proposal was deliberated on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the

DECISION OF SEAC

After detailed deliberations, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

Specific Conditions by SEAC:

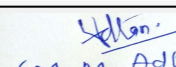
- 1) PP to obtain CRZ NoC, if required.
- 2) PP to clarify the adequacy of STP capacity.
- 3) PP to provide grated opening to STP to achieve 40% openness to sky. PP to submit the undertaking for the same.
- 4) PP to ensure that disposal of biomedical waste should be as per Bio medical waste management rule,2016
- 5) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 6) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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(M. M. Adtani)

Shri M.M.Adtani (Chairman
SEAC-II)

FINAL RECOMMENDATION

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

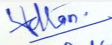
SEAC-AGENDA-0000000366


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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(M. M. Adtani)

Shri M.M.Adtani (Chairman
SEAC-II)

Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for Proposed Amendment & Expansion in Environmental Clearance for Residential project "Raheja Residency".

Is a Violation Case: No

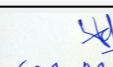
1.Name of Project	"Raheja Residency"
2.Type of institution	Private
3.Name of Project Proponent	FERANI HOTELS PVT. LTD.
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd. Dr. D. A. Patil;
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment & Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Earlier EC received vide letter No. SEIAA-EC-0000000315 dated 17.05.2018
8.Location of the project	C.T.S. No. 827A/1A & 827A/2, Malad (East), Mumbai, Maharashtra
9.Taluka	Borivali
10.Village	Malad
Correspondence Name:	Ferani Hotels Pvt. Ltd.
Room Number:	623
Floor:	Second Floor
Building Name:	Construction House - B
Road/Street Name:	Linking Road
Locality:	Opposite Khar Telephone Exchange, Khar
City:	Mumbai - 400052
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IOD/CC obtained
	IOD/IOA/Concession/Plan Approval Number: CHE/7128/BP(WS)/AP - (Wing A, B, C) ; CHE/7131/BP(WS)/AP - (Wing D & E); CHE/7127/BP(WS)/AP - (Wing F, G, H); CHE/7126/BP(WS)/AP - (Wing I, J, K, L) ; CHE/7129/BP(WS)/AP - (Wing M, N) ; CHE/7125/BP(WS)/AP (Wing P, Q, R, S, T) ; CHE/583/BPWS/AP/MISC/OTHER/1/NEW - (For Club House) ; CHE/1046/BP(WS)/LOP - Layout
	Approved Built-up Area: 51205.51
13.Note on the initiated work (If applicable)	Bldg A,B,C,D,E are existing building and Bldg F,G,H are nearing completion
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	57252.10
16.Deductions	1517.30
17.Net Plot area	55734.80
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1,68,100.00
	b) Non FSI area (sq. m.): 1,85,555.00
	c) Total BUA area (sq. m.): 353655
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 51205.51
	Approved Non FSI area (sq. m.): 127163.95
	Date of Approval: 19-03-2016
19.Total ground coverage (m2)	29851
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	52.13%
21.Estimated cost of the project	9457200000


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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(M. M. Adtani)

Shri M.M.Adtani (Chairman
SEAC-II)

22. Number of buildings & its configuration


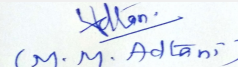
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Existing Bldg	-	-
2	Wing A	St + 10	36.15
3	Wing B & C	St + 7	26.15
4	Wing D & E	St + 20	66.35
5	Wing F, G & H	B + St + 20	68.80
6	Proposed Bldg	-	-
7	Wing I, J, K & L	B + P + Up St + 35	119.15
8	Wing M & N	2B + St + 33	112.00
9	Wing P & T	2B + L St + St + 20	69.85
10	Wing Q, R & S	2B + L St + St + 31	107.05
11	Club House	B + G + 1	8.00

23. Number of tenants and shops	Flats: 2134 Nos.
24. Number of expected residents / users	10,670 Nos.
25. Tenant density per hectare	385 Tenement/Hector
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is accessible by 36.6 m wide Reservoir Road off General Arun Kumar Vaidya Marg from West side and 18.30 m wide road from North and East side
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	Building A,B,C,D,E are existing
30. Details of the demolition with disposal (If applicable)	-

31. Production Details

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

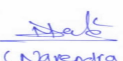
32. Total Water Requirement

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 123 Meeting Date: December 7, 2019	Page 82 of 115	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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Dry season:	Source of water	MCGM
	Fresh water (CMD):	960
	Recycled water - Flushing (CMD):	480
	Recycled water - Gardening (CMD):	81
	Swimming pool make up (Cum):	12
	Total Water Requirement (CMD) :	1452
	Fire fighting - Underground water tank(CMD):	AS PER NBC
	Fire fighting - Overhead water tank(CMD):	AS PER NBC
	Excess treated water	770
Wet season:	Source of water	MCGM
	Fresh water (CMD):	814
	Recycled water - Flushing (CMD):	480
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	12
	Total Water Requirement (CMD) :	1452
	Fire fighting - Underground water tank(CMD):	AS PER NBC
	Fire fighting - Overhead water tank(CMD):	AS PER NBC
	Excess treated water	851
Details of Swimming pool (If any)	Yes swimming pool is provided	


33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	-	-	-	-	-	-	-	-	-


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34. Rain Water Harvesting (RWH)	Level of the Ground water table:	3 - 4 m
	Size and no of RWH tank(s) and Quantity:	18 RWH Tanks with total 450 KL capacity
	Location of the RWH tank(s):	Below Basement
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	104 Lakh
	Budgetary allocation (O & M cost) :	5.2 Lakh/yr
	Details of UGT tanks if any :	Under Ground Tanks are provided
35. Storm water drainage	Natural water drainage pattern:	Towards South Side
	Quantity of storm water:	6,368.58 m ³ /hr
	Size of SWD:	600 mm, 800 mm, 750 mm, 1000 mm wide channel
Sewage and Waste water	Sewage generation in KLD:	1344
	STP technology:	MBBR
	Capacity of STP (CMD):	3 STP of total 1500 KLD capacity
	Location & area of the STP:	Location: Below Basement; Area provided: 1357 m ²
	Budgetary allocation (Capital cost):	300 Lakh
	Budgetary allocation (O & M cost):	60 Lakh/yr
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris : 10,269 m ³ ; Excavation quantity : 1,47,520 m ³
	Disposal of the construction waste debris:	The construction debris will be utilized at site for Road Paving
Waste generation in the operation Phase:	Dry waste:	2134 kg/d
	Wet waste:	3201 kg/d
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	13 KLD
	Others if any:	-

Mode of Disposal of waste:	Dry waste:	Dry garbage will be disposed off to authorized recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting unit and will be used as organic manure for landscaping.
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	-
Area requirement:	Location(s):	Ground Floor
	Area for the storage of waste & other material:	250 m2
	Area for machinery:	50 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	140 Lakh
	O & M cost:	56 Lakh

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

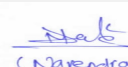
39. Stacks emission Details

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

40. Details of Fuel to be used

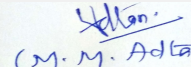
Serial Number	Type of Fuel	Existing	Proposed	Total
1	-	-	-	-

41. Source of Fuel	-
42. Mode of Transportation of fuel to site	-


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Shri Narendra Toke
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SEAC-II)

43.Green Belt Development	Total RG area :	RG Required: 13,933.70 m2 RG Provided: 16,118.95 m2, RG on ground: 8,361.15 m2 , RG on podium: 7,757.80 m2
	No of trees to be cut :	-
	Number of trees to be planted :	Existing trees on site: 223 Nos.; New Trees to be planted: 683 Nos.
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	Trees will be planted after completion of construction work

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

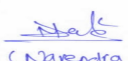

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	ALSTONIA SCHOLARIS	SAPTAPARAN	66	Shady large evergreen tree, white fragrant flowers
2	PLUMERIA ALBA	CHAPHA	346	Medium sized evergreen tree, fragrant yellow flowers.
3	ROYSTONEA REGIA	ROYAL PALM	5	Roystonea regia is a large palm, solitary, erect, grayish white,
4	MIMUSOPS ELENGI	BAKUL	17	Shady tree, small white fragrant flowers
5	TECOMA STANS	TECOMA	2	The younger stems are smooth, hairless (glabrous) and greenish in Colour..
6	ANTHOCEPHALUS CADAMBA	KADAMB	38	Shady, large tree, ball shaped flowers.
7	ARECA CATECHU	BETEL NUT	64	Single-stemmed, tropical palm with broad, glossy green, feather-shaped leaves that protrude from a green crown shaft and has a narrow, upright habit.
8	LAGERSTOREMIA FLOSREGINEAE	TAMHAN	68	State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers
9	COCUS NUCIFERA	COCONUT TREE	29	The tiny, yellowish or greenish flowers are in inflorescences that emerge from the leaf axils.
10	MILICIA EXCELSA	KHAYA	10	Medium sized deciduous tree
11	AZADIRACHTA INDICA	NEEM	38	Semi-evergreen tree with medicinal value.

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

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 123 Meeting Date: December 7, 2019	Page 86 of 115	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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Power requirement:	Source of power supply :	Adani Electricity
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	500 kVA
	During Operation phase (Connected load):	23.4 MW
	During Operation phase (Demand load):	12.8 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	1062.5 kVA (62.5 kVA x 17)
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Energy efficient lighting using LED
- Use of high energy efficient pumps for fire fighting, UG tanks and STP
- Solar Street lights are proposed for common areas such as open spaces, pathways, RG etc.
- Solar hot water will be provided

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total energy Saving	>20%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
-	-	-

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	130 Lakh
	O & M cost:	6.5 Lakh/yr

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	5
2	Site sanitation and potable water supply to labour	-	10

3	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time	4
4	Health check up and first aid	-	5
5	Safety personal protective equipment	(Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	12
6	Traffic Management	(Sign Boards, Persons at entry exit and Parking area)	4
7	Safety Nets	-	25
8	Storm water Management	SWD along plot boundary	4
9	Tyre cleaning and Vehicle maintenance	-	4
10	Safety Training to Workers, Safety Officer	-	8
11	Disinfection	-	3

b) Operation Phase (with Break-up):

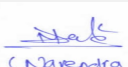

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	300	60
2	Solar System	Weekly	130	6.5
3	Rain Water Harvesting	During Rainy season	104	5.2
4	Solid waste composting	Continuous O & M	140	56
5	Landscape	Daily	146	15
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratory	-	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
-	-	-	-	-	-	-	-

52.Any Other Information

No Information Available

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 123 Meeting Date: December 7, 2019	Page 88 of 115	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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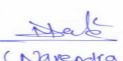
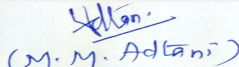
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	2 Basements with total area of 68,479.27 m2 area
	Number and area of podia:	1 Podium with 40,411.46 m2 area
	Total Parking area:	1,29,163.00 m2
	Area per car:	-
	Area per car:	-
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	2623 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	6m - 9m driveways
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Permission is received from SGNP Eco Sensitive Zone Monitoring Committee vide letter No. DESK/1/20/LND/ESZ/3928 OF 2018-19 DT. 01.11.2018
	Category as per schedule of EIA Notification sheet	8(b)
	Court cases pending if any	Bombay High Court. Suit No. 1628 of 2008. The only orders relevant to the proposed are the order dated 19.07.2012 disposing of Appeal Nos. 817 of 2010 and 806 of 2010 in the said Suit; there is no restriction on the development which is being carried on / is to be carried on by the Applicant on the said land.
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 123 Meeting Date: December 7, 2019	Page 89 of 115	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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Representative of PP Mr D.D Bhagwat was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engineers Pvt. Ltd.

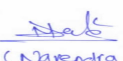
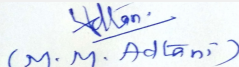
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Wing P & T	2B + L St + St + 20	69.85
Wing Q, R & S	2B + L St + St + 31	107.05
Club House	B + G + 1	8.00

It is noted that, Project has received Environmental clearance vide letter dated 17.05.2018. It is noted that the project earlier considered in 100th Meeting held on 20-05-2019 & ToR accorded for the same. Accordingly, PP submitted the compliance & EIA which was taken on record.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A,

DECISION OF SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 123 Meeting Date: December 7, 2019	Page 90 of 115	 (M.M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

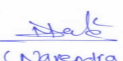
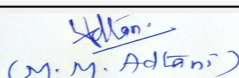
SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for Seeking revised EC for Redevelopment project at Tardeo Division, Mumbai Central, Mumbai

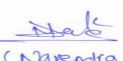
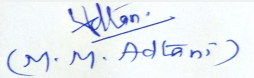
Is a Violation Case: No

1.Name of Project	"NATHANI HEIGHTS"
2.Type of institution	Private
3.Name of Project Proponent	M/s. Nathani Parekh Constructions Pvt. Ltd.
4.Name of Consultant	M/s. Ultra Tech
5.Type of project	Redevelopment Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Received Environmental Clearance (File No. SEAC-2010/CR.364/TC.2) dated 2nd June, 2011
8.Location of the project	C.S. No. 1/332, Dr. D.B. Marg & Bellasis Road, 'D' Ward, Tardeo Division, Mumbai Central, Mumbai - 400008.
9.Taluka	Mumbai
10.Village	Mumbai
Correspondence Name:	M/s. Nathani Parekh Constructions Pvt. Ltd.
Room Number:	101
Floor:	2nd Floor, Commercial Arcade,
Building Name:	Nathani Heights
Road/Street Name:	Dr. D.B. Marg & Bellasis Road Junction
Locality:	Mumbai Central
City:	Mumbai - 400008.
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12.IOD/IOA/Concession/Plan Approval Number	Received Part Occupation certificate dated 30.10.2018
	IOD/IOA/Concession/Plan Approval Number: EB/5420/D/A
	Approved Built-up Area: 30620.60
13.Note on the initiated work (If applicable)	Total constructed work on site till date (FSI + Non FSI): 77,090.00 Sq.mt.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Received MHADA NOC dated 16.05.2008 and revised NOC dated 22.08.2012
15.Total Plot Area (sq. m.)	5,301.04 Sq. mt.
16.Deductions	590.29 Sq. mt.
17.Net Plot area	4,710.75 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 30,658.14 Sq. mt.
	b) Non FSI area (sq. m.): 48,493.82 Sq. mt.
	c) Total BUA area (sq. m.): 79151.96
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 30,620.60
	Approved Non FSI area (sq. m.): 55,944.49
	Date of Approval: 30-10-2018
19.Total ground coverage (m2)	3,577.82
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	76%
21.Estimated cost of the project	3700000000

22.Number of buildings & its configuration


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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	1 Building	Basement + Ground to 2nd Floor (Shops/Office) + 3rd to 7th Floor Parking + 8th (Stilt) floor + 9th Service Floor + 10th to 38th Residential Floor + 39th Service Floor & 40th Stilt Floor + 41st To 72nd Residential Floors.	243.11	
23.Number of tenants and shops		Flats: 340 Nos. Office and Shops: 260 Nos.		
24.Number of expected residents / users		~ 2527 nos.		
25.Tenant density per hectare		642 / hectars		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		It is connected by 29.26 mt. wide Belasis Road and 36.58 mt. wide Dr. Dadasaheb Bhadkamkar Marg.		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.00 mt.		
29.Existing structure (s) if any		Part Construction completed on site as per EC received		
30.Details of the demolition with disposal (If applicable)		There were four existing building on the plot which have been completely demolished. Demolition debris has been partly reused/ recycled and remaining has been disposed to the authorized land fill site as per permission received from M.C.G.M.		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

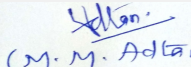
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Dry season:	Source of water	M.C.G.M/ Tanker water for Swimming pool make up								
	Fresh water (CMD):	170 KLD								
	Recycled water - Flushing (CMD):	98 KLD								
	Recycled water - Gardening (CMD):	13 KLD								
	Swimming pool make up (Cum):	3 KLD								
	Total Water Requirement (CMD) :	284 KLD								
	Fire fighting - Underground water tank(CMD):	3 tanks of total capacity 400 KL								
	Fire fighting - Overhead water tank(CMD):	297 KL								
	Excess treated water	100 KLD								
Wet season:	Source of water	M.C.G.M/ Tanker water for Swimming pool make up/ Partly by RWH								
	Fresh water (CMD):	From MCGM: 162 KLD From RWH: 8 KLD								
	Recycled water - Flushing (CMD):	98 KLD								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	3 KLD								
	Total Water Requirement (CMD) :	271 KLD								
	Fire fighting - Underground water tank(CMD):	3 tanks of total capacity 400 KL								
	Fire fighting - Overhead water tank(CMD):	297 KL								
	Excess treated water	113 KLD								
Details of Swimming pool (If any)	2 nos. of swimming pool having volume 165 Cu.mt. & 71 Cu.mt. Volume of lotus pond - 13 Cu.m									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	0.5 mt. to 0.75 mt. below ground level
	Size and no of RWH tank(s) and Quantity:	1 RWH tank of capacity 75 KL
	Location of the RWH tank(s):	Below ground
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	Rs. 10.50 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.44 Lacs/annum
	Details of UGT tanks if any :	Location of UG tanks: Basement
35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged into the external SWD.
	Quantity of storm water:	0.12 m3/sec
	Size of SWD:	SWD pipe size 300 mm
Sewage and Waste water	Sewage generation in KLD:	234 KLD
	STP technology:	Moving Bed Bio Reactor (MBBR)
	Capacity of STP (CMD):	1 STP of capacity 255 KL
	Location & area of the STP:	Basement
	Budgetary allocation (Capital cost):	Rs.48.54 Lacs
	Budgetary allocation (O & M cost):	Rs. 8.66 Lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Demolition debris has been partly reused/ recycled and remaining has been disposed to the authorized land fill site as per permission received from M.C.G.M.
	Disposal of the construction waste debris:	Construction waste material shall be partly recycled and remaining shall be disposed to the authorized land fill site with permission of M.C.G.M.
Waste generation in the operation Phase:	Dry waste:	376 kg/day
	Wet waste:	598 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	35 kg/day
	Others if any:	Not Applicable


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Mode of Disposal of waste:	Dry waste:	To Authorized recyclers
	Wet waste:	Treatment in OWC
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	7th Floor
	Area for the storage of waste & other material:	81.00 Sq. mt.
	Area for machinery:	12.00 Sq.mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 9.00 Lacs
	O & M cost:	Rs. 2.37 Lacs/annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	--	Mg/l	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	--	--	--	--	--

40. Details of Fuel to be used

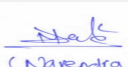
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	--	--	--

41. Source of Fuel	--
42. Mode of Transportation of fuel to site	--

43.Green Belt Development	Total RG area :	RG area on ground: 442.05 Sq.mt.
	No of trees to be cut :	Nil
	Number of trees to be planted :	Trees already planted: 10 nos. Trees to be planted: 196 nos.
	List of proposed native trees :	As shown below
	Timeline for completion of plantation :	Before full occupation of project

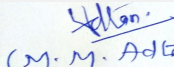
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saraca asoca	Sita Ashok	12	Tree with medicinal properties.
2	Plumeria rubra	Red Frangipani	16	Deciduous branches with flowers at branch ends, appearing at the ends of branches over the summer. Often profuse and very prominent, they are strongly fragrant, and have five petals.
3	Bauhinia purpurea	Kanchan	12	Tree with delightfully fragrant, five-inch-wide blossoms, the narrow purple, pink, and lavender petals arranged to closely resemble an orchid.
4	Bauhinia blackeana	Orchid Tree	12	The large, orchid-like flowers are rich magenta purple with paler veins, and the uppermost petal is darker towards the base. Flowers appear from February to November, with the peak flowering time in September to October. This bauhinia is sterile and rarely produces the large flat seed pods seen on other species.
5	Cassia fistula	Bahava	06	Is widely grown as an ornamental plant. Growth for this tree is best in full sun on well-drained soil; it is relatively drought tolerant and slightly salt tolerant. It attracts bees and butterflies for pollination.
6	Caryota urens	Fishtail Palm	16	Solitary-trunked tall evergreen tree. Pulp of the fully grown up plant is cut, sun dried, powdered and is edible. Ornamental plant.
7	Chrysalidocarpus lutescens	Pencil areca Palms	30	Evergreen foliage of fine texture and yellow-green in color. Fruit is yellow to purple, 2 cm, oval in shape. This is one of the most useful Palms of the tropics, serves as a super, bamboo-like screening plant and is relatively pest-free.
8	Mangifera Indica	Mango	06	It is large evergreen and shady tree with medicinal properties.


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9	Phoenix palm	Date Palm	30	Date fruits have many medicinal properties. Date palms are medium-sized, growing singly or forming a clump with several stems from a single root system.
10	Tabernaemontana coronaria	Tagar	16	It has white fragrant flowers. Planted as ornamental plants.
11	Areca catechu	Betel tree	05	Medium sized palm tree
12	Cocos nucifera	Coconut	30	Fruit is used in different ways for cooking. Its Fiber is used for coir production. Broom is made from its leaves.
13	Plumeria obtusa	Frangapani	15	It has medicinal properties. Planted as an ornamental plant

45.Total quantity of plants on ground

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

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

47.Energy


Power requirement:	Source of power supply :	Tata Power Company Limited
	During Construction Phase: (Demand Load)	300 KW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	7910 KW
	During Operation phase (Demand load):	7517 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	2 DG Sets of 1000 kVA each.
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	--

48.Energy saving by non-conventional method:

Provision of LED tubes and lamps
Provision of Advanced BEE 5 Star Rated AC Equipments
Provision of Pumps & Motors with Premium Efficiency
Provision of Energy Efficient Lifts with VVVF Lift Drive
Provision of Solar System

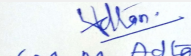
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
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1	--	--
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50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	NA	--
Solid waste	NA	Organic Waste Converter
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--
	O & M cost:	--


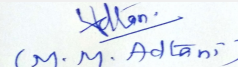
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	0.72
2	Air Environment	Air and Noise Monitoring: By outside laboratory	0.22
3	Water Environment	Drinking water analysis	0.03
4	Land Environment	Site Sanitation	5.00
5	Health & Hygiene	Disinfection at site-Pest Control	1.20
6	Health & Hygiene	Health Check-up of workers	2.70
7	Cost towards Disaster Management	--	421.11

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR & NOISE ENVIRONMENT - Ambient Air quality & Noise Monitoring:	On site sensors	No set up cost is involved as already considered Construction Phase	0.50
2	AIR & NOISE ENVIRONMENT - Ambient Air quality & Noise Monitoring:	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.22
3	AIR & NOISE ENVIRONMENT - Cost for DG Stack Exhaust Monitoring	1 stack	No set up cost is involved	0.05
4	AIR & NOISE ENVIRONMENT - Cost for Plantation	Green area	19.90	1.20
5	WATER ENVIRONMENT - Waste water treatment	Cost for sewage Treatment Plant	30.54	7.63
6	WATER ENVIRONMENT - Cost for water & waste water Monitoring	On site sensors	18.00	1.00

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7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.03
8	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for RWH tank	7.50	0.38
9	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for Rain Water collected in tanks	3.00	0.01
10	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Rainwater Monitoring	No set up cost is involved	0.05
11	LAND ENVIRONMENT - Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	9.00	2.29
12	LAND ENVIRONMENT - Solid Waste Management	Environmental Monitoring	No set up cost is involved	0.08
13	Cost towards disaster management	--	1645.13	106.74

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

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

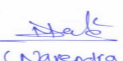
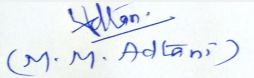
52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	2 entry and exits
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Parking details:	Number and area of basement:	1 Basement
	Number and area of podia:	Details as mentioned in Project proposal at Sr. no. 24
	Total Parking area:	18,424.35 Sq.mt.
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Parking spaces provision: 43 nos.
	Number of 4-Wheelers as approved by competent authority:	Parking spaces provision : 567 nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Minimum 6.00 mt.
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8(a) B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	10-12-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

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PP Mr. Nathani was present during the meeting along with environmental consultant M/s. Ultra Tech.

PP informed that, the project under consideration is redevelopment project. *PP further stated that, the total plot area of the project is 5,301.04 Sq.mt. having total construction area 79151.96 Sq.mt. (FSI -30,658.14Sq.mt. + NON FSI- 48,493.82 Sq.mt.) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)
1 Building	Basement + Ground to 2nd Floor(Shops/Office) + 3rd to 7th Floor Parking + 8th (Stilt) floor + 9 th Service Floor + 10th to 38 th Residential Floor + 39th Service Floor & 40th Stilt Floor + 41st To 72nd Residential Floors.	243.11

It is noted that, Project has received Environmental clearance vide letter dated 2nd June, 2011 for total built up area 78,727.08 sq.mt. PP further stated that now they have proposed to increase total built up area by 424.88. PP stated that there is no change in the total number of floor but Commercial Units & Flats number change from Commercial Units 108 nos.; Flats: 342 nos to Commercial Units: 260 nos.; Flats: 340 nos

The project proposal was deliberated on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the

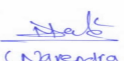
DECISION OF SEAC

After detailed deliberations, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

Specific Conditions by SEAC:

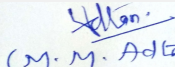
- 1) PP to upload the HRC NoC.
- 2) PP to upload the CFO NoC.
- 3) PP to submit the copy of final approved layout plan.
- 4) PP to upload the result of working STP & continue to maintain the BoD less than 5 mg/lit.
- 5) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
- 6) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION


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Shri Narendra Toke
(Secretary SEAC-II)


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Shri M.M.Adtani (Chairman
SEAC-II)

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

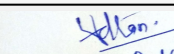
SEAC-AGENDA-0000000366


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Shri M.M.Adtani (Chairman
SEAC-II)

Agenda of 123rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

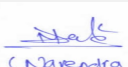
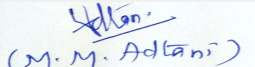
SEAC Meeting number: 123 Meeting Date December 7, 2019

Subject: Environment Clearance for Proposed residential and Commercial Building development at Gut No. 1/3, 1/2/2, 1/6 /A, 1/6 /B, 1/6 /C, 1/4, 2/1, 2/2, 3/5 /A, 3/5/ B, 5/3, 111 /1, Village- Rohinjan, Taluka- Panvel, District- Raigad

Is a Violation Case: No

1.Name of Project	Anandam
2.Type of institution	Private
3.Name of Project Proponent	Today Global Homes
4.Name of Consultant	Building Environmnet (I) Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gut No. 1/3, 1/2/2, 1/6 /A, 1/6 /B, 1/6 /C, 1/4, 2/1, 2/2, 3/5 /A, 3/5/ B, 5/3, 111 /1
9.Taluka	Panvel
10.Village	Rohinjan
Correspondence Name:	Bhadresh Rajesh Shah (Partner)
Room Number:	Office No. 605
Floor:	6th Floor
Building Name:	Shelton Cubix
Road/Street Name:	Plot No. 87, Sector 15
Locality:	CBD Belapur
City:	Navi Mumbai
11.Whether in Corporation / Municipal / other area	Panvel Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Part Commencement certificate: NO.2019/PMC/TP/BP/1526/2019 Dated: 24/06/2019 IOD/IOA/Concession/Plan Approval Number: Part Commencement certificate: NO.2019/PMC/TP/BP/1526/2019 Dated: 24/06/2019 (Approved Part BUA: 18260.703 Sq. Mt.) Approved Built-up Area: 56479.925
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI- No. 2019/PMC/TP/BP/1937/2019, Dated- 09/08/2019
15.Total Plot Area (sq. m.)	21840.00
16.Deductions	Total deduction: 3554.524 Sq. Mt. (Road -2462.474 Sq. Mt. + Amenity -1092.05 Sq. Mt.)
17.Net Plot area	18285.476 Sq. Mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 35584.127 b) Non FSI area (sq. m.): 20895.798 c) Total BUA area (sq. m.): 56479.925
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 35584.127 Approved Non FSI area (sq. m.): 20895.798 Date of Approval: 09-08-2019
19.Total ground coverage (m2)	5525.360
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	30.22
21.Estimated cost of the project	876648825

22.Number of buildings & its configuration

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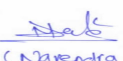
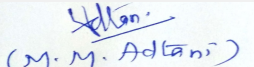
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building No. 1	Ground floor with stilt parking + upper 11 Floors + 87 Flats	35.40
2	Building No. 2	Ground floor with stilt parking + upper 11 Floors + 87 Flats	35.40
3	Building No. 3	Ground floor with stilt parking + upper 11 Floors + 87 Flats	35.40
4	Building No. 4	Ground floor with stilt parking + upper 14 Floors + 110 Flats	44.10
5	Building No. 5	Ground floor with stilt parking + Partial commercial + upper 11 Floors + 76 Flats + 10 Shops	35.40
6	Building No. 6	Ground floor with stilt parking + Partial commercial + upper 11 Floors + 87 Flats + 14 Shops	35.40
7	Building No. 7	Ground floor with stilt parking + Partial commercial + upper 11 Floors + 87 Flats + 14 Shops	35.40

23.Number of tenants and shops	Residential: 621 Nos. Commercial: 38 Nos.
24.Number of expected residents / users	Residential: 2804 Nos. & Commercial: 272 Nos.
25.Tenant density per hectare	360.395
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24 Meter wide proposed DP road & 15 Meter wide proposed road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 Meters
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

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Dry season:	Source of water	Panvel Municipal corporation + treated sewage from STP + Tanker							
	Fresh water (CMD):	259.00							
	Recycled water - Flushing (CMD):	132.00							
	Recycled water - Gardening (CMD):	27.00							
	Swimming pool make up (Cum):	5.00							
	Total Water Requirement (CMD) :	423.00							
	Fire fighting - Underground water tank(CMD):	350.00							
	Fire fighting - Overhead water tank(CMD):	5.00							
	Excess treated water	110.00 (treated sewage also used in car wash: 2 & STP back wash: 10)							
Wet season:	Source of water	Panvel Municipal corporation + treated sewage from STP + Tanker							
	Fresh water (CMD):	259.00							
	Recycled water - Flushing (CMD):	132.00							
	Recycled water - Gardening (CMD):	0.00							
	Swimming pool make up (Cum):	5.00							
	Total Water Requirement (CMD) :	396.00							
	Fire fighting - Underground water tank(CMD):	350.00							
	Fire fighting - Overhead water tank(CMD):	5.00							
	Excess treated water	137.00 (treated sewage also used in car wash: 2 & STP back wash: 10)							
Details of Swimming pool (If any)	117.79 Sq. Mt.								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	As per geo-hydro survey report below 4.50 - 6.00 meters
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	03 Nos. Recharge pits
	Size of recharge pits :	3m x 3m x 3m,
	Budgetary allocation (Capital cost) :	7.50 Lacs
	Budgetary allocation (O & M cost) :	0.75 Lacs/ Year
	Details of UGT tanks if any :	Domestic UG tank: 389.00 KLD Flushing UG tank: 132.00 KLD Fire Tank: 350.00 KLD
35.Storm water drainage	Natural water drainage pattern:	The storm drainage above ground will essentially cater for the seasonal rains. The major part of discharge will be from the roof. Rain water outlets will be provided at the edges from where it will be carried down by UPVC agriculture pipes to discharge water into storm water entrance chambers below ground. Run- off from the ground and terrace will be finally discharged into rain water harvesting tank below ground. The overflow from rain water harvesting tank will be discharged into storm water c
	Quantity of storm water:	3.60 M3/ Min
	Size of SWD:	750mmØ pipe
Sewage and Waste water	Sewage generation in KLD:	352
	STP technology:	MBBR
	Capacity of STP (CMD):	1 STP of 355 KLD
	Location & area of the STP:	On ground and area 140 Sq. Mtrs.
	Budgetary allocation (Capital cost):	80.00 Lacs
	Budgetary allocation (O & M cost):	5.20 Lacs / Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated soil will be used in land leveling purpose & construction debris will be handed over to authorized agency.
	Disposal of the construction waste debris:	Construction debris will be handed over to Authorized agency.
Waste generation in the operation Phase:	Dry waste:	404.22 Kg/day
	Wet waste:	943.17 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	8.62 Kg/day
	Others if any:	NA
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Mode of Disposal of waste:	Dry waste:	Handed over to authorize agency.
	Wet waste:	Composting through OWC & used at site as manure.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure within the premises for plants. Excess shall be sold /handover to outside parties or gardens.
	Others if any:	NA
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	30 Sq. Mt. including machinery
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	18.00 Lacs
	O & M cost:	2.50 Lacs/ 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	--	At 100% Load = 45.9 Ltr/hr.	--	--	--	--


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 :	Green area on Ground: 2598.66 Sq. Mt. & Green area on podium: 394.62 Sq. Mt.
	No of trees to be cut :	Existing trees: 58 Nos. ; Nos. of trees to be cut: 30 Nos. & Nos. of trees will be retained: 28 Nos.
	Number of trees to be planted :	Required Trees against plot area (1 tree for 100 Sq. Mt.)- 195 Nos.; Required Tree against open space (1 tree for 20 Sq. Mt.)- 116 Nos.; Required Trees will be planted against tree cut (2 trees for 1 tree cut) - 60 Nos. ; Total required Trees - 371 Nos. & Total Proposed trees - 401 Nos.
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	5 Years

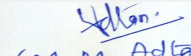
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimusops elengi	Bakul	14	Medium sized evergreen tree. Beautiful white flowers.
2	Nyctanthes arbor-tristis	Parijatak	25	Small deciduous tree. Flowers white with orange petal tube.
3	Cassia fistula	Bahava	25	Small deciduous tree. Flowers yellow.
4	Putranjiva roxburghii	Putranjiva	40	Small sized evergreen tree. Beautiful greenish yellow flowers.
5	Lagerstromia speciosa	Tahman	35	Small to medium sized. Flowers with white to purple petals
6	Saraca asoka	Seeta ashok	10	Small sized evergreen tree. Flowers reddish orange.
7	Hevea brasiliensis	Rubber tree	08	Large deciduous tree. Flowers creamy yellow.
8	Terminilia arjuna	Arjun	09	Large deciduous tree. Flowers small, yellow.
9	Anthocephallus cadamba	Kadamb	16	Large evergreen tree. Flowers creamish white.
10	Pterocarpus santalinus	Rakta kanchan	06	Large deciduous tree. Flowers yellow.
11	Bauhinia racemosa	Pivla kanchan	21	Small sized deciduous tree. White flowers.
12	Mangifera indica	Mango	11	Large sized evergreen tree. Small flowers, green.
13	Caryota urens	Fishtail palm	91	Large palm. Male flowers-Red. Female flowers-Green.
14	Azadirachta indica	Neem	09	Evergreen, smooth olive like fruit
15	Millttia pinnata	Karanj	06	Burgundy leaves when young white, purple and pink flower
16	Ficus glomerata	Umbar	07	--
17	Gmelina arborea	Shivan	15	Fast growing tree with beautiful yellow flowers.
18	Ficusretusa	Nandruk	10	Medium sized, shady, evergreen tree.


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19	Murraya paniculata	Kunti	15	Small tree, Fragrant white flowers
20	Albizia lebbeck	Shirish	14	Shady, large, fast-growing evergreen tree, Ball shaped flowers.
21	Bueta monosperma	Palash	14	Dry season deciduous tree. Slow growing

45.Total quantity of plants on ground


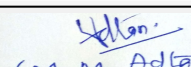
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Mogra	2'	120.47
2	Spider Lilly	1'	111.08
3	Nishi gandha	1'	118.0
4	Acylpha Red	2'	131.21
5	Ixora Miniature	1'6"	138.92
6	Allamanda	2'	130.0
7	Fire cracker	1'6"	117.92
8	Canna dwarf	1'	106.73
9	Nerium	2'	117.32
10	Ixora Pink	1'6"	105.30
11	Dracena Mahatma	1'6"	112.19
12	Allamanda Pink	2'	115.35
13	Pentas	1'	116.0
14	Purple Plant	1'	126.55

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	82.5 kVA
	During Operation phase (Connected load):	2109.07 KW
	During Operation phase (Demand load):	1836.52 kVA
	Transformer:	3 Nos. of transformers of 630 kVA capacity each
	DG set as Power back-up during operation phase:	1 No. of 200 kVA DG
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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Reduction in consumption by using Energy Saving Measure:

1. Use of LED lamps for common area (Landscape)
2. Stair-case, Lift lobby, Passage parking Lightings
3. Use of Solar Panels for Hot water
4. Street Lights

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Annual saving only by solar	Hot water Panel-18.05 % & PV Panel - 5.43 %
2	Total Annual Saving	23.48 %

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:	42.22 Lacs
	O & M cost:	2.11 Lacs/ year


51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	PPE	--	5.00
2	Site Sanitation Facility	--	4.00
3	Drinking water Facility	--	2.00
4	Solid Waste Management	--	2.50
5	Safety railing, platform, ladder, crane, hoist etc.	--	6.00
6	House Keeping	--	2.00
7	Health check	--	1.00
8	Environmental Monitoring	--	1.50
9	Anti rust coating on foundation steel bars	--	5.00

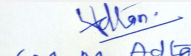
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Recharge Pits	--	7.50	0.75
2	Sewage Treatment Plant (STP)	--	80.00	5.20
3	Solid waste Management	--	18.00	2.50
4	Landscaping	--	51.97	3.89
5	Solar lighting	--	42.22	2.11
6	DMP	--	415.71	45.82


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

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

52.Any Other Information

No Information Available

53.Traffic Management

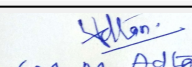
	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	1 central Podium: 2387.19 Sq. Mt.
	Total Parking area:	10000 Sq. Mt.
	Area per car:	12.50 Sq. Mt.
	Area per car:	12.50 Sq. Mt.
	Number of 2-Wheelers as approved by competent authority:	Required: 813 Nos. & Proposed: 813 Nos.
	Number of 4-Wheelers as approved by competent authority:	Required: 112 Nos. & Proposed: 112 Nos.
	Public Transport:	Kharghar Railway station
	Width of all Internal roads (m):	6 & 12 Meters
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA


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

SEAC-AGENDA-0000000366

PP was present during the meeting along with environmental consultant. M/s. Building Environmnet (I) Pvt. Ltd.

PP informed that, the project under consideration is new *housing project*. PP further stated that, the total plot area of the project is 21840.00 Sq.mt having total construction area 56479.925 Sq. mt. (FSI - 35584.127 Sq.mt + NON FSI- 20895.798 Sq.mt) and the building configuration is as follow-

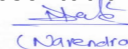
Building Name & number	Number of floors	Height (Mtrs)
Building No.	1 Ground floor with stilt parking + upper 11 Floors + 87 Flats	35.40
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Building No. 7	Ground floor with stilt parking + Partial commercial + upper 11 Floors + 87 Flats + 14 Shops	35.40

It is noted that, Project has received Environmental clearance vide letter dated 12/3/2018.

It is noted that the project earlier considered in 119th Meeting held on 01-11-2019 & deferred with observations namely. 1) PP was absent; hence the project is deferred. Accordingly, PP submitted the compliance which was taken on record.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A,

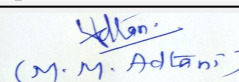
presentation & plans submitted are taken on the record.


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DECISION OF SEAC

In view of above, the proposal is deferred and shall be considered only after the compliance of above observations.

Specific Conditions by SEAC:

- 1) PP to submit the right of way order granted by local body or mutual agreement done with concern owner.
- 2) Committee noted that, during presentation PP mentioned that, there is central parking podium which is not mentioned in the CS. PP to explain the same.
- 3) PP to submit the Non-FSI area statement including the utility.
- 4) Committee noted that, there is no sewer line. PP to submit the time line for development of the sewer disposal system of local planning authority & also submit his detail phase wise plan regarding sewer disposal arrangement.
- 5) The planning authority to ensure that no occupation certificate is given to the Project till 24mt DP road of west side becomes accessible to the plot.
- 6) PP to submit the CFO NoC for the revised plan.

FINAL RECOMMENDATION

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

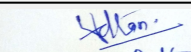
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