

Agenda of 126th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 126 Meeting Date January 8, 2020

Subject: Environment Clearance for Environmental Clearance (EC) for Residential Development at Goregaon West

Is a Violation Case: No

1.Name of Project	RESIDENTIAL DEVELOPMENT
2.Type of institution	Private
3.Name of Project Proponent	M/s. Satguru Corporate Services Pvt. Ltd.
4.Name of Consultant	M/s. ULTRA TECH
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	Plot bearing CTS Nos. 158, 159, 160, 161(Pt.), 162(Pt.) & 165(Pt.) of village Goregaon, Taluka Malad, Mumbai Suburban District situated at Somanigram in Oshiwara District Centre, Goregaon West. Mumbai
9.Taluka	Malad
10.Village	Goregaon
Correspondence Name:	Mr. Ajeet Singh
Room Number:	--
Floor:	5th Floor
Building Name:	Sunteck Centre
Road/Street Name:	37-40 Subhash Road
Locality:	Vile Parle (East)
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	<p>• Approval to the proposed layout under no. TCP(P-2)/ODC/CC/3.137/1584/2019 dt.01/11/2019 by MMRDA • In Principal Approval No. TCP(P-2)/ODC/CC/3.146/1555/2019 received from MMRDA</p> <p>IOD/IOA/Concession/Plan Approval Number: • Approval to the proposed layout under no. TCP(P-2)/ODC/CC/3.137/1584/2019 dt.01/11/2019 by MMRDA • In Principal Approval No. TCP(P-2)/ODC/CC/3.146/1555/2019 received from MMRDA</p> <p>Approved Built-up Area:</p>
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.)	9011.01 Sq. mt.
16.Deductions	--
17.Net Plot area	9011.01 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<p>a) FSI area (sq. m.): 55751.55 Sq. mt. (Including Fungible FSI)</p> <p>b) Non FSI area (sq. m.): 50215.61 Sq. mt.</p> <p>c) Total BUA area (sq. m.): 105967.16</p>
18 (b).Approved Built up area as per DCR	<p>Approved FSI area (sq. m.):</p> <p>Approved Non FSI area (sq. m.):</p> <p>Date of Approval: 23-10-2018</p>
19.Total ground coverage (m2)	4683.79 Sq. mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	52 %

(Signature)
(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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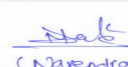
(Signature)
(M. M. Adtani)

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

21. Estimated cost of the project		3020000000		
22. Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	One Building with 2 wing	--	--	
2	Wing A & B	3 Basements + Ground + 1st to 2nd Podium + 3rd to 45th Typical Floor each	142.31 mt.	
23. Number of tenants and shops		Total Flats: 674 Nos.		
24. Number of expected residents / users		3694 Nos.		
25. Tenant density per hectare		749/ 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))		The project site is well connected by 25 mt. wide proposed 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 mt.		
29. Existing structure (s) if any		There are temporary sheds (Godowns) on the plot which shall be demolished.		
30. Details of the demolition with disposal (If applicable)		Demolition Debris generated shall be disposed to authorized landfill site with permission of 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				

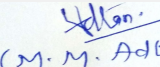
 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 126 Meeting Date: January 8, 2020	Page 2 of 78	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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Dry season:	Source of water	M.C.G.M/ Tanker water for Swimming pool make up								
	Fresh water (CMD):	332								
	Recycled water - Flushing (CMD):	166								
	Recycled water - Gardening (CMD):	10								
	Swimming pool make up (Cum):	6								
	Total Water Requirement (CMD) :	514 KLD								
	Fire fighting - Underground water tank(CMD):	260 KL								
	Fire fighting - Overhead water tank(CMD):	40 KL								
	Excess treated water	213 KLD								
Wet season:	Source of water	M.C.G.M/ Tanker water for Swimming pool make up/ Partly by RWH								
	Fresh water (CMD):	332 (From M.C.G.M. = 316 KLD + From RWH tank = 16 KLD)								
	Recycled water - Flushing (CMD):	166								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	6								
	Total Water Requirement (CMD) :	504 KLD								
	Fire fighting - Underground water tank(CMD):	260 KL								
	Fire fighting - Overhead water tank(CMD):	40 KL								
	Excess treated water	223 KLD								
Details of Swimming pool (If any)	Swimming pool volume: 450 m3 Swimming pool make up water requirement: 6 KL									
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:	1.6 mt. to 3.8 mt. below ground surface
	Size and no of RWH tank(s) and Quantity:	RWH tank of capacity 130 KL
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	Nil
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 16.00 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.71 Lacs/annum
	Details of UGT tanks if any :	Location: Basement


35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD.
	Quantity of storm water:	0.18 m3/sec
	Size of SWD:	350 mm dia with slope 1:300

Sewage and Waste water	Sewage generation in KLD:	432 KLD
	STP technology:	Moving Bed Bio Reactor (MBBR)
	Capacity of STP (CMD):	STP of capacity 450 KL
	Location & area of the STP:	Location : Location Basement , Area: 365 Sq. mt.
	Budgetary allocation (Capital cost):	Rs. 93.05 Lacs
	Budgetary allocation (O & M cost):	Rs. 15.78 Lacs/annum

36.Solid waste Management

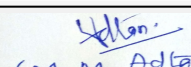
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Demolition debris shall be disposed through authorized recycles. Excavated material shall be partly reused on site for filling and remaining will be disposed of at designated location approved by M.C.G.M.
	Disposal of the construction waste debris:	Construction waste material shall be partly reused/ recycled and remaining shall be disposed to the authorized land fill site

Waste generation in the operation Phase:	Dry waste:	998 kg/day
	Wet waste:	665 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	45 kg/day
	Others if any:	Not Applicable


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Mode of Disposal of waste:	Dry waste:	To authorized recyclers
	Wet waste:	Organic Waste Converter (OWC)
	Hazardous waste:	--
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	--
Area requirement:	Location(s):	Ground Floor
	Area for the storage of waste & other material:	43 Sq. mt.
	Area for machinery:	12 Sq. mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 9.00 Lacs
	O & M cost:	Rs. 2.78 Lacs/annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	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 on ground: 1188.23 Sq. mt. ; RG On Podium: 628.30 Sq. mt.
	No of trees to be cut :	10 Nos.
	Number of trees to be planted :	110 Nos.
	List of proposed native trees :	As shown below in "List of proposed plantation on ground"
	Timeline for completion of plantation :	At the time of completion of project

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

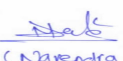
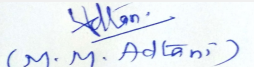
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Tabubiea rosea	Rosy trumpet tree	39	An excellent timber
2	Saraca asoka	Ashok	22	Shady evergreen tree with red-yellow flowers.
3	Nyctanthes arbor-tristis	Parijatak	15	Medicinal properties
4	Cordia sebestena	Geiger Tree	12	It is an ornamental plant
5	Pongamia pinnata	Karanj	8	It has large canopy which spreads equally wide
6	Ailanthus excelsa	Maharukh	7	Large tree, aromatic good for roadside plantation
7	Azadiracta indica	Neem	7	Medicinal properties, good for roadside plantation

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: 126 Meeting Date: January 8, 2020	Page 6 of 78	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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Power requirement:	Source of power supply :	TATA / Adani
	During Construction Phase: (Demand Load)	150 KW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	12001 KW
	During Operation phase (Demand load):	4025 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	D.G. Set of capacity 1250 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not applicable.

48. Energy saving by non-conventional method:

- Use of LED lights
- Provision of Solar PV & Hot water system
- Use of Energy Efficient 5 - Star Rated Split AC, High COP
- Use of Pumps & Motors with Premium Efficiency
- Energy Efficient Lifts with VVVF Lift Drive

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving	20 %

50. Details of pollution control Systems

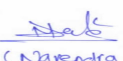
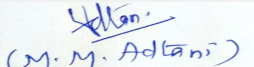
Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	STP
Solid waste	Not applicable	Organic Waste Convertor

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 61.50 Lacs
	O & M cost:	Rs. 1.85 Lacs/annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

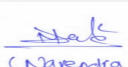
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	1.08
2	Air Environment	Air and Noise Monitoring: On site Sensors	2.50

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3	Air Environment	Air and Noise Monitoring: By outside MoEF & CC Approved Laboratory	0.11
4	Water Environment	Drinking water analysis	0.03
5	Land Environment	Site Sanitation	1.00
6	Health & Hygiene	Disinfection- Pest Control	1.20
7	Health & Hygiene	Health Check-up of workers	7.50
8	Cost towards Disaster Management	--	157.34

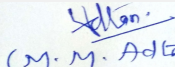
b) Operation Phase (with Break-up):

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	0.11
3	AIR & NOISE ENVIRONMENT - Cost for DG Stack Exhaust Monitoring	1 no. of stack	No set up cost is involved	0.02
4	AIR & NOISE ENVIRONMENT - Cost for Plantation	RG Area on ground & podium	9.99	1.20
5	WATER ENVIRONMENT - Waste water treatment	Cost for sewage Treatment Plants	75.05	15.67
6	WATER ENVIRONMENT - Cost for water & waste water Monitoring	On site sensors	18.00	1.00
7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.01
8	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for RWH tanks	13.00	0.65
9	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for Rain Water collected in tanks	3.00	0.01


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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	2.74
12	LAND ENVIRONMENT - Solid Waste Management	Environmental Monitoring	No set up cost is involved	0.04
13	ENERGY CONSERVATION - Use of renewable energy	Provision of Solar system	61.50	1.85
14	Cost towards disaster management	--	3823.70	38.24

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:	One Entry & Exit
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Parking details:	Number and area of basement:	3 Basement (Total area: 21,398.28 Sq. mt.)
	Number and area of podia:	1st and 2nd Podium (Total area: 8958.73 Sq. mt.)
	Total Parking area:	24569.61 Sq. mt.
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	--
	Number of 4-Wheelers as approved by competent authority:	Required: 696 Nos. Provision: 799 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Min 6.0 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	17-12-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

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Representative of PP was present during the meeting along with environmental consultant. M/s. ULTRA TECH.

PP informed that, the project under consideration is new housing Project. PP further stated that, the total plot area of the project is 9011.01 Sq.mt having total construction area 105967.16 Sq.mt (FSI - 55751.55 Sq.mt + NON FSI- 50215.61 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
One Building with 2 wing	--	--
Wing A & B	3 Basements + Ground + 1st to 2nd Podium + 3rd to 45th Typical Floor each	142.31 mt.


It is noted that, Project has received Environmental clearance vide letter dated 7th August 18.

It is noted that the project earlier considered in 123rd Meeting held on 6-7/12/2019 & deferred with observations namely- 1) to revised the same online also. 2) to get the plot subdivided from competent authority also. 3) to submit the CFO NoC. 4) to submit the civil aviation NoC. 5) to submit the HRC NoC. 6) to ensure that the height of the building should be restricted as per valid HRC & civil aviation NoC. 7) Committee noted that the drive way is shown as part of RG, which is not acceptable. Also there is some portion of RG which have width less than 7.5mt which is also not count as RG. PP to submit the revise the RG calculation. 8) to recheck the compartmentation, it should be as per NBC norms. 9) to submit the sewerage network, water supply, storm water drain NOC from local planning authority. 10) to provide solar energy saving to 5%. 11) to submit the wind analysis of within the buildings & also to mention what measures will be provided to achieve comfort level. 12) 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. 13) to provide suitable opening on side of passage so that lux level of natural day-light will achieve to min 100 lux. 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 2a (P2) category of EIA Notification, 2006. Consolidated statements

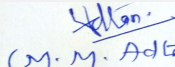
DECISION OF SEAC

record.


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(Secretary SEAC-II)

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

After deliberation, 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 SWD drains should be open, rectangular except where is road crossing.
- 2) PP to provide wind barriers at higher level to maintain comfortable wind speed.
- 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-0000000300

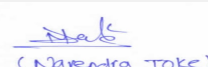
Agenda of 126th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 126 Meeting Date January 8, 2020

Subject: Environment Clearance for proposed Tata Power SRA Development for 'Dr Babasaheb Ambedkar SRA CHS Ltd' under S.R. scheme on plot bearing C. T.S No. 225(pt), 226, 226/1 to 26, 227, 227/1 to 17, 228, 228/1 to 11, 229, 229/1 to 64 & 230(pt) of Village Wadhwali, Tal- Kurla at Chembur (West), Mumbai - 400 074

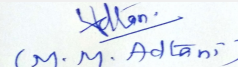
Is a Violation Case: No

1.Name of Project	Tata Power SRA Development for 'Dr Babasaheb Ambedkar SRA CHS Ltd' under S.R. scheme.
2.Type of institution	Private
3.Name of Project Proponent	The Tata Power Company Limited
4.Name of Consultant	NABET Accredited Environmental Consultant : Ecofootforward Environmental Consultancy & Engineers Pvt. Ltd., D/318, Neelkanth Business Park, Ramdev Nagar, Vidyavihar (W), Mumbai-400086 www.ecofootforward.com Tel: 022-25144129, NABET Certificate no: NABET/EIA/1720/IA0028
5.Type of project	Building Construction 8 (a)
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	C. T.S No. 225(pt), 226, 226/1 to 26, 227, 227/1 to 17, 228, 228/1 to 11, 229, 229/1 to 64 & 230(pt) of village Wadhwali, Chembur (West), Mumbai, Maharashtra
9.Taluka	Kurla
10.Village	Wadhwali
Correspondence Name:	Mr. Mahiar Mehta
Room Number:	NA
Floor:	2
Building Name:	Tata Power Receiving Station
Road/Street Name:	BKC Road
Locality:	Opp. Asian Heart Hospital, Bandra (E)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	Letter No. SRA/ENG/2035/ME/PL/LOI dtd. 25/10/2018 IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 72545.94
13.Note on the initiated work (If applicable)	Existing slums were cleared.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Letter No. SRA/ENG/2035/ME/PL/LOI dtd. 25/10/2018
15.Total Plot Area (sq. m.)	24594.02
16.Deductions	4779.99 sq.m
17.Net Plot area	19814.04 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Existing (Prior to 2006) = 2585.90; Proposed = 35724.95; Total = 38310.85 b) Non FSI area (sq. m.): Existing(Prior to 2006) =2078.30; Proposed = 18897.35; Total = 20975.65 c) Total BUA area (sq. m.): 54622.30
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 01-01-1900
19.Total ground coverage (m2)	Existing (Prior to 2006) = 2160.043; Proposed =2908.65; Total = 5068.69


(Narendra Toke)
Shri Narendra Toke
(Secretary SEAC-II)

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

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.60
21. Estimated cost of the project	1970760000

22. Number of buildings & its configuration

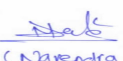
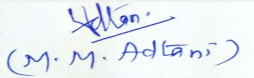
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Guest House - 1 No. (Prior to 2006)	G +2	11.4
2	Hostel Building - 1 No. (Prior to 2006)	Stilt + 8	28.8
3	Rehab buildings - 2 No. (Proposed)	G +21	65.15

23. Number of tenants and shops	1027
24. Number of expected residents / users	3756
25. Tenant density per hectare	1527
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.3 m
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29. Existing structure (s) if any	1 No. Hostel Building S + 8 (FSI : 1470.39 sq.m); 1 No. Guest House G+ 2 (FSI : 1115.51 sq.m); 1 No. Swimming pool (50mtr x 23mtr x 2.1mtr) (Free of FSI : 1059.97 sq.m) ;1 No. Pavilion (Free of FSI : 516.80 sq.m)
30. Details of the demolition with disposal (If applicable)	No demolition of existing structures envisaged as per proposal rehab development.

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: 126 Meeting Date: January 8, 2020	Page 14 of 78	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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Dry season:	Source of water	Municipal Corporation of Greater Mumbai (MCGM)							
	Fresh water (CMD):	Existing (Prior to 2006) = 20; Proposed = 346; Total = 366							
	Recycled water - Flushing (CMD):	Existing (Prior to 2006) = NA; Proposed = 178							
	Recycled water - Gardening (CMD):	Existing (Prior to 2006) = NA; Proposed = 7							
	Swimming pool make up (Cum):	Existing (Prior to 2006) = 12; Proposed = NA							
	Total Water Requirement (CMD) :	Existing (Prior to 2006) = 32; Proposed = 531; Total = 563							
	Fire fighting - Underground water tank(CMD):	Existing (Prior to 2006) = 15; Proposed = 400 ; Total = 415							
	Fire fighting - Overhead water tank(CMD):	Existing (Prior to 2006) = 15; Proposed = 160 ; Total = 175							
	Excess treated water	Existing (Prior to 2006) = NA; Proposed = 212;							
Wet season:	Source of water	Municipal Corporation of Greater Mumbai (MCGM)							
	Fresh water (CMD):	Existing (Prior to 2006) = 20; Proposed = 346; Total = 366							
	Recycled water - Flushing (CMD):	Existing (Prior to 2006) = NA; Proposed = 178							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	Existing (Prior to 2006) = 12; Proposed = NA							
	Total Water Requirement (CMD) :	Existing (Prior to 2006) = 32; Proposed = 524; Total = 556							
	Fire fighting - Underground water tank(CMD):	Existing (Prior to 2006) = 15; Proposed = 400 ; Total = 415							
	Fire fighting - Overhead water tank(CMD):	Existing (Prior to 2006) = 15; Proposed = 160 ; Total = 175							
	Excess treated water	Existing (Prior to 2006) = NA; Proposed = 219;							
Details of Swimming pool (If any)	Existing (Prior to 2006) = 1 No. Swimming pool (50mtr x 23mtr x 2.1mtr)								
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	32	531	563	18	63	81	14	468	482

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34. Rain Water Harvesting (RWH)	Level of the Ground water table:	0.7 m to 1.5 m
	Size and no of RWH tank(s) and Quantity:	12 m * 4.2 m * 4.0 m, 1No. * 200 CMD
	Location of the RWH tank(s):	Located on ground floor of proposed Rehab building 1.
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	7.00 lakh
	Budgetary allocation (O & M cost) :	0.70 lakh
	Details of UGT tanks if any :	Existing (Prior to 2006) <ul style="list-style-type: none"> • Domestic water tanks : 2 No. * 12 CMD • Domestic water tanks : 4 No. * 4 CMD • Fire Fighting tanks : 15 CMD • 2 No. UG water storage tank : 3.7Mtr X 4.3Mtr X 6mtr and 2.7Mtr X 5.8Mtr X 2.7Mtr Proposed : <ul style="list-style-type: none"> • Domestic water tanks : 360 CMD • Fire Fighting tanks : 400 CMD • Rainwater harvesting tank : 200 CMD
35. Storm water drainage	Natural water drainage pattern:	East to West
	Quantity of storm water:	640 cum/hr
	Size of SWD:	300 mm wide, Slope 1:200
Sewage and Waste water	Sewage generation in KLD:	468
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	470
	Location & area of the STP:	At Ground Level of proposed Rehab building 1; Area : 490 sq. m
	Budgetary allocation (Capital cost):	50.00 lakh
	Budgetary allocation (O & M cost):	5.00 lakh
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	300 cum
	Disposal of the construction waste debris:	Disposed through authorized service provider
Waste generation in the operation Phase:	Dry waste:	Existing (Prior to 2006) = 18 kg/day; Proposed = 945 kg/day; Total = 963 kg/day
	Wet waste:	Existing (Prior to 2006) = 26 kg/day; Proposed = 743 kg/day; Total = 769kg/day
	Hazardous waste:	As per generation
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	1.27 kg/day
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	Authorized MPCB recycler
	Wet waste:	Organic Waste Converter (OWC)
	Hazardous waste:	MPCB Authorized service provider
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure in landscaping
	Others if any:	NA
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	25 sq. m
	Area for machinery:	2 m × 1.5 m × 1.5 m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	30.00 lakh
	O & M cost:	3.00 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


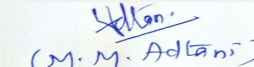
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	DG Waste oil	Schedule IV, Item No. 20	Litres/ 500 hr	Not applicable	15 liters	15 liters	Used Oil will be handled by authorized service provider

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1 No. * 500 kVA	HSD - 107.5 lit/ hr	1	10	0.2	500 ± 50 °C

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	107.5 lit/ hr	107.5 lit/ hr
41. Source of Fuel		Local supplier		
42. Mode of Transportation of fuel to site		Local supplier		

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43.Green Belt Development	Total RG area :	Existing (Prior to 2006) =4410.01; Proposed = 788.00; Total =5198.01 sq.m
	No of trees to be cut :	6
	Number of trees to be planted :	151
	List of proposed native trees :	151
	Timeline for completion of plantation :	8 months during project development stage

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

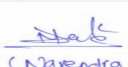
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	BAHUMIA PURPUREA	Kanchan	21	Beautiful pink-violet flowers. Native ornamental tree.
2	AZARDIRACHTA INDICA	Neem	20	Medicinal tree. Native, fast growing tree. Religiously important tree.
3	CASSIA FISTULA	Bahava	18	Popularly known as 'Golden shower' tree for its beautiful yellow hanging flowers. Native ornamental tree. Pods are medicinal.
4	TECTONA GRANDIS	Teak	20	Native tree with well-known for its timber value. Fast growing. Beautiful small white flowers.
5	SARACA INDICA	Sita Ashok	18	Native medicinal tree. Ornamental tree with attractive red-yellow flowers, good foliage.
6	MICHELIA CHAMPACA	Sonchafa	15	Yellow fragrant flowers. Fast growing native ornamental tree.
7	ALBIGIA LEBEK	Shirish	20	Native tree good for shade. Fragrant yellow flowers. Good for roadside plantation.
8	MIMIPUS ELENGI	Bakul	19	Medium sized evergreen tree. Gives thick shade and fragrant Flowers.

45.Total quantity of plants on ground

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

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

47.Energy

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Power requirement:	Source of power supply :	The Tata Power Company Ltd.
	During Construction Phase: (Demand Load)	50 KW
	DG set as Power back-up during construction phase	1 No. * 200 KVA, 1 No. * 62.5 KVA, 1 No.* 40 KVA
	During Operation phase (Connected load):	Existing (Prior to 2006) =626 KW; Proposed = 3232 KW
	During Operation phase (Demand load):	Existing (Prior to 2006) =301 KW; Proposed = 2023 KW
	Transformer:	3 * 800 kVA
	DG set as Power back-up during operation phase:	Existing (Prior to 2006) =200 KVA; Proposed = 1 No. 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:

Energy Saving achieved:

1. Internal Lighting due to LED attachment & fixtures: 263 kW
2. Common Area Lighting due to LED attachment & fixtures: 88 kW
3. External/Landscape Lighting due to LED lamp & timer-based control: 43 kW
4. Parking (Basement + Stilt) Area Lighting due to LED tubes: 44 kW
5. Plumbing, Fire, Equipment & Ventilation installed with premium efficiency: 57 kW
6. Lifts & Escalators installed with VVVF drive: 17 kW
7. Solar PV system: 135 KW


Total Percentage Saving: 20.14 %

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Internal Lighting	10.38
2	Common Area Lighting	3.47
3	External / Landscape Area Lighting	1.69
4	Parking (Basement + Stilt) Area Lighting	1.70
5	Plumbing, Fire, Equipment & Ventilation	2.25
6	Lifts & Escalators	0.67
7	Solar PV system	6.67

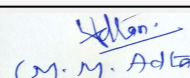
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Domestic Waste Water Discharge	Not available	Sewage treatment plant - 470 CMD capacity
Domestic Solid Biodegradable Waste	Not available	Organic Waste Converter (OWC) unit


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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	104.50 lakh
	O & M cost:	1.40 lakh

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

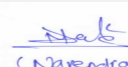
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Mobile toilets No. 40 of units	Domestic sewage management	25.00
2	Solid waste	Domestic & construction waste management	10.00
3	Construction Work	Air (Fugitive emissions) and Noise Pollution (Acoustic screens) control	1.00
4	Environment monitoring	Ambient Air, Noise & Water Quality	1.00
5	Contingencies	PPE, fire safety equipment	3.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	Civil and Equipment Cost along with Operation and Maintenance Cost	50.00	5.00
2	Rain water harvesting tank	Incremental runoff utilization	7.00	0.70
3	Environmental Monitoring	Ambient Air & stack, Water, Noise, Soil Quality monitoring	NA	14.25
4	Energy saving System	Roof insulation, Solar PV system (135 KW)	104.50	1.40
5	Gardening	Green Belt Development	6.00	0.60
6	Solid Waste	Solid Waste Management	30.00	3.00
7	Disaster Management	Emergency response, contingency & utility support	371.00	37.10

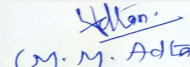
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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


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52.Any Other Information

No Information Available

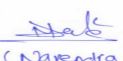
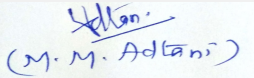
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	Existing (Prior to 2006)=247.50; Proposed=1662.90; Total = 1910.40 sq. m
	Area per car:	13.75 sq. m & 10.35 sq. m
	Area per car:	13.75 sq. m & 10.35 sq. m
	Number of 2-Wheelers as approved by competent authority:	Existing (Prior to 2006) = 18; Proposed=35; Total = 53
	Number of 4-Wheelers as approved by competent authority:	Existing(Prior to 2006) = 23; Proposed = 138; Total = 161
	Public Transport:	NA
Width of all Internal roads (m):	6 m to 7.5 m	
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	6.70 km from "Thane Creek"
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

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Representative of PP was present during the meeting along with environmental consultant. M/s. Ecofootforward Environmental Consultancy & Engineers Pvt. Ltd.

PP informed that, the project under consideration is new building construction project. PP further stated that, the total plot area of the project is 24594.02 Sq.mt having total construction area 54622.30 Sq.mt (FSI - Existing (Prior to 2006) = 2585.90; Proposed = 35724.95; Total = 38310.85 Sq.mt + NON FSI- Existing(Prior to 2006) =2078.30; Proposed = 18897.35; Total = 20975.65 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Guest House - 1 No. (Prior to 2006)	G +2	11.4
Hostel Building - 1 No. (Prior to 2006)	Stilt + 8	28.8
Rehab buildings - 2 No. (Proposed)	G +21	65.15

It is noted that the project earlier considered in 113rd Meeting held on 23-09-2019 & deferred as PP has applied only for rehab portion ie. For 9813.50 Sq.mt. whereas the total plot area is 24594.02 Sq.mt. therefore committee asked PP to resubmit the application & plan with respect to total plot area. Accordingly, PP submitted the EIA & 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

DECISION OF SEAC

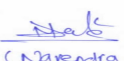
In view of above, the proposal is deferred and shall be considered only after the compliance of below observations.

Specific Conditions by SEAC:

1) Committee noted that, PP has not submitted the application as per total potential of the plot, only part of construction is proposed. PP to resubmit the application & plan with respect to total plot area.

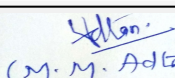
FINAL RECOMMENDATION

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


(Narendra Toke)
Shri Narendra Toke
(Secretary SEAC-II)

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

Agenda of 126th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 126 Meeting Date January 8, 2020

Subject: Environment Clearance for proposed residential cum Commercial project under PMAY Scheme on plot.No.36, Sector 24, Turbhe, Navi Mumbai by Rehab Housing Pvt Ltd.

Is a Violation Case: No

1.Name of Project	Proposed Residential cum Commercial project under PMAY Scheme
2.Type of institution	Private
3.Name of Project Proponent	Rehab Housing Pvt Ltd.
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd; Dr. D. A. Patil
5.Type of project	Housing project under PMAY 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	On plot.No.36, Sector 24, Turbhe, Navi Mumbai
9.Taluka	Thane
10.Village	Turbhe
Correspondence Name:	Rehab Housing Pvt Ltd.
Room Number:	-
Floor:	5th Floor
Building Name:	Gitaneel Arcade, 85
Road/Street Name:	Hill Road
Locality:	Bandra (West)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Navi Mumbai Municipal Corporation (NMMC)
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: In process Approved Built-up Area:
13.Note on the initiated work (If applicable)	No work started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	35,410.280 m2
16.Deductions	-
17.Net Plot area	35,410.280 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 88,167.99 m2 b) Non FSI area (sq. m.): 1,68,748.47 m2 c) Total BUA area (sq. m.): 256916.46
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): - Approved Non FSI area (sq. m.): - Date of Approval: 01-01-1900
19.Total ground coverage (m2)	20,503.11 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.90 %
21.Estimated cost of the project	7510200000

22.Number of buildings & its configuration

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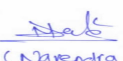
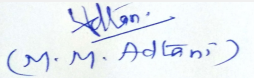
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	MHADA Bldg (Wing A to H)	St + 18th floor	54.99
2	MHADA Bldg (Wing I and J)	St + 19th floor	57.87
3	Sale Bldg (Wing A to H)	B + St + 1st to 3rd Pod + 4th to 23rd Upper floor	69.92

23.Number of tenants and shops	Flats: 2,648 Nos. Shops: 47 Nos.
24.Number of expected residents / users	13,381 Nos.
25.Tenant density per hectare	747/Ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is accessed by 17.60 m wide Janta market Road and 15.00 m and 11.00 m wide DP Road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details


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

32.Total Water Requirement

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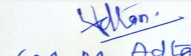
Dry season:	Source of water	NMMC								
	Fresh water (CMD):	1196 KLD								
	Recycled water - Flushing (CMD):	599 KLD								
	Recycled water - Gardening (CMD):	47 KLD								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	1794 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO Norms								
	Fire fighting - Overhead water tank(CMD):	As per CFO Norms								
	Excess treated water	1012 KLD								
Wet season:	Source of water	NMMC + RWH								
	Fresh water (CMD):	1048 KLD + 148 KLD								
	Recycled water - Flushing (CMD):	599 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	1794 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO Norms								
	Fire fighting - Overhead water tank(CMD):	As per CFO Norms								
	Excess treated water	1059 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	
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 - 4 m
	Size and no of RWH tank(s) and Quantity:	4 Nos of RWH Tanks having total Capacity 300 KL
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	Rs. 46 Lakh
	Budgetary allocation (O & M cost) :	Rs. 2.3 Lakh/year
	Details of UGT tanks if any :	Underground
35. Storm water drainage	Natural water drainage pattern:	The slope of the plot is towards west side
	Quantity of storm water:	The storm water generation 2,215.89 m ³ /hr
	Size of SWD:	600 x 600 mm internal SWD drains
Sewage and Waste water	Sewage generation in KLD:	1675 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	3 Nos of STP with 1750 KLD of capacity
	Location & area of the STP:	Ground Floor, Area of STP : 1340 m ²
	Budgetary allocation (Capital cost):	Rs. 340 Lakh
	Budgetary allocation (O & M cost):	Rs. 68 Lakh/year
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris: 7400 m ³ , Excavation for foundation and Basement purpose only.
	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:	2,660 kg/day
	Wet waste:	3,989 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	17 KLD
	Others if any:	Household E-waste generation will be handed over to authorized recyclers.


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Mode of Disposal of waste:	Dry waste:	Dry garbage will be handed over to authorized recyclers.
	Wet waste:	Wet garbage will be composted using Mechanical Composting unit and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	Household E-waste generation will be handed over to authorized recyclers
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	260 m2
	Area for machinery:	130 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 160 Lakh
	O & M cost:	Rs. 64 Lakh/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details


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

40. Details of Fuel to be used

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

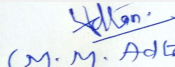
41. Source of Fuel	Not applicable
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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	RG area required: 5,311.542 m2, RG area provided: 9,392.11m2		
	No of trees to be cut :	-		
	Number of trees to be planted :	445 Nos.		
	List of proposed native trees :	Given below		
	Timeline for completion of plantation :	4-5 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	MANILKARA ZAPOTA	Chiku	45	Medium sized tree, fruity plant
2	LAGERSTROEMIA SPECIOSA	Tamhan	42	Edible, mature fruit as medicinal value, Bird and insect attractive.
3	MIMUSOP ELENGI	Bakul	40	As medicinal value, Bird and insect attractive.
4	PONGAMIA PINNATA	Karanj	38	Valued for its oil and insect repellent, having medicinal value.
5	SARACA INDICA	Sita Ashok	35	As medicinal value, Bird and insect attractive.
6	ANTHOCEPHALUS CADAMBA	Kadamba	37	Shady, large tree, ball shaped flowers.
7	BAUHINIA PURPUREA	Apta	38	Small tree with small white flowers, Butterfly host plant
8	MICHELIA CHAMPACA	Chafa	48	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
9	MILLINGTONIA HORTENSIS	Indian cork tree	35	Evergreen Tree
10	NYCTANTHES ARBOR TRISTIS	Parijat	45	Small deciduous fast growing tree, beautiful flowers.
11	POLYALTHIA LONGIFOLIA	Ashoka Tree	42	Shady tree with red-yellow flowers.
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
47.Energy				


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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):	14.5 MW
	During Operation phase (Demand load):	8.0 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	5 X 400 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NIL

48. Energy saving by non-conventional method:

- Solar Hot water will be provided .
- Solar Street lighting in landscape , Common area passages, Open area etc

49. Detail calculations & % of saving:

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

50. Details of pollution control Systems

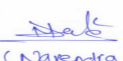

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 160 Lakh
	O & M cost:	Rs.4.0 Lakh/year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	6.0
2	Site sanitation Facility and its maintenance	-	8.0
3	Potable Water Supply to Labour	-	6.0
4	Health Check-up & first aid	-	4.0

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5	Solid waste management	-	5.0
6	Tyre Cleaning	-	4.5
7	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	14.0
8	Traffic Management	Sign Boards, Persons, at entry exit and Parking area	4.5
9	Safety nets	-	12.0
10	Safety Training to Workers	(Twice in Year), Safety Officer	4.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	340	68
2	Solar System	Weekly	160	4
3	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	46	2.3
4	Solid Waste Composting plant	Continuous O & M	160	64
5	Landscape	Daily	78	8
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4

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

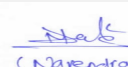
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

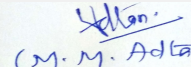
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The project site is accessed by 17.60 m wide Janta market Road and 15.00 m and 11.00 m wide DP Road.
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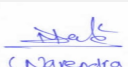
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Parking details:	Number and area of basement:	1 Nos Basement with total area of 9,711.09 m2
	Number and area of podia:	3 Nos of Podium with the total area of 27,887.63 m2
	Total Parking area:	30,944.85 m2
	Area per car:	28.5 m2
	Area per car:	28.5 m2
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	1800 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	Min 6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	NA
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

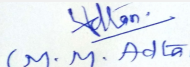
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Representative of 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 new housing project under PMAY Scheme project. PP further stated that, the total plot area of the project is 35,410.280Sq.mt having total construction area 256916.46Sq.mt (FSI - 88,167.99Sq.mt + NON FSI- 1,68,748.47Sq.mt)

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 (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 126 Meeting Date: January 8, 2020	Page 32 of 78	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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After discussion, Committee approved the ToR with following observations & additions, which is valid upto 8/1/2023. EIA will be apprised as & when submitted. Meanwhile PP should comply following points.

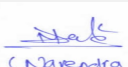
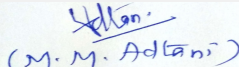
Specific Conditions by SEAC:

- 1) PP to submit & upload the copy of acknowledgement for plan submitted to local planning authority
- 2) PP to submit the railway NoC.
- 3) PP to submit Noise & vibration impact and mitigation measure to be provided for the same.
- 4) PP to submit the hydrology study.
- 5) PP to submit Contour and slope analysis in the project and 500 mtr around the project.
- 6) PP to superimpose layout plan of project on ESZ map of Sanjay Gandhi National/Tungareshwar to verify the distance of project site from ESZ.
- 7) PP to ensure that no plot area falls in CRZ area.
- 8) PP to submit the CFO NoC.
- 9) PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority.
- 10) PP to submit the detail biodiversity chapter in EIA considering the eco-sensitivity of the site.
- 11) PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.
- 12) PP to ensure that maximum treated water should be recycled.
- 13) PP to submit & upload the design & cross section of STPs indicating minimum 40% area open to sky for adequate ventilation.
- 14) PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area.
- 15) PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above

FINAL RECOMMENDATION

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

SEAC-AGENDA-20000380

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Agenda of 126th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 126 Meeting Date January 8, 2020

Subject: Environment Clearance for Expansion and Modification of Residential Project "Bhakti Park" Located at CTS no. 1A/1, 1A/2, 1A/3, 1A/6 of Village Anik, Chembur (M-Ward), Wadala (E), Mumbai, Maharashtra

Is a Violation Case: No

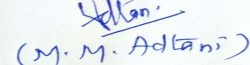
1.Name of Project	Expansion and Modification of Residential Project "Bhakti Park" Located at CTS no. 1A/1, 1A/2, 1A/3, 1A/6 of Village Anik, Chembur (M-Ward), Wadala (E), Mumbai
2.Type of institution	Private
3.Name of Project Proponent	Anik Development Corporation (A division of Ajmera Realty & Infra India Limited)
4.Name of Consultant	EQMS India Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion and Modification
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, vide EC letter no. SEAC 2011/CR-26/TC-2 dated 21st March, 2013
8.Location of the project	CTS no. 1A/1, 1A/2, 1A/3, 1A/6
9.Taluka	Wadala (E)
10.Village	Anik
Correspondence Name:	Sunil Shah
Room Number:	NA
Floor:	2nd
Building Name:	Citi Mall
Road/Street Name:	Link Road
Locality:	Andheri (W)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai, Head Quarter, Mumbai C.S.T. 400001
12.IOD/IOA/Concession/Plan Approval Number	IOD IOD/IOA/Concession/Plan Approval Number: CHE/ES/3635/M/W/337 (NEW)/IOD/1/New (For EWS Block) Approved Built-up Area: 332067
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	111732.32 sq. m.
16.Deductions	No
17.Net Plot area	111732.32 sq. m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 166915.16 b) Non FSI area (sq. m.): 165151.84 c) Total BUA area (sq. m.): 332067
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 166915.16 Approved Non FSI area (sq. m.): 165151.84 Date of Approval: 19-03-2019
19.Total ground coverage (m2)	42324.12
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	37.88
21.Estimated cost of the project	540000000


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22. Number of buildings & its configuration

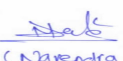
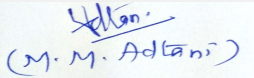
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building 1 (1A & 1B)	B+S+G+8P+30	136.7
2	Building 2 (2A & 2B)	B+S+G+8P+34	146.5
3	Building 3 (3A & 3B)	B+S+G+2P+16	82
4	Building 4 (4A & 4B)	B+S+G+2P+16	82
5	Building 5 (5A & 5B)	B+S+G+2P+16	82
6	EWS Housing	S+G+22	69.35

23. Number of tenants and shops	1452
24. Number of expected residents / users	8712
25. Tenant density per hectare	800
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	12 m and 20 m. (Nearest fire station is at Antop hill which is at distance of 1.5 km from the project site)
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m to 12 m
29. Existing structure (s) if any	Building 1 and 2
30. Details of the demolition with disposal (If applicable)	No demolition is involved in the project

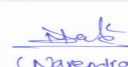
31. Production Details

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

32. Total Water Requirement

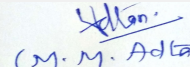
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Dry season:	Source of water	Municipal Supply							
	Fresh water (CMD):	716							
	Recycled water - Flushing (CMD):	308 KLD							
	Recycled water - Gardening (CMD):	60 KLD							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	1084 KLD							
	Fire fighting - Underground water tank(CMD):	1920 KLD							
	Fire fighting - Overhead water tank(CMD):	240 KLD							
	Excess treated water	394 KLD							
Wet season:	Source of water	Municipal Supply							
	Fresh water (CMD):	716							
	Recycled water - Flushing (CMD):	308 KLD							
	Recycled water - Gardening (CMD):	0 KLD							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	1024 KLD							
	Fire fighting - Underground water tank(CMD):	1920 KLD							
	Fire fighting - Overhead water tank(CMD):	240 KLD							
	Excess treated water	454 KLD							
Details of Swimming pool (If any)	Swimming pool is not proposed								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	601	423	1024	Not applicable	Not applicable	Not applicable	559	393	952
Gardening	57	3	60	Not applicable	Not applicable	Not applicable	0	0	0


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Level (May-2011)- 2.65 to 4.25 m bgl Post-monsoon Depth to Water Level (Nov.-2011)- 2.00 to 5.00 m bgl-CGWB data
	Size and no of RWH tank(s) and Quantity:	5 nos of 50 cum. each for buildings approved AS PER EARLIER EC and 1 no. of 45 cum. for proposed EWS building
	Location of the RWH tank(s):	Within the Site
	Quantity of recharge pits:	As per CGWB study carried out in 2013, ground water quality of Chembur is poor and there is heavy metal contamination in the ground water. Thus it is proposed to store the rainfall run-off for direct usage at site and is not recharged to the ground.
	Size of recharge pits :	As per CGWB study carried out in 2013, ground water quality of Chembur is poor and there is heavy metal contamination in the ground water. Thus it is proposed to store the rainfall run-off for direct usage at site and is not recharged to the ground.
	Budgetary allocation (Capital cost) :	2400000 INR
	Budgetary allocation (O & M cost) :	500000 INR
	Details of UGT tanks if any :	Block 1: Fire - 406 KLD x 1 + 214 KLDx1, Domestic - 123 KLD x1+ 140 KLD x1 Flushing : 65 KLD x 2 Rain water harvesting: 50 Cubic meter Block 2 : Fire - 200 KLD x2, Domestic - 150 KLD + 100 KLD Flushing : 78 KLD Block 3 (Proposed Block): Fire : 200 KLDx 1, Domestic - 68 KLD x1 Flushing: 34 KLD x1 Block 4 (Proposed Block) : Fire : 200 KLDx 1, Domestic - 68 KLD x1 Flushing: 34 KLD x1 Block 5 (Proposed Block): Fire : 200 KLDx 1, Domestic - 68 KLD x1 Flushing: 34 KLD x1 EWS: Fire - 75KLD x4, Domestic 50 KLDx 4 Flushing: 93 KLD
35.Storm water drainage	Natural water drainage pattern:	Storm water infrastructure is designed in accordance to the natural drainage pattern following the gravity
	Quantity of storm water:	92258.12 cum.
	Size of SWD:	450 mm x 600 mm
Sewage and Waste water	Sewage generation in KLD:	952
	STP technology:	MBBR
	Capacity of STP (CMD):	1260 KLD
	Location & area of the STP:	430 m ²
	Budgetary allocation (Capital cost):	4160000
	Budgetary allocation (O & M cost):	216000
36.Solid waste Management		

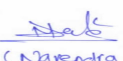

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Waste generation in the Pre Construction and Construction phase:	Waste generation:	Solid waste will be generated during construction phase majorly consisting excavated materials, cement bags, bricks, concrete, MS rods, tiles, wood etc.
	Disposal of the construction waste debris:	Waste handling during the construction phase will be done by the site contractor whose responsibility lies with collection and storage of construction and demolition waste generated on the site. Construction debris will be stored in covered yards. Construction debris will be segregated into re-usable & discarded waste. Re-usable waste will be used within the project site to the extent possible. Discarded waste will be sent to the designated site for construction waste disposal in the area.
Waste generation in the operation Phase:	Dry waste:	1569 kg/day
	Wet waste:	2355 kg/day
	Hazardous waste:	Used oil from DG Set
	Biomedical waste (If applicable):	Not any
	STP Sludge (Dry sludge):	97 kg/day
	Others if any:	E-waste
Mode of Disposal of waste:	Dry waste:	a. Rejected fraction of the waste is collected and disposed by local agencies on daily basis and will be disposed at the locations designated by MCGM b. Recyclable waste and E-waste is sold to authorized vendors
	Wet waste:	Wet waste will be treated in the organic waste convertor to be provided at the site. Residue from OWC will be used as manure
	Hazardous waste:	Used oil from DG sets will be disposed off through authorized vendor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP sludge will be converted to manure and will be used for landscaping within the site replacing the chemical fertilizers
	Others if any:	E-waste will be sold to authorized vendors and room will be provided for storage of e-waste
Area requirement:	Location(s):	Within the project boundary
	Area for the storage of waste & other material:	NA
	Area for machinery:	46.656 sq. m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	2000000
	O & M cost:	600000

37. Effluent Characteristics

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

Note on ETP technology to be used	Not applicable						
Disposal of the ETP sludge	Not applicable						
38.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not Applicable	Not applicable	Not applicable	Not applicable	Not Applicable	Not Applicable
39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	DG Set 1000 kVA	HSD (230 L/Hr)	1	142.7	0.33 m	500 K	
2	DG Set 1000 kVA	HSD (230 L/Hr)	1	152.5	0.33 m	500 K	
3	DG Set 1000 kVA	HSD (230 L/Hr)	1	88	0.33 m	500 K	
4	DG Set 1000 kVA	HSD (230 L/Hr)	1	88	0.33 m	500 K	
5	DG Set 1000 kVA	HSD (230 L/Hr)	1	88	0.33 m	500 K	
6	DG Set 500 kVA	HSD (106 L/Hr)	1	73.85	0.24 m	500 K	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	HSD for DG sets	Not applicable	Not applicable	Not applicable			
41.Source of Fuel		Authorized Vendors					
42.Mode of Transportation of fuel to site		Will be transported in HDPE drums through roads					
43.Green Belt Development		Total RG area :	19889.24 sq. m.				
		No of trees to be cut :	0				
		Number of trees to be planted :	2100				
		List of proposed native trees :	Plumeria alba, bamboo, Sirish, Washingtonia Palm, Neem, Ashoka, Papaya and Ficus sp				
		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	NA	NA	NA	Evergreen, native and pollution resistant species to be planted at the site			
45.Total quantity of plants on ground							
46.Number and list of shrubs and bushes species to be planted in the podium RG:							
Serial Number	Name	C/C Distance	Area m2				
1	NA	NA	NA				
47.Energy							

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Power requirement:	Source of power supply :	TATA
	During Construction Phase: (Demand Load)	125-150 kVA
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	26.85 MW for existing 5 buildings as per Earlier EC and 4.2 MW for proposed EWS
	During Operation phase (Demand load):	22 MW
	Transformer:	For 5 buildings- 2500 * 10 (kVA) + For EWS: 1250 * 2 (kVA)
	DG set as Power back-up during operation phase:	Total 5000 kVA for 5 buildings as per earlier EC-1000 * 5 kVA and for proposed EWS total 500 kVA= 1 * 500 kVA
	Fuel used:	High Speed Diesel
	Details of high tension line passing through the plot if any:	HT line traverses through the boundary wall of the project site. NOC for the TATA has been obtained. No construction will be undertaken in that area.

48. Energy saving by non-conventional method:

- All Pumps and Lifts are proposed on VFD drive which results in 30% energy saving in consumption.
- Installation of the solar panels of 19 KW for EWS block
- Provision of LED lighting for common areas and internal lighting
- Green area will bring the cooling effect and will thus reduce the cooling load
- Usage of low energy embodied locally available construction material. Usage of fly ash mix cement for construction purpose. Usage of excavated soil and construction debris within the project site as filling material by resident
- Orientation of building is aligned north-south and is in accordance to the dominant wind direction which allows natural day lighting in all the rooms in all the apartment and adequate ventilation.
- Overhangs and balconies are provided on windows to control the direct sun heat

49. Detail calculations & % of saving:

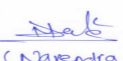

Serial Number	Energy Conservation Measures	Saving %
1	Energy saving with usage of LED for common lighting	0.324% of total energy requirement
2	Energy saving with usage of LED for internal lighting	7.8% of total energy requirement
3	Solar panels	0.123% of total energy requirement
4	Energy saving with energy efficient motors and pumps and lifts	5% of total energy requirement
5	Energy saving with the efficient building material and design	5% of total energy requirement

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:	26100000
	O & M cost:	2900000

51. Environmental Management plan Budgetary Allocation

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a) Construction phase (with Break-up):			
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Health & safety of Workers (PPE, safety officers etc)	PPE	4 Lacs Capital Cost + 1 Lacs Annual Recurring Cost
2	Environmental Monitoring	Air, Soil, Water and Noise	2 Lacs Capital Cost + 2 Lacs Annual Recurring Cost
3	Toilets & Septic Tank and Soak Pits	1 no. of Septic Tank/Soak Pit	4 Lacs Capital Cost + 1 Lacs Annual Recurring Cost
4	Sedimentation tanks	2	3 Lacs Capital Cost + 0.5 Lacs Annual Recurring Cost
5	Covered sheds for storage of material	2	3 Lacs Capital Cost + 0.5 Lacs Annual Recurring Cost

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	1260 KLD	200	15
2	Landscaping & planting trees	19,889.24 sq m	15	5
3	Solid waste Management including STP sludge	3924 kg/day	20	6
4	RWH System	6 nos of RWH tanks (5 X 50 cum+1X 45 cum)	24	5
5	Environmental Monitoring*	Twice in year	2	4

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

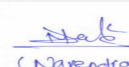
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
HSD	HSD will be stored only for DG sets during operation phase	Will be done in Isolated area i HPDE drums during operation phase	0.01	0.01	0.08	Authorized Vendors	Will be transported in HDPE drums through roads

52.Any Other Information

No Information Available

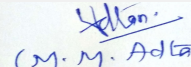
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	There are 2 entrance at the site. movement within the site is majorly through 20 m road. Other roads are of width 9 m
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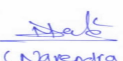
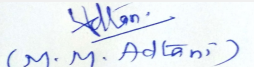

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Parking details:	Number and area of basement:	Block 1- 1 no. of Basement - 1847 sq. m., Block 2-5= 1 no. of basement for each block and area is 771 sq. m. for each block. Total Basement area = 1847+4X771 = 4931 sq m
	Number and area of podia:	Building 1: 38664.65 sq. m., Building 2: 26743.35 sq. m., Building 3-5 : 13422.33 sq. m., EWS: None
	Total Parking area:	46207.17 sq. m.
	Area per car:	For Big Car Park- 5.5 * 2.5 (m2), For Small Car park- 4.5 * 2.3 (m2)
	Area per car:	For Big Car Park- 5.5 * 2.5 (m2), For Small Car park- 4.5 * 2.3 (m2)
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	BEST bus service + Monorail at Bhakti Park
	Width of all Internal roads (m):	6 m, 9 m, 12 m & 20 m
	CRZ/ RRZ clearance obtain, if any:	Yes, CRZ Letter No.- CRZ 2012/CR 18/TC-2 dated 26.12.2012
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Gateway of India- 12.5 km, SW , Elephanta Caves-8.9 km, SE
	Category as per schedule of EIA Notification sheet	8(b) - Township and area development projects
	Court cases pending if any	No
	Other Relevant Informations	Total Built up area of the project is 332067 sq. m.
	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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Representative of PP was present during the meeting along with environmental consultant. M/s EQMS India Pvt. Ltd.

PP informed that, the project under consideration is expansion and modification in existing housing project. PP further stated that, the total plot area of the project is 111732.32 Sq.mt having total construction area 332067 Sq.mt (FSI - 166915.16 Sq.mt + NON FSI- 165151.84 Sq.mt) and the building configuration is as follow-

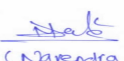
Building Name & number	Number of floors	Height (Mtrs)
Building 1 (1A & 1B)	B+S+G+8P+30	136.7
Building 2 (2A & 2B)	B+S+G+5P+34	146.5
Building 3 (3A & 3B)	B+S+G+3P+16	82
Building 4 (4A & 4B)	B+S+G+3P+16	82
Building 5 (5A & 5B)	B+S+G+3P+16	82
EWS Housing-4 wings	S+G+22	69.35

It is noted that, Project has received Environmental clearance vide letter dated 21st March,2013 for total built up area 332067 Sq.mt

It is noted that the project earlier considered in 118th Meeting held on 23-10-2019 & ToR accorded for the same. Accordingly, PP submitted the EIA & compliance which was taken on record.

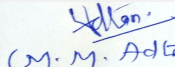
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of 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 deliberation, 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 copy of approved plan.
- 2) PP to ensure that no construction should be carried out in CRZ area or Green zone area. Local planning authority to ensure the same.
- 3) PP to follow the conditions laid down by MCZMA.
- 4) PP to abide by all conditions laid down in Nalla remarks. PP to also ensure that no nalla should be diverted or close by slab except on the portion of approach road width.
- 5) PP to explore measures to use maximum treated waste water to reduce disposal to 35%. Also to explore the possibility to make it zero discharge.
- 6) After nalla crossing anik wadala, round about (Y Shaped) should be provide for 12 mt wide road to go for EWS building.
- 7) PP to ensure ECBC norms are complied with.
- 8) As agreed by PP, PP to submit the copy of MoU regarding restoration & beautification of adjoining/abutting Mahul nalla in collaboration with NEERI under "Restoration of Nallahs with Ecological Units (RENEU)" & MMRDA or local planning authority as a part of CER activity. PP to ensure that, the installation of restoration work should be completed prior to construction of EWS building.
- 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

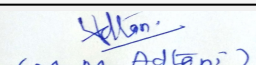
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions


(Narendra Toke)

**Shri Narendra Toke
(Secretary SEAC-II)**

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(M. M. Adtani)

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

Agenda of 126th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 126 Meeting Date January 8, 2020

Subject: Environment Clearance for Environmental Clearance for Proposed Residential cum Commercial Project on plot bearing S, No-135 at Village Kausa, Mumbra, Taluka & Dis Thane by Skylark Infrastructure

Is a Violation Case: No

1. Name of Project	Skylark Infrastructure
2. Type of institution	Private
3. Name of Project Proponent	Skylark Infrastructure
4. Name of Consultant	Mahabal Enviro Engg. Pvt. Ltd.; Dr. D. A. Patil
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	on plot bearing S, No-135 at Village Kausa, Mumbra, Taluka & Dis Thane
9. Taluka	Thane
10. Village	Kausa, Mumbra
Correspondence Name:	Skylark Infrastructure
Room Number:	Plot No-135,
Floor:	-
Building Name:	Mukta Gharonda, Opposite Symbiosis School
Road/Street Name:	On Kausa Bypass Exit
Locality:	Kausa, Mumbra
City:	Thane
11. Whether in Corporation / Municipal / other area	Thane Municipal Corporation
12. IOD/IOA/Concession/Plan Approval Number	- IOD/IOA/Concession/Plan Approval Number: In process Approved Built-up Area:
13. Note on the initiated work (If applicable)	NA
14. LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15. Total Plot Area (sq. m.)	13,400.00 m ²
16. Deductions	1,400.53 m ²
17. Net Plot area	11,999.47 m ²
18 (a). Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 22,070.47 m ² b) Non FSI area (sq. m.): 7,163.11 m ² c) Total BUA area (sq. m.): 29233.58
18 (b). Approved Built up area as per DCR	Approved FSI area (sq. m.): - Approved Non FSI area (sq. m.): - Date of Approval: 01-01-1900
19. Total ground coverage (m ²)	4469.00 m ²
20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35 %
21. Estimated cost of the project	650000000

22. Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Coral (Wing A,B,C)	Gr/St + 1st to 7th floor	23.80	
2	Pearl (Wing A,B,C,D)	Gr/St + 1st to 7th floor	23.80	
3	Emerald (Wing A,B,C,D,E)	Gr/St + 1st to 7th floor	23.80	
4	Sapphire (Wing A,B,C,D)	Gr/St + 1st to 7th floor	23.80	
23.Number of tenants and shops	Flats: 507 Nos Commercial shops : 21 Nos having 422.74 m2 area			
24.Number of expected residents / users	2,577 Nos.			
25.Tenant density per hectare	426/Ha			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is accessed by 12.00 m & 30.0 m wide DP Road.			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m			
29.Existing structure (s) if any	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

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Dry season:	Source of water	TMC							
	Fresh water (CMD):	229							
	Recycled water - Flushing (CMD):	115							
	Recycled water - Gardening (CMD):	15							
	Swimming pool make up (Cum):	5							
	Total Water Requirement (CMD) :	349							
	Fire fighting - Underground water tank(CMD):	As per NBC							
	Fire fighting - Overhead water tank(CMD):	As per NBC							
	Excess treated water	188							
Wet season:	Source of water	TMC+RWH							
	Fresh water (CMD):	173							
	Recycled water - Flushing (CMD):	115							
	Recycled water - Gardening (CMD):	15							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	349							
	Fire fighting - Underground water tank(CMD):	As per NBC							
	Fire fighting - Overhead water tank(CMD):	As per NBC							
	Excess treated water	203							
Details of Swimming pool (If any)	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	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 to 4 m
	Size and no of RWH tank(s) and Quantity:	4 Nos. of RWH Tank with the total 115 m ³ of capacity
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	8 Nos of Pits proposed
	Size of recharge pits :	Width of the pits: 3, Length of the pits: 3
	Budgetary allocation (Capital cost) :	Rs. 26 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.3 Lakh/year
	Details of UGT tanks if any :	Underground
35. Storm water drainage	Natural water drainage pattern:	Towards North direction
	Quantity of storm water:	1,462.51 m ³ /hr
	Size of SWD:	500 x 550 mm wide internal SWD drain.
Sewage and Waste water	Sewage generation in KLD:	321 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 STP of total capacity 350 KLD
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs. 81 Lakhs
	Budgetary allocation (O & M cost):	Rs. 19 Lakhs/year
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris: 850 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:	510 kg/d
	Wet waste:	766 kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	3 m ³ /day
	Others if any:	-

Mode of Disposal of waste:	Dry waste:	Dry garbage will be handed over 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:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge will be used as manure for gardening
	Others if any:	-
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	60 m ²
	Area for machinery:	30 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	32 Lakhs
	O & M cost:	13 Lakhs/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

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

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43.Green Belt Development	Total RG area :	Total RG provided: 3,003.11 m2
	No of trees to be cut :	Nil
	Number of trees to be planted :	150 Nos
	List of proposed native trees :	As below
	Timeline for completion of plantation :	2-3 years

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

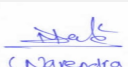

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	MIMUSOP ELENGI	Bakul	25	As medicinal value, Bird and insect attractive.
2	PONGAMIA PINNATA	Karanj	15	Valued for its oil and insect repellent, having medicinal value.
3	SARACA INDICA	Sita Ashok	20	As medicinal value, Bird and insect attractive.
4	ANTHOCEPHALUS CADAMBA	Kadamba	15	Shady, large tree, ball shaped flowers.
5	BAUHINIA PURPUREA	Apta	20	Small tree with small white flowers, Butterfly host plant
6	MICHELIA CHAMPACA	Chafa	15	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
7	MILLINGTONIA HORTENSIS	Indian cork tree	15	Evergreen Tree
8	NYCTANTHES ARBOR TRISTIS	Parijat	25	Small deciduous fast growing tree, beautiful flowers.

45.Total quantity of plants on ground

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

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

47.Energy

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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	200 kVA
	DG set as Power back-up during construction phase	200 kVA
	During Operation phase (Connected load):	6.82 MW
	During Operation phase (Demand load):	1.53 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	3 X 200 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar Hot water panel to Residential Buildings, Solar Street lighting in landscape

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saving	20.48 %

50. Details of pollution control Systems

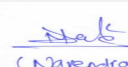
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 45 Lakhs
	O & M cost:	Rs. 2.3 Lakhs/year

51. Environmental Management plan Budgetary Allocation

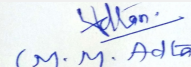
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	4
2	Site sanitation Facility and its maintenance	-	3
3	Potable Water Supply to Labour	-	3
4	Solid waste management	-	4
5	Disinfection	-	3


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6	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Goagles, Hand Gloves etc.)	4
7	Traffic Management (Sign Boards, Persons, at entry exit and Parking area)	-	2
8	Safety nets	-	5
9	Safety Training to Workers (Twice in Year), Safety Officer	-	5
10	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)	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	STP (Tertiary)	Continuous O & M	81	19
2	Solar System	Weekly	45	2.3
3	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	26	1.3
4	Solid Waste Composting plant	Continuous O & M	32	13
5	Landscape	Daily	30	3
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4

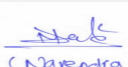

51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

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

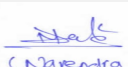
53.Traffic Management

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	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	4306.34 m ²
	Area per car:	30 m ²
	Area per car:	30 m ²
	Number of 2-Wheelers as approved by competent authority:	528 Nos.
	Number of 4-Wheelers as approved by competent authority:	368 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	-
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

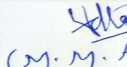
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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


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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-0000000380

Representative of PP Mr. Khan was present during the meeting along with environmental consultant. M/s. Mahabal Enviro Engg. Pvt. Ltd.

PP informed that, the project under consideration is expansion new housing project. PP further stated that, the total plot area of the project is 13,400.00 Sq.mt having total construction area 36907.14Sq.mt (FSI - 22,070.47 Sq.mt + NON FSI- 14836.67 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Coral (Wing A,B,C)	Gr/St + 1st to 7th floor	23.80
Pearl (Wing A,B,C,D)	Gr/St + 1st to 7th floor	23.80
Emerald(Wing ,B,C,D,E)	Gr/St + 1st to 7th floor	23.80
Sapphire(Wing A,B,C,D)	Gr/St + 1st to 7th floor	23.80

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.

DECISION OF SEAC


After deliberation, 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 has circulated the revised CS, PP to revise the same online also.
- 2) PP to upload the copy of approved plan.
- 3) PP to provide the thick vegetative barriers & acoustic barriers to mitigate the noise pollution.
- 4) PP to upload the sewerage network, water supply, storm water drain NOC from local planning authority.
- 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.

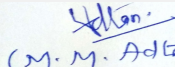
FINAL RECOMMENDATION

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


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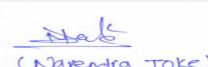
Agenda of 126th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 126 Meeting Date January 8, 2020

Subject: Environment Clearance for Proposed Amendment & Expansion of Residential Project at S. No. 280/2B2, 281/2A/1A, 288/2D/1B at village Majiwade, Tal & Dist Thane. Maharashtra proposed by Ardent Properties Pvt. Ltd.

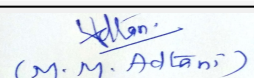
Is a Violation Case: No

1.Name of Project	Ardent Properties Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Ardent Properties 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 and Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Obtained Prior EC Obtained Vide No. SEAC 2015/CR. 135/TC.1 dated 18.07.2016 and Amendment in EC - SEIAA- EC -0000000410 dated 01.09.2018
8.Location of the project	At Plot Bearing S. No. 280/2B2, 281/2A/1A, 288/2D/1B at village Majiwade, Tal. & Dist .Thane, Maharashtra
9.Taluka	Thane
10.Village	Majiwade
Correspondence Name:	Shri. Santosh Gotmare
Room Number:	--
Floor:	-
Building Name:	E" Block, Voltas Compound,
Road/Street Name:	T. B. Kadam Marg,
Locality:	Chinchpokli,
City:	Mumbai 400 013
11.Whether in Corporation / Municipal / other area	Thane Municipal Corporation (TMC)
12.IOD/IOA/Concession/Plan Approval Number	1) V.P. S04/0087/15/TMC/TDD/2161/17 Dated 27.04.2017 2) V.P. S04/0087/15/TMC/TDD/3014/19 Dated 13.03.2019 IOD/IOA/Concession/Plan Approval Number: 1) V.P. S04/0087/15/TMC/TDD/2161/17 Dated 27.04.2017 2) V.P. S04/0087/15/TMC/TDD/3014/19 Dated 13.03.2019 Approved Built-up Area: 109408.61
13.Note on the initiated work (If applicable)	As of today , we have constructed total constructed area is 77924.70 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	1) V.P. S04/0087/15/TMC/TDD/2161/17 Dated 27.04.2017 2) V.P. S04/0087/15/TMC/TDD/3014/19 Dated 13.03.2019
15.Total Plot Area (sq. m.)	29,600.00 m2
16.Deductions	8,094.35 m2
17.Net Plot area	21,505.65 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 54,694.39 m2 b) Non FSI area (sq. m.): 77,426.97 m2 c) Total BUA area (sq. m.): 132121.36
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 43637.92 m2 Approved Non FSI area (sq. m.): 65770.69 m2 Date of Approval: 13-03-2019
19.Total ground coverage (m2)	16,842.43 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	56.90 %
21.Estimated cost of the project	5700000000


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SEAC-II)

22. Number of buildings & its configuration

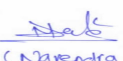
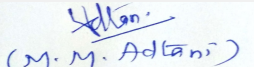
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Tower 1-A	LG + UG + G + Pod + 27F	91.90
2	Tower 1-B	LG + UG + G + Pod + 27F	91.90
3	Tower 2	LG + UG + G + Pod + 31F	106.70
4	Tower 3	LG + UG + G + Pod + 27F	94.30
5	Tower 4	LG + UG + G + Pod + 31 F	101.90

23. Number of tenants and shops	Flats : 728 Nos. Shops : 68.63 m ² (2 nos) Club House
24. Number of expected residents / users	3747 Nos
25. Tenant density per hectare	251 Tenements / Ha
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	40 m wide Pokhran Road No. 2
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m - 12 m
29. Existing structure (s) if any	Nil
30. Details of the demolition with disposal (If applicable)	-

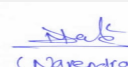
31. Production Details

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

32. Total Water Requirement

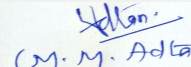
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Dry season:	Source of water	TMC								
	Fresh water (CMD):	329 KLD								
	Recycled water - Flushing (CMD):	167 KLD								
	Recycled water - Gardening (CMD):	31 KLD								
	Swimming pool make up (Cum):	8 KLD								
	Total Water Requirement (CMD) :	504 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	260 KLD								
Wet season:	Source of water	TMC + RWH								
	Fresh water (CMD):	276 KLD +53 KLD								
	Recycled water - Flushing (CMD):	167 KLD								
	Recycled water - Gardening (CMD):	0 KLD								
	Swimming pool make up (Cum):	8 KLD								
	Total Water Requirement (CMD) :	504 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	291 KLD								
Details of Swimming pool (If any)	Yes, Swimming pool of size 15.4 m X 11.5 m									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

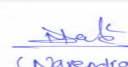

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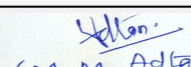

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34. Rain Water Harvesting (RWH)	Level of the Ground water table:	5.5 m
	Size and no of RWH tank(s) and Quantity:	3 RWH tanks with total capacity: 106 m ³
	Location of the RWH tank(s):	Below ground
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	Rs. 24 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 1 Lakhs/ Y
	Details of UGT tanks if any :	UG tanks will be provided at UGF level
35. Storm water drainage	Natural water drainage pattern:	The slope of the site and area is towards North side.
	Quantity of storm water:	2,434.30 m ³ / hr
	Size of SWD:	600 mm wide drain channel
Sewage and Waste water	Sewage generation in KLD:	463 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 STP of Total Capacity 500 KLD
	Location & area of the STP:	Lower Ground Floor
	Budgetary allocation (Capital cost):	Rs. 105 Lakhs
	Budgetary allocation (O & M cost):	Rs. 20 Lakhs/ Y
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris: : 1600 m ³
	Disposal of the construction waste debris:	The construction debris will be used at site for site formation
Waste generation in the operation Phase:	Dry waste:	737 kg/d
	Wet waste:	1104 kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	5 KLD
	Others if any:	Household E waste generation


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Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	The E-waste shall be handed over to authorized vendor by MPCB.
Area requirement:	Location(s):	Lower ground
	Area for the storage of waste & other material:	120 m ²
	Area for machinery:	50 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 48 Lakhs
	O & M cost:	Rs. 19.2 Lakhs/ Y

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 :	RG area provided : 6103.15 m2
	No of trees to be cut :	No of trees to be cut : 53 nos , , Tress to be transplanted : 79 Nos
	Number of trees to be planted :	Trees to be planted : 430 Nos
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	Will be planted after completion of construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	40	Shady tree, yellowish green fragrant flowers
2	Pongamia pinnata	Karanj	45	Shady tree.
3	Bombax ceiba	Katesavar	31	Large tree, red flowers.
4	Anthocephallus cadamba	Kadamb	40	Shady, large tree, ball shaped flowers.
5	Cassia fistula	Bahava	39	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
6	Mimusops elengi	Bakul	38	Shady tree, small white fragrant flowers
7	Nyctanthes arbor-tristis	Parijatak	29	Small deciduous fast growing tree, beautiful flowrers.
8	Michelia champaca	Son chafa	40	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
9	Bauhinia racemosa	Apta	40	Small tree with small white flowers, Butterfly host plant
10	Saraca Asoka	Sita Ashok	50	Shady tree with red yellow flowers
11	Alstonia Scholaris	Satwin	38	Shady Tree, white fragrant flowers

45.Total quantity of plants on ground

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

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	250 kVA
	DG set as Power back-up during construction phase	220 kVA
	During Operation phase (Connected load):	14 MW
	During Operation phase (Demand load):	5.7 MW
	Transformer:	--
	DG set as Power back-up during operation phase:	1130 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Nil

48. Energy saving by non-conventional method:

Solar Hot water system for residential Buildings

49. Detail calculations & % of saving:

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

50. Details of pollution control Systems

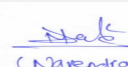
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	40 Lakhs
	O & M cost:	2 Lakhs/ Year

51. Environmental Management plan Budgetary Allocation

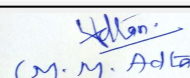
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	5
2	Site sanitation and Facility and Potable Water Supply to Labor	-	10
3	Health Check-up & first aid	-	5
4	Solid Waste Management	-	5
5	Disinfection	-	3


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6	Safety Personal Protective Equipment	Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	12
7	Traffic Management	Sign Boards, Persons at entry exit and Parking area	4
8	Safety nets	--	25
9	Storm water Management	SWD along plot boundary and Sedimentation Pits	4
10	Tyre cleaning and Vehicle maintenance	-	3
11	Safety Training to Workers	Twice in Year	7
12	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	5

b) Operation Phase (with Break-up):


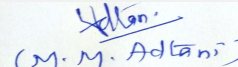
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	105.0	20.0
2	Solar System	Weekly	40.0	2.0
3	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	24.0	1.0
4	Solid Waste Composting plant	Continuous O & M	48.0	19.2
5	Landscape	Daily	53.7	8.1
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4.0

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

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

52.Any Other Information

No Information Available

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53. Traffic Management

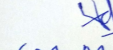
	Nos. of the junction to the main road & design of confluence:	Pokhran Road No. 2
Parking details:	Number and area of basement:	Lower Ground area : 16842.54 m2, Upper Ground area :16842.54 m2,
	Number and area of podia:	1 Podium Area : 11221.59 m2
	Total Parking area:	31567.32 m2
	Area per car:	30.35 m2
	Area per car:	30.35 m2
	Number of 2-Wheelers as approved by competent authority:	770 nos
	Number of 4-Wheelers as approved by competent authority:	1102 nos
	Public Transport:	--
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: 1.12 km. The project is located outside the ESZ area of SGNP.
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	No
	Other Relevant Informations	<p>There is no change in the Project cost as per Earlier EC dated 01.09.2018 . There are minor changes in the project.</p> <p>Total project cost is Rs. 570 Cr. Out of which Scrutiny fee for Rs. 400 Cr. is already paid for earlier EC received dated 18/07/2016 . Earlier payment details are as follows: Account No. 00600350068252 Date: 22.09.2015 Reference No. HDFCR52015092206141363 Transaction Details: RTGS DR - SBIN0005350-SEIAA SEAC Additional project cost 170 Cr, the payment was paid Payment details are as follows: Account No. 00000036727157610 Dated : 23/02/2018</p>
	Have you previously submitted Application online on MOEF Website.	No


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	Date of online submission	-
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	-	
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-0000000380

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

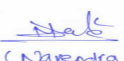
PP informed that, the project under consideration is amendment and expansion in existing expansion project. PP further stated that, the total plot area of the project is 29,600.00 Sq.mt having total construction area 132121.36 Sq.mt (FSI - 54,694.39 Sq.mt + NON FSI- 77,426.97 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Tower 1-A	LG + UG + G + Pod + 27F	91.90
Tower 1-B	LG + UG + G + Pod + 27F	91.90
Tower 2	LG + UG + G + Pod + 31F	106.70
Tower 3	LG + UG + G + Pod + 27F	94.30
Tower 4	LG + UG + G + Pod + 31 F	101.90

It is noted that, Project has received Environmental clearance vide letter dated 01.09.2018.

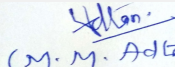
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of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

DECISION OF SEAC


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



Specific Conditions by SEAC:

- 1) PP to submit the copy of approved plan.
- 2) PP to ensure that 3mt width of 12 mt wide drive way should be made as paved RG by green pavers. Also balanced open spaces beyond drive way should also be converted into RG.
- 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-00000000530

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Agenda of 126th (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 126 Meeting Date January 8, 2020

Subject: Environment Clearance for Proposed Residential Project under SRA Scheme on plot bearing S. No. 646, of TPS III & part of 40.00 m wide T.P road for 'Om Sainath SRA CHS ' (proposed), at Kapad Bazar Road, Village & Division Mahim, Mumbai Tal. & Dist. Mumbai, State - Maharashtra by Risisng Sun Impex Pvt.Ltd

Is a Violation Case: No

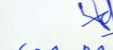
1.Name of Project	Residential Project under SRA Scheme
2.Type of institution	Private
3.Name of Project Proponent	Rising Sun Impex Pvt. Ltd
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd. Dr. D. A. Patil
5.Type of project	Residential Project under SRA Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	New Project (SRA Scheme)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing S. No. 646, of TPS III & part of 40.00 m wide T.P road for 'Om Sainath SRA CHS '(proposed) , at Kapad Bazar Road , Village & Division Mahim , Mumbai Tal. & Dist. Mumbai, State - Maharashtra.
9.Taluka	Mumbai
10.Village	Mahim
Correspondence Name:	Mr. Vinay Kedia
Room Number:	202
Floor:	2nd floor
Building Name:	Prestige Precinct
Road/Street Name:	Almeida road
Locality:	Near Nitin Castings Ltd.
City:	Panchpakhadi Thane
11.Whether in Corporation / Municipal / other area	Municipal Corporation Of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	In Process IOD/IOA/Concession/Plan Approval Number: In Process Approved Built-up Area:
13.Note on the initiated work (If applicable)	No work started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	4659.73 m2
16.Deductions	0
17.Net Plot area	4659.73 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 35,942.85 m2
	b) Non FSI area (sq. m.): 35,668.96 m2
	c) Total BUA area (sq. m.): 71611.81
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 14-06-2019
19.Total ground coverage (m2)	2300.84
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49.38 %
21.Estimated cost of the project	2447500000


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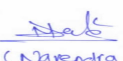
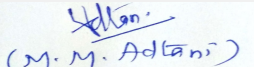
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sale Building	B + Gr + 10 P + E-Deck Lvl. + 38 UF.	164.00 m
2	Rehab Building	Gr + 22 UF (2nd & 3rd Lvl. Pt. Parking)	69.60 m
23.Number of tenants and shops	Flats: (Sale) 179 nos, (Rehab) 277 nos, Commercial: 45 nos Amenity Units: 15		
24.Number of expected residents / users	2448 nos		
25.Tenant density per hectare	991 Tenement/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))	15.24 m Kapad Bazar Road & 12.19 m T.P road joining to Sitladevi Temple Road and nearest fire station in at Shivaji Park- 0.8 km		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m		
29.Existing structure (s) if any	Yes		
30.Details of the demolition with disposal (If applicable)	Existing slums on site will be demolished.		

31.Production Details

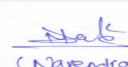
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

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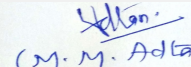
Dry season:	Source of water	MCGM								
	Fresh water (CMD):	209 KLD								
	Recycled water - Flushing (CMD):	106 KLD								
	Recycled water - Gardening (CMD):	2 KLD								
	Swimming pool make up (Cum):	5 KLD								
	Total Water Requirement (CMD) :	320 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	183 KLD								
Wet season:	Source of water	MCGM + RWH								
	Fresh water (CMD):	175 KLD + 34 KLD								
	Recycled water - Flushing (CMD):	106 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	320 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	185 KLD								
Details of Swimming pool (If any)	Yes provided Size of (13.79 m X 6.70 m)									
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:	3 - 4 mts
	Size and no of RWH tank(s) and Quantity:	2 no of RWH tanks of total Capacity of 70 m ³
	Location of the RWH tank(s):	Under Ground
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	16 Lakhs
	Budgetary allocation (O & M cost) :	1 Lakh/year
	Details of UGT tanks if any :	Under ground
35.Storm water drainage	Natural water drainage pattern:	Towards North-East side
	Quantity of storm water:	536.78 m ³ /hr
	Size of SWD:	300 mm X 500 mm
Sewage and Waste water	Sewage generation in KLD:	294 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	2 STP of total capacity 350 KLD
	Location & area of the STP:	Sale Bldg : under Gr. Level (70.17 m ²) , Rehab Bldg : Basement (120.64 m ²)
	Budgetary allocation (Capital cost):	81 Lakhs
	Budgetary allocation (O & M cost):	19 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris: 2000 m ³
	Disposal of the construction waste debris:	The construction debris will be used at site for site formation.
Waste generation in the operation Phase:	Dry waste:	469 kg/day
	Wet waste:	705 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	3 KLD
	Others if any:	Household E waste generation


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Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	The E-waste shall be handed over to authorized MPCB vendor
Area requirement:	Location(s):	Ground Floor/ Basement
	Area for the storage of waste & other material:	60 m ²
	Area for machinery:	40 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	30 Lakhs
	O & M cost:	12 Lakhs /year

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

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

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

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43.Green Belt Development	Total RG area :	RG provided: 373.06 m2
	No of trees to be cut :	Trees on site : 3 Nos , Trees to be Cut :3 Nos
	Number of trees to be planted :	Trees to be planted : 58 Nos
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	2-3 years

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

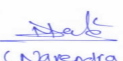
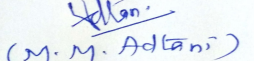
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	7	Shady tree, yellowish green fragrant flowers
2	Pongamia pinnata	Karanj	8	Shady tree.
3	Bombax ceiba	Katesavar	8	Large tree, red flowers.
4	Anthocephallus cadamba	Kadamb	5	Shady, large tree, ball shaped flowers
5	Cassia fistula	Bahava	8	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
6	Mimusops elengi	Bakul	7	Shady tree, small white fragrant flowers
7	Nyctanthes arbor-tristis	Parijatak	5	Small deciduous fast growing tree, beautiful flowers.
8	Michelia champaca	Son chafa	5	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
9	Bauhinia racemosa	Apta	5	Small tree with small white flowers, Butterfly host plant-

45.Total quantity of plants on ground

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

Serial Number	Name	C/C Distance	Area m2
1	0	0	0

47.Energy

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Power requirement:	Source of power supply :	BEST Undertaking / Tata Power
	During Construction Phase: (Demand Load)	200kVA
	DG set as Power back-up during construction phase	100 kVA
	During Operation phase (Connected load):	4.7 MW
	During Operation phase (Demand load):	2.5 MW
	Transformer:	Sale: 2 X 1250 kVA Rehab : 1 X1250 kVA
	DG set as Power back-up during operation phase:	Sale : 1 X 750 kVA Rehab : 1 X 380 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	-

48. Energy saving by non-conventional method:

Solar Hot water system for residential Buildings

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:	26 Lakhs
	O & M cost:	1 Lakh/year

51. Environmental Management plan Budgetary Allocation

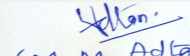
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	5
2	Site sanitation and Facility and its maintenance and Potable Water Supply to Labor	-	8
3	Solid Waste Management	-	5
4	Disinfection	-	3


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5	Safety Personal Protective Equipment	Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	8
6	Traffic Management	(Sign Boards, Persons at entry exit and Parking area)	4
7	Safety nets	-	8
8	Safety Training to Workers	-	7
9	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	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	STP (Tertiary)	Continuous O & M	81	19
2	Solar System	Weekly	26	1
3	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	16	1
4	Solid Waste Composting plant	Continuous O & M	32	13
5	Landscape	Daily	4	1
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	0	4

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

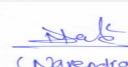
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

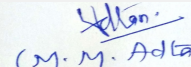
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Site is situated on Kapad bazar main road on north side and is connected to 12.19 mts T.P. road on other side connecting to Sitladevi Temple Road.
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(Narendra Toke)
Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 126 Meeting Date: January 8, 2020

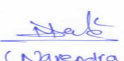
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(M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)

Parking details:	Number and area of basement:	Sale : 1 Basement , Area : 2072 m2
	Number and area of podia:	Sale : 10 Podium levels , Area of each Podium - 1319.43 m2 , Rehab: 2 Podiums (Part. floor.) , Area of each Part Flr. - 906.60 m2
	Total Parking area:	Total Parking area : 18,400.80 m2
	Area per car:	Sale: 39.40 m2. Rehab : 28.33 m2
	Area per car:	Sale: 39.40 m2. Rehab : 28.33 m2
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	485 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	6 m to 9 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

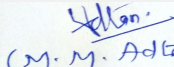
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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


 (Narendra Toke)
Shri Narendra Toke
 (Secretary SEAC-II)

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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	-

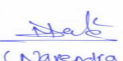
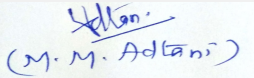
Brief information of the project by SEAC

Representative of 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 is new residential under SRA scheme project. PP further stated that, the total plot area of the project is 4659.73 Sq.mt having total construction area 66375.14 Sq.mt (FSI - 30706.18 Sq.mt + NON FSI- 35668.96 Sq.mt)

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.

DECISION OF SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 126 Meeting Date: January 8, 2020	Page 77 of 78	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of below points.

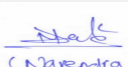
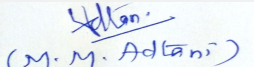
Specific Conditions by SEAC:

- 1) Committee noted that around 50% waste water is proposed to be disposed off in the sewer. PP to provide measures to use maximum treated waste water to reduce disposal to 35%.
- 2) PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority.
- 3) PP to provide window in passage & corridor to maintain 100 lux of daylight.
- 4) PP to upload the aviation NoC.
- 5) Committee noted that paved RG which is part of drive way counted in RG, PP to deduct that RG & to provide requisite RG as per DCR.
- 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

SEAC-AGENDA-0000000300

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 126 Meeting Date: January 8, 2020	Page 78 of 78	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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