

130th SEAC-2 meeting

SEAC Meeting number: 130 Meeting Date February 27, 2020

Subject: Environment Clearance for Proposed project "Sai World Legend" at Plot no. 6(P), 7 & 8, CTS No. 1618, 1619A, 1625 & 1626A, Ulhasnagar -1. by M/s. Chariot Properties LLP

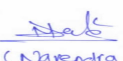
Is a Violation Case: No

1.Name of Project	Sai World Legend
2.Type of institution	Private
3.Name of Project Proponent	M/s. Chariot Properties LLP
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt Ltd
5.Type of project	Residential and commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot no. 6(P), 7 & 8, CTS No. 1618, 1619, 1625 & 1626 A, Ulhasnagar -1
9.Taluka	Ulhasnagar
10.Village	Ulhasnagar
Correspondence Name:	M/s. Chariot Properties LLP
Room Number:	1701
Floor:	17th
Building Name:	Satra plaza
Road/Street Name:	Palm beach road
Locality:	Sector 19 D Vashi
City:	Navi Mumbai
11.Whether in Corporation / Municipal / other area	Ulhasnagar Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Approval is in process IOD/IOA/Concession/Plan Approval Number: Approval is in process Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	31535.65 sqm
16.Deductions	4869.87 sqm
17.Net Plot area	26665.78 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Basic 1 FSI = 26665.78 TDR (Basic X 1.4)= 37332.09 Total = 63997.87 b) Non FSI area (sq. m.): 46350.15 c) Total BUA area (sq. m.): 110348.02
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Proposal submitted in UMC on 17.02.2020 for Approval Approved Non FSI area (sq. m.): - Date of Approval: 17-02-2020
19.Total ground coverage (m2)	11482.00 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	36.50 %
21.Estimated cost of the project	2300000000

22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building No. 1, 2, 3 and 4	Gr + 1st Stilt PARKING + 2nd PODIUM + 3rd to 27th Floor	89.20	
2	Commercial	G + 2 floors	12.10	
3	Club house	GROUND, 1ST & 2ND FLOOR	12.95	
23.Number of tenants and shops	Residential: 600 no's Shops: 18 no's Offices: 74 no's And Club House			
24.Number of expected residents / users	Residential: 3300 nos, Shops: 54 nos, Office: 296 nos, Club house: 280 nos, Total: 3930 nos.			
25.Tenant density per hectare	225 Tenants / hectore			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.00 m wide D.P road & 36.00 m wide Kalyan Murbad road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min. 9.00 m			
29.Existing structure (s) if any	Nil			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

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Dry season:	Source of water	UMC/Recycle water from STP							
	Fresh water (CMD):	306							
	Recycled water - Flushing (CMD):	157							
	Recycled water - Gardening (CMD):	29							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	492							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	Residential : 10 Cum on each building Commercial: 5 cum							
	Excess treated water	225							
Wet season:	Source of water	UMC/Recycle water from STP /RWH							
	Fresh water (CMD):	306							
	Recycled water - Flushing (CMD):	157							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	463							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	Residential : 10 Cum on each building Commercial - 5 cum							
	Excess treated water	254							
Details of Swimming pool (If any)									
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:	2.1 to 3.1 Mtrs
	Size and no of RWH tank(s) and Quantity:	306 cum
	Location of the RWH tank(s):	Below ground level
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	12 Lakhs
	Budgetary allocation (O & M cost) :	1 Lakh/Annum
	Details of UGT tanks if any :	Domestic tank: Residential 450 cum + Commercial : 15 cum Flushing tank: Residential 270 cum + Commercial : 15 cum Fire tank: 200 cum RWH tank Capacity: 306 cum


35.Storm water drainage	Natural water drainage pattern:	S to N-W
	Quantity of storm water:	0.58 cum/sec
	Size of SWD:	750 mm x 900 mm

Sewage and Waste water	Sewage generation in KLD:	432 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	1 nos. of STP with total capacity of 450 KLD and Area of STP: 570 sqm
	Location & area of the STP:	Ground level
	Budgetary allocation (Capital cost):	40 lakhs
	Budgetary allocation (O & M cost):	6 lakhs/yr

36.Solid waste Management

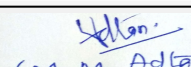
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Recyclable waste will be generated like empty cement bags & cans, scrap metal etc. Debris & construction waste shall be generated.
	Disposal of the construction waste debris:	Recyclable waste like empty cement bags & empty paint cans shall be handed over to local vendors. Broken tiles shall be used for china mosaic of terrace. Scrap metals shall be sold to recyclers.

Waste generation in the operation Phase:	Dry waste:	760 kg/day
	Wet waste:	1033 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	18 kg/day
	Others if any:	NA


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Mode of Disposal of waste:	Dry waste:	Will be handed over to Local Recyclers.
	Wet waste:	Will be processed in the OWC. manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as manure & replacement of saw dust for OWC.
	Others if any:	NA
Area requirement:	Location(s):	Located at Ground Level
	Area for the storage of waste & other material:	222 sq.m
	Area for machinery:	24 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	15 Lakh
	O & M cost:	3 Lakh/yr

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

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

41. Source of Fuel	Not applicable
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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	On ground: 2700 sqm, on Podium: 4205sqm, Total RG provided: 6905 sqm		
	No of trees to be cut :	4 no's		
	Number of trees to be planted :	337 no's		
	List of proposed native trees :	as given below		
	Timeline for completion of plantation :	at the end of construction phase		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachata indica	Neem Tree	19	medicinal tree
2	Millingtonia hortensis	Indian Cork tree	45	flowering tree
3	Cordia sebestena	Scarlet cordia	30	flowering tree
4	Polyalthia longifolia	Mast tree	45	evergreen tree
5	Caryota mitis	Fishtail palm	21	shady tree
6	Roystonea regia	Royal Palm	30	shady tree
7	Michelia champaca	Sonchapha	25	flowering tree
8	Nyctanthes arbortristis	Parijatak	40	flowering tree
9	Saraca asoca	Ashoka Tree	82	Sound barrier value
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	-	-	-	
47.Energy				

Power requirement:	Source of power supply :	MSEB
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	75 kW
	During Operation phase (Connected load):	11343 kW
	During Operation phase (Demand load):	2339 kW
	Transformer:	1 no's X 1250 kVA and 2 no's X 1000 kVA
	DG set as Power back-up during operation phase:	1 no's X 400 kVA and 1 no's X 125 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- 1) Hot water provision made using Solar Hot water :- 25 liters solar hot water per flat is considered . The total hot water capacity is 5100 liters(26.7%).The total nos. of Solar hot water panels are 41 nos.
- 2) system LED lights used for Staircase & Lobby:- Energy efficient LED lamps which gives app. 30% more light/lumen output for the same wattage consumed ,and therefore required less nos. of fixtures corresponding lower point wiring at lower cost.
- 3) LED Lights put on Solar PV Panels:- The 1.5% of the demand load ,which is 44 kw ,is taken on the solar PV panels.The total nos. of Solar PV panels are 147 nos. Out of 44 kws solar power , the 50% (22 kw) will be connected to Common area LED lights, with a net metering ,on grid , connection.
- 4) LED lights used for Ext. Road Lighting

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy savings	30.9 %

50. Details of pollution control Systems


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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	60 Lakhs
	O & M cost:	6 Lakhs/yr

51. Environmental Management plan Budgetary Allocation

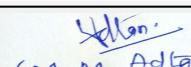
a) Construction phase (with Break-up):

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


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2	Noise Environment	Noise Baricades and Green Belt Developments	2
3	Water Environment	Modular STP , Drainage with sedimentation tanks	1.5
4	Good Health Practices	Site Sanitation & Health Care	1.5
5	Environment Monitoring	Environment Monitoring	3

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	RWH	12	1
2	Water Environment	STP	40	6
3	Solid waste management	OWC	15	3
4	Energy Savings	Solar	60	6
5	Land environment	Landscaping	78.10	15.63

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:	2 no's of Entry/Exit
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Parking details:	Number and area of basement:	-
	Number and area of podia:	02 no's podium: 1st Podium area 9831.37 sqm & 2nd podium area 6112.58 sqm.
	Total Parking area:	12787.50 sqm.
	Area per car:	12.50 sqm.
	Area per car:	12.50 sqm.
	Number of 2-Wheelers as approved by competent authority:	2046 no's
	Number of 4-Wheelers as approved by competent authority:	1023 no's.
	Public Transport:	Nil
	Width of all Internal roads (m):	minimum 6.00 m wide internal road
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	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		
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. Enviro Analysts & Engineers Pvt Ltd.


PP informed that, the project under consideration new residential and commercial project. PP further stated that, the total plot area of the project is 2584.38 Sq.mt having total construction area 110348.02 Sq.mt (FSI - Basic 1 FSI = 26665.78 TDR (Basic X 1.4)= 37332.09 Total = 63997.87 Sq.mt + NON FSI- 46350.15 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building No. 1, 2, 3 and 4	Gr + 1 st Stilt PARKING + 2 nd PODIUM + 3 rd to 27 th Floor	89.20
Commercial	G + 2 floors	12.10
Club house	GROUND, 1ST & 2ND FLOOR	12.95

It is noted that the project earlier considered in SEAC-2 117th (Day-1) Meeting held on 17-10-2019 & deferred with observations namely- 1) Committee noted that, PP has circulated the revised CS, PP to revise the same online also. 2) to submit the hydrology study of the project site & entire catchment. 3) to submit the contour design & storm water drain calculation. 4) Committee noted that, as per DP map M-214 is NDZ, PP to submit the status of M-214 area. 5) to show the fire tender drive way in between open plot for future expansion & proposed development. Also PP to provide fire tender movement on podium. 6) to specify the open spaces seen on south waste side of the plot as future services as stated during the presentation. 7) to submit the sewerage network, water supply, storm water drain remark from local planning authority. Accordingly, PP submitted the compliance which was taken on record.

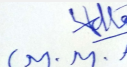
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of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

DECISION OF SEAC


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SEAC-II)

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

Specific Conditions by SEAC:

- 1) PP to abide the suggestions listed in the hydrology study report. PP to incorporate the same in designing & construction.
- 2) PP to submit the tree NoC.
- 3) PP to submit the CFO NoC.
- 4) The planning authority to ensure that no occupation certificate is given to the Project till surplus discharge from STP of the Project is connected to duly developed and commissioned sewage disposal system of 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

SEAC-AGENDA-0000000411

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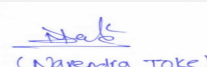
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Subject: Environment Clearance for "Roop Rajat Park" Residential Cum Commercial Project at Gut No. 157, 158(Part), 168 (Part), 169 (Part), Chilhar Road, Village- Betagaon, Taluka- Palghar, Dist- Thane by M/s. Mahavir Associates

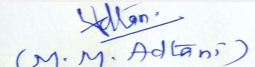
Is a Violation Case: No

1.Name of Project	"Roop Rajat Park" Residential Cum Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Mahavir Associates
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	residential commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	new project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gut No. 157, 158(Part), 168 (Part), 169 (Part), Chilhar Road, Village- Betagaon, Taluka- Palghar, Dist- Thane
9.Taluka	Palghar
10.Village	Betagaon
Correspondence Name:	Mr. Jitendra Agarwal -M/s. Mahavir Associates
Room Number:	Shop No. 23,24,
Floor:	-
Building Name:	Roop Rajat Nagar
Road/Street Name:	Tarapur Road
Locality:	Boisar, Taluka- Palghar
City:	Boisar
11.Whether in Corporation / Municipal / other area	Betagaon Gram Panchayat/ Other Area
12.IOD/IOA/Concession/Plan Approval Number	yes IOD/IOA/Concession/Plan Approval Number: NA Order received from Additional Collector, Thane, HQ_Jawhar (012009) dated 26-11-2010 , CC received from CEO, ZP, Thane (297) date 22-10-2010 Approved Built-up Area: 115050.31
13.Note on the initiated work (If applicable)	36703.51 Sq.m. of area has been constructed as per the received approvals.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA Order received from Additional Collector, Thane, HQ_Jawhar (012009) dated 26-11-2010 ,CC received from CEO, ZP, Thane (297) date 22-10-2010
15.Total Plot Area (sq. m.)	132320.00 sq.m.
16.Deductions	366.00 sq.m.
17.Net Plot area	131954.00 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 96873.43 b) Non FSI area (sq. m.): 18176.88 c) Total BUA area (sq. m.): 115050.31
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 96873.43 Approved Non FSI area (sq. m.): 18180.60 Date of Approval: 26-11-2010
19.Total ground coverage (m2)	29263.10sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.17%
21.Estimated cost of the project	1511500000


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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	type 1- 1 no.	G+3	12.20
2	type 2-1 no.	G+3	12.20
3	type 3A-14 nos.	G+3	12.20
4	type 3B-24 Nos.	S+4	14.10
5	type 3C - 2 Nos.	S+4	14.10
6	type 3D-11 Nos.	S+4	14.10
7	type 4- 21 Nos.	S+4	14.10
8	type 5- 66 Nos.	G+1	6.7
9	type 6- 17 Nos.	G+1	6.7
10	type 7- 14 Nos.	G+1	6.7
11	CFC 1	G+2	10.80
12	CFC 2	G+2	11.70
13	Club House 1	Ground	4.10
14	Club House 2	Ground	4.10

23. Number of tenants and shops	No. of residential tenements = 1458 Nos. No. of Shops = 153
24. Number of expected residents / users	Residential = 7290 Nos., Commercial = 459 nos., CFC = 400 Nos., Total = 8149 Nos.
25. Tenant density per hectare	110 No./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))	25.00m wide State Highway
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9.00m wide internal road is provided
29. Existing structure (s) if any	Construction of Buildings TYPE 3A, 3B, 3C, 3D , TYPE 4, TYPE 5 as per the received approvals.
30. Details of the demolition with disposal (If applicable)	NA

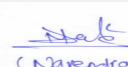
31. Production Details

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

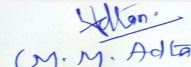
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Dry season:	Source of water	Grampanchayat/Recycled water							
	Fresh water (CMD):	673							
	Recycled water - Flushing (CMD):	350							
	Recycled water - Gardening (CMD):	69							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1092							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	NA							
	Excess treated water	411							
Wet season:	Source of water	Grampanchayat/Recycled water /RWH Tank							
	Fresh water (CMD):	673							
	Recycled water - Flushing (CMD):	350							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1023							
	Fire fighting - Underground water tank(CMD):	NA							
	Fire fighting - Overhead water tank(CMD):	NA							
	Excess treated water	480							
Details of Swimming pool (If any)	NA								
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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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2-3 m
	Size and no of RWH tank(s) and Quantity:	total capacity = 948cum (2 days storage)
	Location of the RWH tank(s):	below ground level
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs.75.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs.4.0 Lakhs
	Details of UGT tanks if any :	Below ground level Domestic= 673cum Flushing= 419 cum RWH =948 cum
35.Storm water drainage	Natural water drainage pattern:	West to East
	Quantity of storm water:	Actual Discharge =2.018 cum/sec (No. of Discharge points 4 of 0.50 cum) , Design Discharge= 0.54 cum/sec
	Size of SWD:	B=0.60m, D=0.60 m
Sewage and Waste water	Sewage generation in KLD:	922 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	950 KLD
	Location & area of the STP:	Ground level
	Budgetary allocation (Capital cost):	Rs.90.00Lakhs
	Budgetary allocation (O & M cost):	Rs. 11.00 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Scrap metal , Empty cement bags (50 kg capacity) , Aggregates , broken Tiles, Empty Paint cans (20 lit) were generated.
	Disposal of the construction waste debris:	Scrap metal was sold to recyclers, empty cement bags were sold to vendors, aggregates were reused for road preparation and leveling, broken tiles were reused used as china mosaic water proofing for terraces and skirting purpose, empty paint cans were sold to recyclers.
Waste generation in the operation Phase:	Dry waste:	1587.00 Kg/day
	Wet waste:	2252.00 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	46Kg
	Others if any:	Nil
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Mode of Disposal of waste:	Dry waste:	To be managed through local recyclers.
	Wet waste:	To be processed in the Organic Waste Converter. Required amount of manure from OWC will be used for gardening/landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	to be used as a manure
	Others if any:	Nil
Area requirement:	Location(s):	ground level
	Area for the storage of waste & other material:	138.00 sq.m.
	Area for machinery:	3.00 sq.m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.10.00Lakhs
	O & M cost:	Rs.4.00Lakhs

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

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43.Green Belt Development	Total RG area :	13868.00 sq.m.
	No of trees to be cut :	NA
	Number of trees to be planted :	1323 Nos.
	List of proposed native trees :	as below
	Timeline for completion of plantation :	at the end of the construction phase


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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Plumeria rubra	Red frangipani	50	flowering
2	Polyalthia coffeoides	Tree Ashoka	78	fruiting
3	Polyalthia longifolia	Mast tree	50	evergreen
4	Pongamia pinnata	Indian beech/Karanj	60	shady
5	Ravenala madagascariensis	Travellers palm	70	ornamental
6	Samanea saman	Raintree	50	shady
7	Spathodea campanulata	African tulip tree/scarlet bell tree	70	flowering
8	Syzygium cumini	Indian black berry	75	fruiting
9	Acacia arabica	Indian gum-arabic tree	40	shady
10	Adansonia digitata	Baobab, Monkey bread	60	deciduous tree
11	Adenanthara pavonina	Red sandalwood	50	leguminous tree
12	Ailanthus excelsa	Tree of heaven/Paradise tree	50	deciduous tree,
13	Albizzia lebbek	Siris	50	medicinal
14	Alstonia scholaris	Devils tree	70	evergreen tropical tree
15	Anogeissus acuminata	Anogeissus	30	flowering
16	Anthocephalus chinensis	Kadamba	40	shady
17	Cycas revoluta	Fern palm/cycas	75	ornamental
18	Dalbergia sissoo	South Indian Redwood/Sissoo	70	medicinal
19	Delonix regia	Flame tree, May flower	70	shady
20	Brassaia actinophylla	Umbrella tree	60	flowering
21	Butea monosperma	Flame of forest	80	shady
22	Cassia excelsa	Crown of gold tree	75	flowering

45.Total quantity of plants on ground

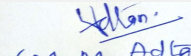
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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


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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100KW
	DG set as Power back-up during construction phase	100KVA
	During Operation phase (Connected load):	7903 KW
	During Operation phase (Demand load):	5092KW
	Transformer:	NA
	DG set as Power back-up during operation phase:	05No. of 75 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Solar Lighting (for landscape/Drive way)
- Solar Hot water system
- Energy Efficient Pumping Machinery
- Use of CFL & LED lights
- regenerative lifts

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	as above	24.00%

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.101.00 Lakhs
	O & M cost:	Rs.10.00 Lakhs

51. Environmental Management plan Budgetary Allocation

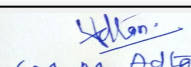
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	air environment	dust suppression	2.00
2	land environment	site sanitation	2.50
3	Environment monitoring	For Air, Noise, Water Analysis	7.5
4	EHS	Disinfection	2.0


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5	EHS	Health Check Up	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	water environment	rain water harvesting	75.00	4.00
2	solid waste	OWC	10.00	4.00
3	water environment	STP	90.00	11.0
4	energy saving	Solar energy system	101.00	10.00
5	land environment	landscaping	20.00	2.00

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


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

52.Any Other Information

No Information Available

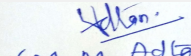
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 Nos.
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	31069.13 sq.m.
	Area per car:	28.00 sq.m.
	Area per car:	28.00 sq.m.
	Number of 2-Wheelers as approved by competent authority:	nil
	Number of 4-Wheelers as approved by competent authority:	1143 no.s
	Public Transport:	Nil
Width of all Internal roads (m):	Max. 18.00 m to Min. 6.00 m wide internal roads	
CRZ/ RRZ clearance obtain, if any:	NA	


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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	not within the 15 km
	Category as per schedule of EIA Notification sheet	category, Schedule 8(a)
	Court cases pending if any	-
	Other Relevant Informations	the project was appraised by SEIAA in their 89th meeting as an Item No.04 dated 3-9-2015. Authority deffer ed the case for the want of compliance points for we are submitted the compliance as per 89th SEIAA MoM. Judgment copy has been received dated 13-09-2017 against court case no. 421/2015 at Palghar Court against the violation of EIA notification 2006
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	16-09-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorised 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. Enviro Analysts & Engineers Pvt. Ltd.

PP informed that, the project under consideration new residential commercial project. PP further stated that, the total plot area of the project is 2584.38 Sq.mt having total construction area 115050.31 Sq.mt (FSI - 96873.43 Sq.mt + NON FSI- 18176.88 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
type 1- 1 no.	G+3	12.20
type 2-1 no.	G+3	12.20
type 3A-14 nos.	G+3	12.20
type 3B-24 Nos.	S+4	14.10
type 3C - 2 Nos.	S+4	14.10
type 3D-11 Nos.	S+4	14.10
type 4- 21 Nos.	S+4	14.10
type 5- 66 Nos.	G+1	6.7
type 6- 17 Nos.	G+1	6.7
type 7- 14 Nos.	G+1	6.7
CFC 1	G+2	10.80
CFC 2	G+2	11.70
Club House 1	Ground	4.10
Club House 2	Ground	4.10

It is noted that the project earlier considered in SEAC-2 94th (Day-2) Meeting held on 03-04-2019 & the project is deferred as PP was absent.

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DECISION OF SEAC

PP stated that, the project under reference was considered in 32nd SEAC -II meeting held on 29/04/2015 & recommended to SEIAA. PP further stated that, SEIAA also considered the proposal in 89th SEIAA meeting & deferred with certain compliance points. PP stated that, meanwhile Environment department adopted the online EC procedure & they have applied the proposal for the consideration of SEIAA. PP further stated that, there is no change in project layout & requested to forward the proposal to SEIAA. After deliberation, committee decided to forward the proposal to SEIAA subject to submission of affidavit regarding the project which was appraised by SEAC-2 is the same project & there is no change in layout or building configuration etc.

Specific Conditions by SEAC:

1) committee decided to forward the proposal to SEIAA subject to submission of affidavit regarding the project which was appraised by SEAC-2 is the same project & there is no change in layout or building configuration etc.

FINAL RECOMMENDATION

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

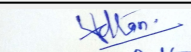
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SEAC-II)**

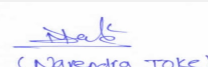
130th SEAC-2 meeting

SEAC Meeting number: 130 Meeting Date February 27, 2020

Subject: Environment Clearance for Proposed redevelopment of existing building known as Hormus House on plot bearing C.S. No. 832, Plot No. 95, Worli Division, at Khan Abdul Gaffar Khan Road, Worli, Mumbai, in 'G-South' Ward.

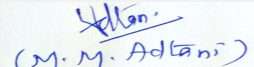
Is a Violation Case: No

1.Name of Project	Proposed redevelopment of existing building known as Hormus House on plot bearing C.S. No. 832, Plot No. 95, Worli Division, at Khan Abdul Gaffar Khan Road, Worli, Mumbai, in 'G-South' Ward.
2.Type of institution	Private
3.Name of Project Proponent	M/s Karp Estate Private Limited
4.Name of Consultant	M/s AQURA Enviro Projects Pvt. Ltd.
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	C.S. No. 832, Plot No. 95Worli Division, at Khan Abdul Gaffar Khan Road
9.Taluka	Mumbai
10.Village	Worli
Correspondence Name:	Mr. Debashis Mitra
Room Number:	C-31,G-Block
Floor:	Ground floor
Building Name:	Naman Centre
Road/Street Name:	-
Locality:	Bandra Kurla Complex,
City:	Bandra (E)
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	Letter from MCGM with vide no. ChE/1366/Rds & Tr/C-82/PPL dated 31.08.2018 IOD/IOA/Concession/Plan Approval Number: Letter from MCGM with vide no. ChE/1366/Rds & Tr/C-82/PPL dated 31.08.2018 Approved Built-up Area: 13955.65
13.Note on the initiated work (If applicable)	Excavation Work is completed and part raft construction work is in progress, as per CC obtained with vide no. EB/4395/GS/A.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Letter from MCGM with vide no. ChE/1366/Rds & Tr/C-82/PPL dated 31.08.2018
15.Total Plot Area (sq. m.)	2584.38 Sq. m
16.Deductions	-
17.Net Plot area	2584.38 Sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 13928.76 Sq. m b) Non FSI area (sq. m.): 30398.54 Sq. m c) Total BUA area (sq. m.): 44327.3
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 13928.76 Sq. m Approved Non FSI area (sq. m.): 30398.54 Sq. m Date of Approval: 31-08-2018
19.Total ground coverage (m2)	1480.02 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.16 %
21.Estimated cost of the project	1188000000


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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	3 Basement + Stilt + 1st Parking + 2nd Service + 3rd to 14th parking + 15th service + 16th to 26th Residential floors + 27th Service Floor + 28th to 38st Residential Floors + 39th Service Floor + Terrace	152.15 m
23. Number of tenants and shops	No. of Flats-22 Flats Amenity's 1 Society Office 1 Fitness Center 4 Security Cabin		
24. Number of expected residents / users	Residential Population: 154, Visitors: 150 (Public Parking Floating Population), Staff: 40		
25. Tenant density per hectare	-		
26. Height of the building(s)			
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	27.45 m wide Khan Abdul Gaffar Khan Road & 18.00 m wide Dr. R G Thadani Marg		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6.0 m - 7.5 m		
29. Existing structure (s) if any	Existing structure has been demolished as per vide letter No. MCZMA-2016/CR-29/TC 4 dated 16.05.2016		
30. Details of the demolition with disposal (If applicable)	Existing structure has been demolished & waste is disposed as per construction and demolition rules 2016		

31. Production Details

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


32. Total Water Requirement

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Dry season:	Source of water	MCGM + Treated water from STP								
	Fresh water (CMD):	17								
	Recycled water - Flushing (CMD):	9.4								
	Recycled water - Gardening (CMD):	3.8								
	Swimming pool make up (Cum):	8.9								
	Total Water Requirement (CMD) :	26.4								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	100								
	Excess treated water	8.3								
Wet season:	Source of water	MCGM + Harvested Rain Water + Treated water from STP								
	Fresh water (CMD):	17								
	Recycled water - Flushing (CMD):	9.4								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	8.9								
	Total Water Requirement (CMD) :	26.4								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	100								
	Excess treated water	20.1								
Details of Swimming pool (If any)	Area: 140 Sq. m, Depth: 1.5 m Capacity: 168 Cum Water Requirement: 8.9 cum/day									
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	

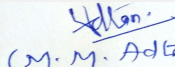
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34. Rain Water Harvesting (RWH)	Level of the Ground water table:	3.0 m to 3.4 m below ground level
	Size and no of RWH tank(s) and Quantity:	1 no. of Raw RWH Tank with 25 KL capacity, Size - 5.8m x 1.8 m
	Location of the RWH tank(s):	Basement 3
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	4 Lakh
	Budgetary allocation (O & M cost) :	0.5 Lakh Per annum
Details of UGT tanks if any :	<p>Domestic Water Tank: Residential: 25 KLD Public Parking: 17 KLD</p> <p>Flushing Water Tank: Residential: 21 KLD Public parking: 16 KLD</p> <p>Firefighting Tanks: Residential: 2 tanks of 100 KLD Public Parking: 2 no of 50 KLD</p> <p>Rain water Harvesting Tanks: 25 KLD Raw water Tank 2 Nos of 25 KLD treated water tanks</p>	
35. Storm water drainage	Natural water drainage pattern:	Storm water drain is laid at a slope of 1: 350 to the municipal outfall outside the plot. Rainwater from site shall be collected by network of storm water piping system through catch basins and storm channel & then allowed to connect to the public storm water line outside the plot boundary
	Quantity of storm water:	59.4 CUM per Day
	Size of SWD:	300 mm Wide drain Channel
Sewage and Waste water	Sewage generation in KLD:	23.8 KLD
	STP technology:	Moving Bed Bio Reactor Technology
	Capacity of STP (CMD):	1 no. of STP - 30 KLD
	Location & area of the STP:	Podium 1, Area: 30 Sq. m
	Budgetary allocation (Capital cost):	18 Lakh
	Budgetary allocation (O & M cost):	4 lakh
36. Solid waste Management		


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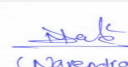
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris
	Disposal of the construction waste debris:	Disposal of construction waste will be as per Construction and Demolition and De-silting Waste (Management and Disposal) Rules 2006 at the designated site as directed by the MCGM
Waste generation in the operation Phase:	Dry waste:	53 Kg/ day
	Wet waste:	35 Kg/ day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	3.0 Kg/ Day
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Dry waste would be further segregated into recyclable and non-recyclable. Recyclable will be handed over to authorize vendors and non-recyclable will be handed over to local bodies
	Wet waste:	Wet Garbage will be treated in Mechanical Composting Unit, Organic Waste Converter (OWC) and the compost generated would be used as manure for gardening purpose and excess would be sold to authorize vendors
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Dry sludge would be used as manure for gardening purpose and excess would be sold to authorize vendors.
	Others if any:	Not Applicable
Area requirement:	Location(s):	Podium 1
	Area for the storage of waste & other material:	20 Sq. m
	Area for machinery:	10 Sq. m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	6 lakh
	O & M cost:	2.5 Lakh per 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			

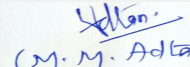
38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
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(Narendra Toke)
Shri Narendra Toke
(Secretary SEAC-II)

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1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Not applicable	Not applicable	Not applicable	Not applicable			
41.Source of Fuel		Not applicable					
42.Mode of Transportation of fuel to site		Not applicable					
43.Green Belt Development		Total RG area :	522.16 Sq. m				
		No of trees to be cut :	2				
		Number of trees to be planted :	New trees to be planted in lieu of trees to be cut = 4 Nos. Trees to be transplanted = 5 Nos. Trees to be planted as per RG area: 522.16 Sq. M. = 25 Nos. Trees to be planted as per Open Spaces: 1126.25 Sq. Mt. = 22 Nos. Total Trees on site = 4 + 5 + 25 + 22 = 56 Nos.				
		List of proposed native trees :	Shirish, Neem, Sita Ashok, Kadamb, Satwin				
		Timeline for completion of plantation :	After completion of construction work				
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Albizia lebbeck	Shirish	10	Shady tree, yellowish green fragrant flowers			
2	Azadiracta indica	Neem	10	Large tree, good for roadside plantation			
3	Saraca asoka	Sita Ashok	10	Shady tree with red-yellow flowers			
4	Anthocephallus cadamba	Kadamb	11	Shady, large tree, ball shaped flowers.			
5	Alstonia scholaris	Satwin	10	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	Not Applicable	Not Applicable	Not Applicable				
47.Energy							

Power requirement:	Source of power supply :	B.E.S.T.
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	Residential: 2501 KW + Public Parking: 159 KW = 2660 KW
	During Operation phase (Demand load):	Residential: 944 KW + Public Parking: 100 KW = 1044 KW
	Transformer:	Residential: 1 No. of 1250 KVA , Public Parking: 1 no. of 150 KVA
	DG set as Power back-up during operation phase:	Residential: 1 no. of 500 KVA , Public Parking: 1 no. of 125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

- 39 PV panels installed on residential Building Terrace to feed the common area lighting of the building
- Using Solar based stand alone street Light Fixture of 2 kW

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	39 PV panels installed on residential Building Terrace to feed the common area lighting of the building	5%
2	Using Solar based stand alone street Light Fixture of 2 kW	1%

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:	16.5 lakh
	O & M cost:	2 lakh

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for dust Suppression	0.5
2	Air Environment	Tyre cleaning and Vehicle maintenance	0.5

3	Air Environment	Traffic Management (Sign Boards, Persons at entry exit and Parking area)	0.1
4	Drinking water	Potable Water Supply	1.0
5	Socio-economic Environment	Site sanitation Facility and its maintenance	1.0
6	Health & Safety	Disinfection at Site	0.5
7	Health & Safety	Health check-up & first aid	1.0
8	Health & Safety	Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	5.0
9	Health & Safety	Safety Training to Workers (Twice in Year), Safety Officer	0.25
10	Health & Safety	Safety nets	0.25
11	Environment management	Environmental Monitoring	5.0

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 & Sewerage network	1 No of STP of 30 KLD	18	4
2	RWH System	1 no of RWH tank of 25 KL	4	0.5
3	Environmental Monitoring	Six monthly monitoring of Air, Noise, Water etc	6	1.5
4	Solid Waste Management	OWC & Curing System	6	2.5
5	Solar Installation	Solar PV panels	16.5	2
6	Landscaping	Maintenance of trees	2	0.3

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	3
Parking details:	Number and area of basement:	3 Basement, Area: 5819.51 Sq. m
	Number and area of podia:	13 Podium, Area: 13058.27 Sq. m
	Total Parking area:	8700 Sq. m
	Area per car:	50 sq.m
	Area per car:	50 sq.m
	Number of 2-Wheelers as approved by competent authority:	10
	Number of 4-Wheelers as approved by competent authority:	174 (Residential: 70, Public Parking: 104)
	Public Transport:	None
	Width of all Internal roads (m):	6.0 m
	CRZ/ RRZ clearance obtain, if any:	Yes. CRZ NOC is obtained for the proposed project from MCZMA with vide letter no. MCZMA-2016/CR-29/TC4 dated 16.05.2016
	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) {Building and Construction projects = 20,000 sq. m. and <1,50,000 sq. m. of built-up area} Category 'B'
	Court cases pending if any	No
	Other Relevant Informations	None
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	06-05-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 130 Meeting Date: February 27, 2020	Page 31 of 43	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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Representative of PP was present during the meeting along with environmental consultant. M/s. AQURA Enviro Projects Pvt. Ltd.

PP informed that, the project under consideration new residential project. PP further stated that, the total plot area of the project is 2584.38 Sq.mt having total construction area 44327.3 Sq.mt (FSI - 13928.76 Sq.mt + NON FSI- 30398.54 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building 1	3 Basement + Stilt + 1 st Parking + 2 nd Service + 3 rd to 14 th parking + 15 th service + 16 th to 26 th Residential floors + 27 th Service Floor + 28 th to 38 st Residential Floors + 39 th Service Floor + Terrace	152.15 m

It is noted that the project earlier considered in SEAC-2 94th (Day-2) Meeting held on 03-04-2019 & deferred with observations namely- 1) to submit the chronology & history of the project. 2) to submit CRZ NoC for project under consideration or letter from MS, MCZMA regarding applicability of revised CRZ NoC considering project potential increased by 4 FSI as against 1.33 FSI. 3) to submit the layout approval from corporation. 4) to submit the revised Architect certificate dated & addressing to committee regarding building wise construction carried out. 5) to submit the copy of HRC NoC. 6) to carry out hydrological survey from earth science department of VJTI for subsoil water to study the impact on ground 7) to revise the calculation of energy saving through solar & submit the same. 8) to submit the CFO NoC as per final layout approval. 9) As per the Hon'ble Supreme Court's Order, PP to Provide contiguous RG with minimum 7.5 m width on Mother Earth. 10) to submit compliance to ECBC guidelines. 11) to revise the project cost. PP to submit CER of 1.5%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 got approved from collector/ local body or Environment Department .Accordingly, PP submitted the compliance which was taken on record.

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

DECISION OF SEAC

record.

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

Specific Conditions by SEAC:

- 1) PP to submit the HRC NoC.
- 4) PP to abide & implement all the suggestion points given in VJTI report regarding hydrological survey during design & construction.
- 5) PP to abide by conditions given by MS, MCZMA.
- 6) PP to increase the solar energy saving from 2 % to 5%.
- 7) PP to obtain CFO NoC for increased height of building.
- 8) Committee noted that, RG area provided on mother earth is less than 7.5mt, PP to also provide plantation all around the plot as per provision of clause 27 (2) of GDCR.
- 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 as per green field 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-0000000411

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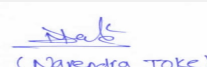
130th SEAC-2 meeting

SEAC Meeting number: 130 Meeting Date February 27, 2020

Subject: Environment Clearance for Proposed SR Scheme on Plot bearing C.T.S No. 195 (pt.), 208 (pt.), 812 & 813, Proposed building for "Andheri Juhu Lane Navbharat CHS.Ltd". of Village Andheri , Juhu Lane Andheri (W) , K/W Ward of MCGM , Mumbai -400058.

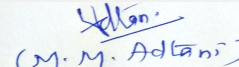
Is a Violation Case: No

1.Name of Project	Proposed SR Scheme on Plot bearing C.T.S No. 195 (pt.), 208 (pt.), 812 & 813, Proposed building for "Andheri Juhu Lane Navbharat CHS.Ltd". of Village Andheri , Juhu Lane Andheri (W) , K/W Ward of MCGM , Mumbai -400058.
2.Type of institution	Private
3.Name of Project Proponent	Syed Ghazali Nasar (Proprietor of Nasar Associates)
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	SRA 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	Proposed SR Scheme on Plot bearing C.T.S No. 195 (pt.), 208 (pt.), 812 & 813, Proposed building for "Andheri Juhu Lane Navbharat CHS.Ltd". of Village Andheri , Juhu Lane Andheri (W) , K/W Ward of MCGM , Mumbai -400058.
9.Taluka	Andehri
10.Village	Andehri
Correspondence Name:	Syed Ghazali Nasar (Proprietor of Nasar Associates)
Room Number:	E-101
Floor:	First Floor
Building Name:	Prashal CHS
Road/Street Name:	Sant Janabai Road
Locality:	Vile Parle East
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	Composite Building: IOA No: SRA/ENG/2485/KW/MHL/AP dated 14th June, 2017 Sale Building: IOA No: SRA/ENG/2980/KW/MHL/AP dated 22nd Nov.2019 IOD/IOA/Concession/Plan Approval Number: IOA Composite Building (Rehab plus Sale):No.SRA/ENG/2485/KW/MHL/AP , Sale Building: IOA Sale Building: No. SRA /ENG/2980/KW/MHL/AP Approved Built-up Area: 17427.07
13.Note on the initiated work (If applicable)	Total Constructed Area = 17481.02 sq.m (Composite Building - G + 16 Upper Floors, Sale Building - 2 B + G + 2 Upper Floors)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Revised LOI received dated 06.06.2017.
15.Total Plot Area (sq. m.)	4457.69
16.Deductions	489.69 sq.m
17.Net Plot area	3968 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 20247.96 b) Non FSI area (sq. m.): 10032.94 c) Total BUA area (sq. m.): 20247.96
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 17427.07 Approved Non FSI area (sq. m.): 8653.61 Date of Approval: 02-04-2019
19.Total ground coverage (m2)	2417.20


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

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	60.92
21. Estimated cost of the project	150000000

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Composite Building (Rehab Plus sale)	Ground + 16th Upper Floors	47.30
2	Sale Building	2 Basements + Ground Floor+ 1st Floor + 2nd to 15th (part) Residential Floors	47.20

23. Number of tenants and shops	Composite Building: 274 Flats and 54 Shops & offices (Rehab Flats = 241 Nos., Rehab Shops = 28 Nos., Sale Shops = 9 Nos, Sale Flats = 33 Nos. and Sale Office = 17 Nos.) Sale Building: 109 Flats and 6 Shops
24. Number of expected residents / users	Composite Building (Rehab Plus sale): 1262 Nos. Sale Building: 646 Nos. Total: 1908 Nos.
25. Tenant density per hectare	1106
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	36.60 m wide Existing DP Road (South) 9.20 m wide Existing Wireless Road (North)
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning Radius as per Requirement
29. Existing structure (s) if any	Car out from the scheme
30. Details of the demolition with disposal (If applicable)	Slums (276 nos.) already demolished and demolition waste disposed as per SWM NOC.

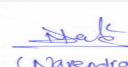
31. Production Details

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

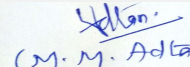
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Dry season:	Source of water	MCGM /STP /RWH								
	Fresh water (CMD):	158								
	Recycled water - Flushing (CMD):	81								
	Recycled water - Gardening (CMD):	2								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	241								
	Fire fighting - Underground water tank(CMD):	Composite Building (Rehab Plus sale):75 CMD(UGT Fire) Sale:200 CMD (UGT Fire)								
	Fire fighting - Overhead water tank(CMD):	Composite Building (Rehab Plus sale):25 CMD (OHT Fire) Sale Building:50 CMD (OHT Fire)								
	Excess treated water	114 KLD								
Wet season:	Source of water	MCGM /STP /RWH								
	Fresh water (CMD):	158								
	Recycled water - Flushing (CMD):	81								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	239								
	Fire fighting - Underground water tank(CMD):	Composite Building (Rehab Plus sale):75 CMD(UGT Fire) Sale:200 CMD (UGT Fire)								
	Fire fighting - Overhead water tank(CMD):	Composite Building (Rehab Plus sale):25 CMD (OHT Fire) Sale Building:50 CMD (OHT Fire)								
	Excess treated water	116 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	


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Less than 4m
	Size and no of RWH tank(s) and Quantity:	2 Nos. of Tanks (Sale wing A & B) , Sale Wing A: 17.00 cum and Sale Wing B:20.00 cum.
	Location of the RWH tank(s):	Below Ground
	Quantity of recharge pits:	2 Nos of Recharge pits for composite Building (Rehab plus sale)
	Size of recharge pits :	18.84 cu.m
	Budgetary allocation (Capital cost) :	9 Lakhs
	Budgetary allocation (O & M cost) :	1 Lakhs
	Details of UGT tanks if any :	Composite Building (Rehab Plus sale):75 KLD(UGT Fire) Sale Building:200 KLD (UGT Fire) Composite Building(Rehab Plus sale):55 KLD(UGT Flushing) Sale Building:26 KLD (UGT Flushing) Composite Building (Rehab Plus sale):108 KLD(UGT Domestic) Sale Building:50 KLD (UGT Domestic)
35.Storm water drainage	Natural water drainage pattern:	S to N
	Quantity of storm water:	0.12 m.cu./s
	Size of SWD:	450 MM
Sewage and Waste water	Sewage generation in KLD:	207
	STP technology:	AOT/MBBR
	Capacity of STP (CMD):	2 Nos of STP Sale Building - 66 CMD, Composite Building - 142 CMD
	Location & area of the STP:	Sale Building: Location- Ground, Area- 15 sq.m Composite Building: Location- Ground, Area- 25 sq.m
	Budgetary allocation (Capital cost):	35 Lakhs
	Budgetary allocation (O & M cost):	6 Lakhs / year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Recyclable waste will be generated like empty cement bags, scrap Material etc. Debris and construction waste shall be generated.
	Disposal of the construction waste debris:	Top soil to be been preserved for landscaping, Scrap material and other recyclable material like empty cement bags and empty paint cans to be sold to recyclers. Broken Tiles to be used as china mosaic for terrace.
Waste generation in the operation Phase:	Dry waste:	357 Kg/day
	Wet waste:	536 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	10 Kg/day
	Others if any:	E-Waste
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Mode of Disposal of waste:	Dry waste:	Will be handed over to local recycler.
	Wet waste:	Processed in OWC. Manure obtained shall be used for landscaping/ Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dry sludge will be used as manure
	Others if any:	To be handed over to the authorized E-waste recycler
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	54 sq. m.
	Area for machinery:	9 sq. m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	8 Lakhs
	O & M cost:	2 Lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

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

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43.Green Belt Development	Total RG area :	Proposed RG Area : 401.62 sq. m
	No of trees to be cut :	NA
	Number of trees to be planted :	49
	List of proposed native trees :	As below
	Timeline for completion of plantation :	As soon as construction work completed

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	14	Medicinal tree
2	Michelia champaca	Son-chafa	11	Flowering/ornamental plant
3	Mangifera indica	Mango	10	Fruiting tree
4	Mimusops elengi	Bakul	14	Evergreen tree

45.Total quantity of plants on ground

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

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

47.Energy

Power requirement:	Source of power supply :	TATA/Adani
	During Construction Phase: (Demand Load)	40 KW
	DG set as Power back-up during construction phase	50 kVA
	During Operation phase (Connected load):	4328 KW
	During Operation phase (Demand load):	1858 KW
	Transformer:	2*1000 KVA
	DG set as Power back-up during operation phase:	1 no of 600 KVA (Sale Building) and 1 No of 300 KVA (Rehab Building)
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

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By Using LED Bulbs
 By using electronic Ballast
 By using Timer/sensor
 By using APFC
 By using solar energy

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall Saving for Composite Building (Rehab plus sale)	21
2	Overall Saving for Sale Building	17

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:	30 Lakhs
	O & M cost:	2 Lakhs


51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	3
2	Noise Environment	Noise Barricades and Green Belt Developments	8
3	Water Environment	Modular STP, Drainage with sedimentation tanks	10
4	Good Health Practices	Site Sanitation & Health Care	10
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	15

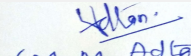
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	Tanks and Recharge Pits	9	1
2	Solid waste management	OWC	8	2
3	Waste water management	STP	35	6
4	Energy conservation	Solar	30	2
5	Landscaping	Greenbelt	7	2


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

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

52.Any Other Information

No Information Available

53.Traffic Management

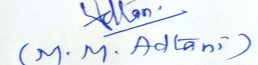
	Nos. of the junction to the main road & design of confluence:	Access form existing 36.60 m wide DP Road & existing 9.20 m wide wireless Road.
Parking details:	Number and area of basement:	2 Basements, Area of Basement 1: 1406.21 sq.m , Area of Basement 2: 1361.34 sq.m
	Number and area of podia:	NA
	Total Parking area:	Parking Area (Ground):482 sq. m, Basement 1 (Parking Area):735 sq. m ,Basement 2(Parking Area):970 sq. m
	Area per car:	Ground : 8.60 sq.m , Basement 1: 17.01 sq.m , Basement 2: 19.86 sq.m
	Area per car:	Ground : 8.60 sq.m , Basement 1: 17.01 sq.m , Basement 2: 19.86 sq.m
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	137
	Public Transport:	Andehri Railway station (1.6 Kms)
	Width of all Internal roads (m):	Width is as per Requirement
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a), B2
	Court cases pending if any	No


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	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

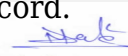
Representative of PP was present during the meeting along with environmental consultant. M/s. Enviro Analysts & Engineers Pvt. Ltd.

PP informed that, the project under consideration new SRA scheme project. PP further stated that, the total plot area of the project is 4457.69 Sq.mt having total construction area 30280.9Sq.mt (FSI - 20247.96 Sq.mt + NON FSI- 10032.94 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Composite Building (Rehab Plus sale)	Ground + 16th Upper Floors	47.30
Sale Building	2 Basements + Ground Floor+ 1 st Floor + 2 nd to 15 th (part) Residential Floors	47.20

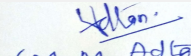
It is noted that the project earlier considered in SEAC-2 120th (Day-2) Meeting held on 15-11-2019 & deferred with observations namely- 1) to submit dated Architect certificate addressing to committee regarding building wise construction (Configuration, FSI, NoN-FSI, TBUA) approvals from local Authority, actual construction done and proposed expansion. 2) to revised the same online also. Accordingly, PP submitted the compliance which was taken on record.

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


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DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) Committee noted that, PP have circulated the revised CS,PP to revised the same online also.
- 2) PP to submit the total plot potential certificate from local planning authority at the time of approval of LoI.
- 3) PP to submit the detail chronology regarding construction done on site till date.

FINAL RECOMMENDATION

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

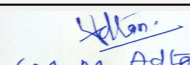
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**Shri M.M.Adtani (Chairman
SEAC-II)**