

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Application to SEIAA 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

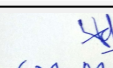
1.Name of Project	"Roop Rajat Park" Residential Cum Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Mahavir Associates
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	residential commercial project
6.New project/expansion in existing project/modernization/diversification 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: 115054.31
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.): 96869.71
	b) Non FSI area (sq. m.): 18180.60
	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


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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(M. M. Adtani)

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

22.Number of buildings & its configuration

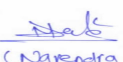
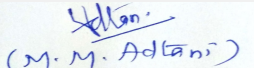
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	type 1- 1 no.	G+3	12.20
2	type 2-1 no.	G+3	12.20
3	type 3A-14 nos.	G+3	12.20
4	type 3B-24 Nos.	S+4	14.10
5	type 3C - 2 Nos.	S+4	14.10
6	type 3D-11 Nos.	S+4	14.10
7	type 4- 21 Nos.	S+4	14.10
8	type 5- 66 Nos.	G+1	6.7
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 No.s
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

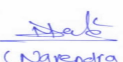
31.Production Details

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

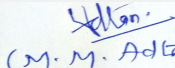
 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 2 of 286	 Shri M.M.Adtani (Chairman SEAC-II)
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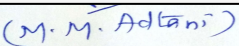
Dry season:	Source of water	Grampanchayat/Recycled water								
	Fresh water (CMD):	673								
	Recycled water - Flushing (CMD):	350								
	Recycled water - Gardening (CMD):	69								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	1092								
	Fire fighting - Underground 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

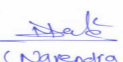
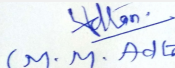
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	Albizia 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

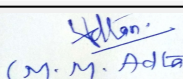
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

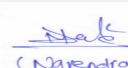
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

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

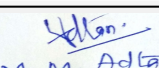
a) Construction phase (with Break-up):

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)

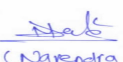
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

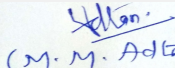
53.Traffic Management

	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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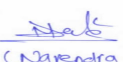
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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	not within the 15 km
	Category as per schedule of EIA Notification sheet	category, Schedule 8(a)
	Court cases pending if any	-
	Other Relevant Informations	The project was apprised 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 have now submitted the compliance as per 89th SEIAA MoM. Judgment for court case no 421/2015 at Palghar Court against violation of EIA notification 2006 was received on 13-09-2017 & case is also closed
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	16-09-2017

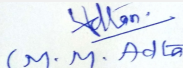
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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	-


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Brief information of the project by SEAC

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.

PP had submitted withdrawal request by letter dated 18/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 18/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

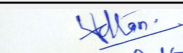
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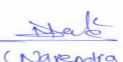
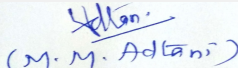
SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Rare Townships Private Limited

Is a Violation Case: No

1.Name of Project	Proposed Residential cum Commercial Complex project
2.Type of institution	Private
3.Name of Project Proponent	Executive Engineer (PWD)
4.Name of Consultant	M/s. AQURA LABS PVT.LTD
5.Type of project	Housing Project (Residential cum Commercial Complex project)
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	YES, Environmental Clearance has been obtained for this project on 23rd March 2006.
8.Location of the project	CTS No. 194B, PWD Ground, Ghatkopar - Mankhurd Link Road, Chedda Nagar, Ghatkopar (E), Mumbai- 400 077
9.Taluka	Kurla
10.Village	Ghatkopar
Correspondence Name:	Executive Engineer
Room Number:	CTS No. 194B
Floor:	PWD Ground
Building Name:	Rising City
Road/Street Name:	Ghatkopar- Mankhurd Link Road
Locality:	Chedda Nagar, Ghatkopar (E)
City:	Mumbai - 400 077
11.Whether in Corporation / Municipal / other area	Mumbai Corporation Of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IOD IOD/IOA/Concession/Plan Approval Number: CHE/334/B.P.(Spl.Cell) /AN/337 Approved Built-up Area: 80741.03
13.Note on the initiated work (If applicable)	Construction in Progress
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1,27,503.12 Sqm
16.Deductions	19,125.47 Sqm
17.Net Plot area	1,08,377.65 Sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 2,93,423.45 Sqm b) Non FSI area (sq. m.): 4,64,402.52 Sqm c) Total BUA area (sq. m.): 757826
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 80741.03 Approved Non FSI area (sq. m.): 94252.78 Date of Approval: 09-12-2015
19.Total ground coverage (m2)	31,033 Sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24.34
21.Estimated cost of the project	21500000000

22.Number of buildings & its configuration

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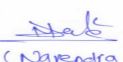
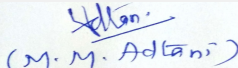
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building No. 1 (Residential)	Wing A1 - A6 : 3Basements + Stilt + 2 Podiums + 28 Floors	95.75
2	Building No. 1 (Residential)	Wing B1 - B6 : Basements + Stilt+ Podiums + 28 Floors	77.50
3	Building No. 1 (Residential)	Wing C1 - C5 : Basements + Stilt+ Podiums + 28 Floors	69.95
4	Building No. 2 (Residential)	Wing CA - CE : Basements + Stilt+ Podiums + 2 Floors	9.00
5	Building No. 3 (Commercial)	Basements + Stilt + Podiums + 21 Floors	9.00
6	Building No. 4 (School)	Basements + Stilt + 7 Floors	21.06
7	Building No. 5 (Jain temple & Upashraya)	Basements + Stilt + 2 Floors	18.30
8	Building No. 6 (Hindu temple)	Basements + Stilt + 2 Floors	18.30
9	Building No. 1 (Residential)	Wing A1 - A6 : 3Basements + Stilt + 2 Podiums + 19 Floors	66.95
10	Building No. 1 (Residential)	Wing A1 - A6 : 3Basements + Stilt + 2 Podiums + 19 Floors	66.95

23.Number of tenants and shops	Total number of flats: Residential : 3615 nos. Sales offices & shops: 150 nos.
24.Number of expected residents / users	17600
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24.00 mtrs wide proposed D.P road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.0 mtrs
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

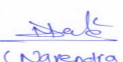
31.Production Details

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

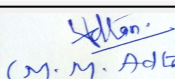
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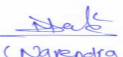
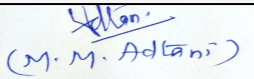
Dry season:	Source of water	MCGM							
	Fresh water (CMD):	1662							
	Recycled water - Flushing (CMD):	846							
	Recycled water - Gardening (CMD):	375							
	Swimming pool make up (Cum):	900							
	Total Water Requirement (CMD) :	2742							
	Fire fighting - Underground water tank(CMD):	3300							
	Fire fighting - Overhead water tank(CMD):	2900`							
	Excess treated water	397							
Wet season:	Source of water	MCGM							
	Fresh water (CMD):	1662							
	Recycled water - Flushing (CMD):	846							
	Recycled water - Gardening (CMD):	375							
	Swimming pool make up (Cum):	900							
	Total Water Requirement (CMD) :	2742							
	Fire fighting - Underground water tank(CMD):	3300							
	Fire fighting - Overhead water tank(CMD):	2900							
	Excess treated water	397							
Details of Swimming pool (If any)		Proposed swimming pool in Podium level.							
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	Nil	1662	1662	Nil	Nil	Nil	Nil	Nil	Nil
Domestic	Nil	2508	2508	Nil	Nil	Nil	Nil	Nil	Nil
Gardening	Nil	375	375	Nil	Nil	Nil	Nil	Nil	Nil


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	1 to 2m below ground level.
	Size and no of RWH tank(s) and Quantity:	17 x 200 KL = 3400 , 1 x 400 KL = 400 , 1 x 100 KL = 100, Total = 3900 CuM/day
	Location of the RWH tank(s):	RWH tanks are proposed in basement.
	Quantity of recharge pits:	21
	Size of recharge pits :	1.5m x 2m x 0.5m
	Budgetary allocation (Capital cost) :	Rs. 80 Lacs
	Budgetary allocation (O & M cost) :	Rs. 2 Lacs
	Details of UGT tanks if any :	UG Tanks are proposed in Basement.
35.Storm water drainage	Natural water drainage pattern:	Storm Water drain (SWD) are laid at a slope of 1:300 the municipal outfall outside the plot.
	Quantity of storm water:	2000CuM
	Size of SWD:	200mm dia, 250mm dia, 300 mm dia, 350mm dia, 400mm dia, 450mm dia & 600mm dia.
Sewage and Waste water	Sewage generation in KLD:	2742
	STP technology:	Moving Bed Bioreactor (MBBR) Technology
	Capacity of STP (CMD):	8 Nos of STP & 2800 KLD cumulative capacity.
	Location & area of the STP:	Proposed at Basement level.
	Budgetary allocation (Capital cost):	Rs. 450 Lakhs
	Budgetary allocation (O & M cost):	Rs. 65 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Debris Generated : approx. 720000 CuM
	Disposal of the construction waste debris:	Material wastes like bricks, cement etc. will be used as fill material and concrete would be recycled and reused at the site. Municipal solid waste generated by construction shall be segregated into biodegradable and non - biodegradable and shall be handed over to MCGM. Cement bags, waste paper, cardboard packing material would be sold off to recyclers.
Waste generation in the operation Phase:	Dry waste:	4 MT/Day
	Wet waste:	5 MT/Day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	125 Kg /Day
	Others if any:	NA
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Mode of Disposal of waste:	Dry waste:	Disposed to the Municipal waste collection system and recyclable waste to be taken away by private contractor for resale.
	Wet waste:	Treatment in mechanical composting units provided at the ground level within the premises. The manure generated will be used for gardening.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried STP sludge will be used as manure for gardening
	Others if any:	NA
Area requirement:	Location(s):	On Ground level.
	Area for the storage of waste & other material:	Segregated Organic Waste
	Area for machinery:	5m x 8m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30 Lacs
	O & M cost:	Rs. 2.5 Lacs

37. Effluent Characteristics

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

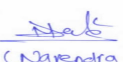
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	250 kVA	250 kVA

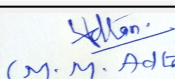
41. Source of Fuel	HSD
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42.Mode of Transportation of fuel to site		By road.		
43.Green Belt Development	Total RG area :	RG on the ground : 31900.00 Sqm , RG on the podium : 31429.00 Sqm.		
	No of trees to be cut :	Nil		
	Number of trees to be planted :	1595		
	List of proposed native trees :	Neem, Karanj, Satwin, Kadamba, Sita Ashoka, Pangara.		
	Timeline for completion of plantation :	Dec-20		
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	Azardirachta indica	Neem	300	Large tree, good for roadside plantation
2	Pongamia pinnata	Karanj	300	Shady tree.
3	Alistonia scholaris	Satwin	300	Shady Tree, white fragrant flowers
4	Anthocephallus cadamba	Kadamba	300	Shady, large tree, ball shaped flowers.
5	Saraca ashoka	Sita Ashoka	300	Shady tree with red-yellow flowers.
6	Ficus retusa	Nandruk	95	Shady tree, 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	Lemon grass/ Gavati Chaha	1m	1	
2	Tulas	0.4m	0.6	
3	Korphad	0.4m	0.5	
4	Adulasa	3.5m	3	
5	Chitrak	0.5m	0.4	
6	Krishna kamal	1.5m	1.5	
7	Kadipatta	1.5m	0.5	
47.Energy				


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Power requirement:	Source of power supply :	Reliance Energy Ltd
	During Construction Phase: (Demand Load)	200KW
	DG set as Power back-up during construction phase	D.G sets shall be used as per the requirements.
	During Operation phase (Connected load):	36,299 KW
	During Operation phase (Demand load):	24020 KW
	Transformer:	1) Building A1 to A3: 4 x 1000, 3 x 750, 2 x 630 kVA 2) A4 to A6: 4 x 1000, 3 x 750 kVA 3) B1 to B3: 4 X 1000, 4 X 750kVA 4) B4 to B6:
	DG set as Power back-up during operation phase:	14 Nos of 750kVA, 2Nos of 330kVA.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Energy saving measures: Energy conservation will be done by adopting the following methods.

- Energy efficient fluorescent tube lights & LED lamps will be used.
- Presence sensors & day - light sensors will be provided where evr feasible.
- Solar operated pole lights will be proposed to power pathway lights at some strategic locations.
- Use of energy saving devices (CFL light and Patti light) .
- Drip irrigation shall be used for gardening purpose to reduce the wastage of water .
- Use of high energy efficient pumps for fire fighting, UG tanks and STP.
- General lighting shall be through energy efficient flurosecent lamps and illumination levels shall be generally in line with National Building Code.

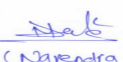
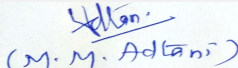
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	a) Replacing 60w incandescent lamps with 18W LED lamps with circuit controls. b) Air conditioning load - High COP chillers, Demand control ventilation, Variable pumping , Speed control in AHUs. c) Regeneration braking of elevators d) High efficiency motors for PHE systems. e) Solar powered water heating f) Solar photovoltaic power generation for external lighting	7.858 Mil Units / Energy savings - 22.51%

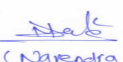
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 60 Lakhs
	O & M cost:	Rs. 6 Lakhs

51. Environmental Management plan Budgetary Allocation

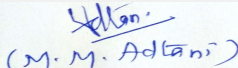
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a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	1	Water For Dust Suppression	10				
2	2	Site Sanitation	10				
3	3	Environment Monitoring	15				
4	4	Disinfection	5				
5	5	Health Check Up	20				
6	6	Total Cost	60				
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	MBBR technology (303MLD capacity)	450	36			
2	Rain Water Harvesting	19 underground tanks for capturing terrace water	80	2			
3	Environmental Monitoring	Environmental Monitoring	NABL/MOEF approved Laboratory for monitoring	16			
4	Solar Lights	300 poles	60	6			
5	Gardening	Gardening	50	10			
6	Solid Waste Management	Treatment of biodegradable garbage in OWC(4.64 tonnes per Day)	30	2.5			
7	Cost for Safety and fire fighting	17 buildings	3400	85			
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 to the plot is from 24.0 m wide D.P road.				

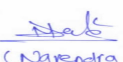

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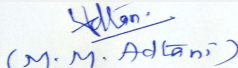

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Parking details:	Number and area of basement:	Building No. 1 (Residential): 2,34,449.50 Sqm of 3 Basements , Building No. 2 & 3 (Residential & Commercial): 18,645.00 Sqm of 1 Basement
	Number and area of podia:	Building no. 1 (Residential): 44,727.40 & 1 Basement , Building No. 2 (Residential): 8,445.35 Sqm & 1 Basement
	Total Parking area:	23,449.55 Sqm in Basement of Building No.1, 18,645.00 Sqm in Basement of Building No. 2&3, 44,727.40 Sqm in podium of Building No. 1, 8,445.35 Sqm in Podium of Building No. 2.
	Area per car:	13.75
	Area per car:	13.75
	Number of 2-Wheelers as approved by competent authority:	2-Wheelers are not proposed
	Number of 4-Wheelers as approved by competent authority:	2423
	Public Transport:	Yes
	Width of all Internal roads (m):	All internal roads are 6m wide.
	CRZ/ RRZ clearance obtain, if any:	The subject plot u/r is not falling in CRZ area as per HTL demarcation plan prepared by MoEF authorized agency i.e. IRS Chennai.
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		
Environment Clearance for Proposed Residential cum Commercial Complex project Rare Townships Private Limited at CTS No. 194B, PWD Ground, Ghatkopar - Mankhurd Link Road, Chedda Nagar, Ghatkopar (E), Mumbai by Executive Engineer (PWD) .		
PP had submitted withdrawal request by letter dated 20/11/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.		


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DECISION OF SEAC

PP had submitted withdrawal request by letter dated 20/11/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

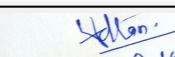
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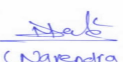
135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Plot bearing CTS NOS. 25/5 to 25/9, 25/10A, 25/10B, 40/17, 40/22, 41/13, 41/17, 42/1, 42/2, 42/3, 43/1, 43/2, 43/3(pt), 44/1, 44/2, 47/1(pt), 47/5(pt), 47/6(pt), 47/2/1(pt), 47/2/2(pt), 47/3/2(pt), 21, 22, at village:- Balkum Tal & Dist - Thane

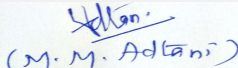
Is a Violation Case: No

1.Name of Project	Dosti Enterprises
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sanjog Deshmukh
4.Name of Consultant	Dr. D. A. Patil, Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	On plot bearing CTS Nos. 25/5 to 25/9, 25/10A, 25/10B, 40/17, 40/22, 41/13, 41/17, 42/1, 42/2, 42/3, 43/1, 43/2, 43/3(pt), 44/1, 44/2, 47/1(pt), 47/5(pt), 47/6(pt), 47/2/1(pt), 47/2/2(pt), 47/3/2(pt), 21, 22, at village:- Balkum Tal & Dist - Thane by Dosti Enterprises
9.Taluka	Thane
10.Village	Balkum
Correspondence Name:	Dosti Enterprises
Room Number:	276
Floor:	1st floor
Building Name:	Lawrence & Mayo House
Road/Street Name:	Dr. DN Road
Locality:	Fort,
City:	Fort, Mumbai - 400001
11.Whether in Corporation / Municipal / other area	TMC
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 63543
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.)	21602.25 m ²
16.Deductions	4257.25 m ²
17.Net Plot area	17345.20 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 47172.34 m ²
	b) Non FSI area (sq. m.): 58478 m ²
	c) Total BUA area (sq. m.): 105650
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 25,930 m ²
	Approved Non FSI area (sq. m.): 37,613 m ²
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	Covered area: 9802 m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57%
21.Estimated cost of the project	28575


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22.Number of buildings & its configuration

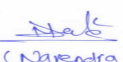
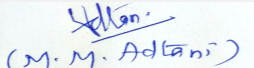
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Type A	B+G/S(pt)+ 1st to 2nd Podiums + 1st to 27th floors.	88.00
2	Type B	B +G/S(pt)+ 1st to 2nd Podiums + 1st to 27th floors.	88.00
3	Type C	B+ Stilt +1st to 2nd Podiums + 1st to 27th floors.	88.00
4	Type D	B+ Stilt +1st to 2nd Podiums + 1st to 27th floors.	88.00
5	Type E	B+S+1st to 2nd Podiums + 1st to 27th floors.	88.00
6	Type F	B +S + 1st to 2nd Podiums + 1st to 8th floors For MHADA and 9th to 27th Floor for Sale	88.00

23.Number of tenants and shops	No of sale tenants: 1116 Nos. MHADA: 70 Nos Total: 1186 Nos Commercial Area: 341.29 m2
24.Number of expected residents / users	5,964 Nos.
25.Tenant density per hectare	697/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 18 m and 45 m Wide Road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9 m
29.Existing structure (s) if any	No
30.Details of the demolition with disposal (If applicable)	NA

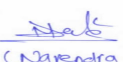
31.Production Details

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

32.Total Water Requirement

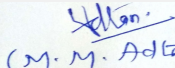
 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 22 of 286	 Shri M.M.Adtani (Chairman SEAC-II)
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Dry season:	Source of water	TMC								
	Fresh water (CMD):	535 KLD								
	Recycled water - Flushing (CMD):	268 KLD								
	Recycled water - Gardening (CMD):	29 KLD								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	802 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	445 KLD								
Wet season:	Source of water	TMC + RWH								
	Fresh water (CMD):	488 KLD								
	Recycled water - Flushing (CMD):	268 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	802 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	445 KLD								
Details of Swimming pool (If any)	-									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Ground water table at depth of 1.5 to 2 m
	Size and no of RWH tank(s) and Quantity:	6 RWH Tank with Capacity: 160 cu.m
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 37 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.8 Lakh/year
	Details of UGT tanks if any :	Underground
35.Storm water drainage	Natural water drainage pattern:	The slope of the plot is towards East side
	Quantity of storm water:	The storm water generation 1995.57 m3/hr
	Size of SWD:	550 and 700 mm wide internal SWD drains
Sewage and Waste water	Sewage generation in KLD:	749 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	STP of 800 KLD capacity
	Location & area of the STP:	Basement Area of STP: 580 m2
	Budgetary allocation (Capital cost):	Rs. 160 Lakh
	Budgetary allocation (O & M cost):	Rs.32 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris: 3068 m3
	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:	1,783 kg/day
	Wet waste:	1,189 kg/day
	Hazardous waste:	Used oil from DG
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	7 kg/day
	Others if any:	-

Mode of Disposal of waste:	Dry waste:	Dry garbage will be disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	Handed over to authorized recyclers
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	Household E-waste generation
Area requirement:	Location(s):	Underground
	Area for the storage of waste & other material:	120 m2
	Area for machinery:	65 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 80 Lakh
	O & M cost:	Rs.32 Lakh/yr

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

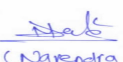
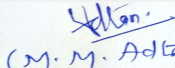
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 :	RG required: 2601.78 m2 RG provided: 6125.33 m2 (RG on Ground: 2661.71 m2 & RG on Podium: 3463.62 m2)
	No of trees to be cut :	-
	Number of trees to be planted :	215 Nos.
	List of proposed native trees :	Given below
	Timeline for completion of plantation :	Within 2 years of completion of construction activity

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

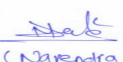
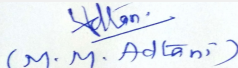
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	ERYTHRINA INDICA	Pangara	20	As medicinal value, Bird and insect attractive.
2	LAGERSTROEMIA SPECIOSA	Tamhan	20	Edible, mature fruit as medicinal value, Bird and insect attractive.
3	MIMUSOP ELENGI	Bakul	10	As medicinal value, Bird and insect attractive.
4	PONGAMIA PINNATA	Karanj	10	Valued for its oil and insect repellent, having medicinal value.
5	SARACA INDICA	Sita Ashok	40	As medicinal value, Bird and insect attractive.
6	ANTHOCEPHALUS CADAMBA	Kadamba	20	Shady, large tree, ball shaped flowers.
7	BAUHINIA PURPUREA	Apta	25	Small tree with small white flowers, Butterfly host plant
8	EUGENIA JAMBOLANA	Jambul	20	Fruit tree attracting birds
9	MICHELIA CHAMPACA	Chafa	10	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
10	MILLINGTONIA HORTENSIS	Indian cork tree	20	Evergreen Tree
11	NYCTANTHES ARBOR TRISTIS	Parijat	10	Small deciduous fast growing tree, beautiful flowers.
12	POLYALTHIA LONGIFOLIA	Ashoka Tree	10	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	-	-	-

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):	4.4 MW
	During Operation phase (Demand load):	3.4 MW
	Transformer:	5 X 1000 kVA
	DG set as Power back-up during operation phase:	7 X 400 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Solar PV Hot water to Residential Buildings, Solar PV Panels on Roof Top of Commercial Area., Solar Street lighting in landscape , common area passages

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	• Use of Energy Efficient Pumps & Motors for firefighting, UG Tanks and STP • Solar PV Panels on Roof Top of Commercial Area • Energy efficient lighting fixtures (LED lights) to all buildings • Use of energy efficient lifts • Efficient wall systems like solid blocks with fly ash content • Use of low-e glass to reduce power requirement • Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement	21.85%

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. 26 Lakh
	O & M cost:	Rs. 1.3 Lakh/year

51. Environmental Management plan Budgetary Allocation

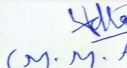
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	4.0


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2	Site sanitation Facility and its maintenance	-	6.0
3	Potable Water Supply to Labour	-	3.0
4	Solid waste management	-	1.5
5	Disinfection	-	1.5
6	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	8.0
7	Traffic Management (Sign Boards, Persons, at entry exit and Parking area)	-	2.5
8	Safety nets	-	12.0
9	Safety Training to Workers (Twice in Year), Safety Officer	-	3.0
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)	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)	-	160	32
2	Solar System	-	26	1.3
3	Rainwater harvesting	-	37	1.8
4	Solid Waste Composting plant	-	80	32
5	Landscape	-	54	5
6	Environmental Monitoring	-	-	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

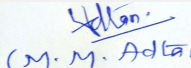
52.Any Other Information

No Information Available

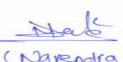

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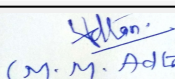

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SEAC-II)

53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	1 Basement with total 8622 m2
	Number and area of podia:	GR + 2 Podiums with total 17,279 m2 area
	Total Parking area:	23162.39 m2
	Area per car:	22 m2
	Area per car:	22 m2
	Number of 2-Wheelers as approved by competent authority:	2W parking Required: 1,203Nos. 2W Parking Provided: 1,203 Nos.
	Number of 4-Wheelers as approved by competent authority:	4W parking Required: 732 Nos. 4W Parking Provided: 1057 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	18 m and 45 m Wide
	CRZ/ RRZ clearance obtain, if any:	CRZ Clearance Received
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park : 2.5 km approx
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	Not Applicable
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorised in brief information of Project as below.		
Brief information of the project by SEAC		


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Environment Clearance for Plot bearing CTS NOS. 25/5 to 25/9, 25/10A, 25/10B, 40/17, 40/22, 41/13, 41/17, 42/1, 42/2, 42/3, 43/1, 43/2, 43/3(pt), 44/1, 44/2, 47/1(pt), 47/5(pt), 47/6(pt), 47/2/1(pt), 47/2/2(pt), 47/3/2(pt), 21, 22, at village:- Balkum Tal & Dist - Thane by Dosti Enterprises.

PP had submitted withdrawal request by letter dated 21/01/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 21/01/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

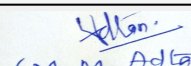
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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

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: Yes

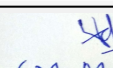
1.Name of Project	"Roop Rajat Park" Residential Cum Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Mahavir Associates
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	residential commercial project
6.New project/expansion in existing project/modernization/diversification 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: 115054.31
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.): 96869.71
	b) Non FSI area (sq. m.): 18180.60
	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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22.Number of buildings & its configuration

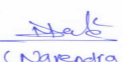
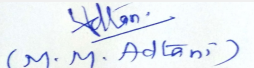
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	type 1- 1 no.	G+3	12.20
2	type 2-1 no.	G+3	12.20
3	type 3A-14 nos.	G+3	12.20
4	type 3B-24 Nos.	S+4	14.10
5	type 3C - 2 Nos.	S+4	14.10
6	type 3D-11 Nos.	S+4	14.10
7	type 4- 21 Nos.	S+4	14.10
8	type 5- 66 Nos.	G+1	6.7
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 No.s
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

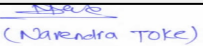
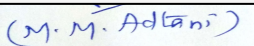
31.Production Details

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	

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 = 1701 cum (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.136.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs.6.8 Lakhs
	Details of UGT tanks if any :	Below ground level Domestic= 673cum Flushing= 419 cum RWH =1701 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

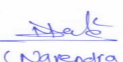
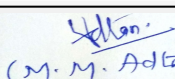
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	Albizia 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

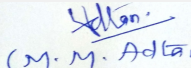
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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):

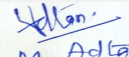
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	air environment	dust suppression	2.00
2	land environment	site sanitation	2.50
3	Environment monitoring	For Air, Noise, Water Analysis	7.5
4	EHS	Disinfection	2.0


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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	136.00	6.80
2	solid waste	OWC	10.00	4.00
3	water environment	STP	90.00	11.0
4	energy saving	Solar energy system	218.00	22.0
5	land environment	landscaping	20.00	2.00

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

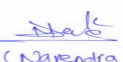
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

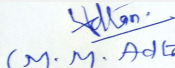
53.Traffic Management

	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	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
	Other Relevant Informations	the project was apprised 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

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

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.

PP had submitted withdrawal request by letter dated 18/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 18/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

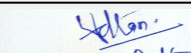
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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Residential Development at BPCL Staff Colony, Chembur, Mumbai

Is a Violation Case: No

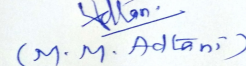
1.Name of Project	Residential Development at BPCL Staff Colony, Chembur, Mumbai
2.Type of institution	Semi Government
3.Name of Project Proponent	M/s. Bharat Petroleum Corporation Ltd.
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion project in which most of the structures are constructed and occupied prior to Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects and also as per EIA Notification 2006 and now there is proposed expansion .
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Expansion project in which most of the structures are constructed and occupied prior to Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects and also as per EIA Notification 2006 and now there is proposed expansion .
8.Location of the project	Plot bearing C.T.S. No. 231, 232 & 234 of Village Wadhavali & C.T.S. No. 168 of Village Maravali at Chembur, Mumbai.
9.Taluka	Kurla
10.Village	Village Wadhavali and Village Maravali
Correspondence Name:	Mr. Milind M. Labhane [Dy. General Manager Estates (MR)]
Room Number:	--
Floor:	3RD FLOOR
Building Name:	South Block, Admin Building
Road/Street Name:	--
Locality:	BPCL Refinery, Mahul - 400074.
City:	BPCL Refinery, Mahul - 400074.
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12.IOD/IOA/Concession/Plan Approval Number	For Block no. 39 : Received IOD and Amended IOD dt. 06.09.2011 and 16.03.2013 respectively . Received Occupation certificate dt. 28.04.2014 , For Block no. 40 - Received IOD letter dt. 19.10.2016, o Received CC up to Stilt Top from MCGM for Block No. 40 dt. 25.10.2017 IOD/IOA/Concession/Plan Approval Number: For Block No. 39 (OC no.): CE/6538/BPES/AM , For Block no. 40 (IOD No.) : No. CHE/625/BP (Spl. Cell)/AME/337 of 2016-17 Approved Built-up Area: 78105.414
13.Note on the initiated work (If applicable)	Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects : On the plot under consideration most of the buildings (i.e. Block No. 1 to 38, Bungalows 1 to 6, Trombay Club, Changing Rooms, Gate House, Servant Quarters, Sports Complex, Nursery School, Telephone Exchange, Store) were constructed and occupied prior to the year 2004 hence are not coming under purview of EIA Notification, 1994 as amended in 2004 for construction projects nor as per EIA Notification, 2006, Buildings under purview of EIA Notification: o Received IOD and Amended IOD dt. 06.09.2011 and 16.03.2013 respectively for Block No. 39 o Received Occupation certificate dt. 28.04.2014 o Received CC up to Stilt Top from MCGM for Block No. 40 dt. 25.10.2017
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	For proposed Block No. 40 : Received IOD from MCGM dt. 19.10 2016
15.Total Plot Area (sq. m.)	2, 10,851.90 Sq.mt.
16.Deductions	36,109.62 Sq. mt.
17.Net Plot area	1,74,742.28 Sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 78105.414 (Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects and also as per EIA Notification 2006: 61805.854 + Buildings under purview of EIA Notification: 16299.56) b) Non FSI area (sq. m.): 3686.65(Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects and also as per EIA Notification 2006: 2389.35+ Buildings under purview of EIA Notification: 1297.30) c) Total BUA area (sq. m.): 81792.06


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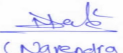
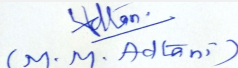
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18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 78105.414
	Approved Non FSI area (sq. m.): 3686.65
	Date of Approval: 19-10-2016
19.Total ground coverage (m2)	Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects: 18106.22 Sq. mt. Buildings under purview of EIA Notification: 1274.65 Sq. mt. Total Ground coverage: 19380.87 Sq.mt. (11 %)
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	11 %
21.Estimated cost of the project	492600000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects and also as per EIA Notification 2006	--	--
2	Block 1 to 14	Ground + 2 Floors	Block 1 to 4: 10.5 , Block 5 to 14: 9.0 mt.
3	Block 15 to 19	Stilt + 3 Floors	12.0 mt.
4	Block 20 to 22	Ground + 7 Floors	24.0 mt.
5	Block 23	Stilt + 7 Floors	24.0 mt.
6	Block 24,25, 26	Ground + 7 Floors	24.0 mt.
7	Block 27 to 30	Stilt + 7 Floors	24.0 mt.
8	Block 31 to 36	Ground + 7 Floors	24.0 mt.
9	Block 37,38	Stilt + 14 Floors	42.5 mt.
10	Bungalow -1 to 6	Ground Floor	3.5 mt.
11	Trombay Club	Ground Floor	--
12	Changing rooms	Ground + 1 Floor	--
13	Gate House	Ground Floor	--
14	Servant Quarters	Ground Floor	--
15	Sports Complex	Ground Floor	--
16	Nursery School	Ground Floor	--
17	Telephone exchange	Ground Floor	--
18	Store	Ground Floor	--
19	Buildings under purview of EIA Notification	--	--
20	Block 39	Stilt + 11 Floors	36.15 mt.
21	Block 40	Ground +18 Floors	59.10 (Up to Terrace Level)

23.Number of tenants and shops	Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects and also as per EIA Notification 2006 Block 1 to 38: 488 Nos. Bungalow -1 to 6 Amenities : Trombay Club , Changing rooms, Gate House, Servant Quarters, Sports Complex, Nursery School, Telephone exchange, Store Buildings under purview of EIA Notification Block 39 : 42 nos, Block 40 : 36 Nos.
24.Number of expected residents / users	Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects and also as per EIA Notification 2006: 2528 Nos. Buildings under purview of EIA Notification: 468 Nos. Total: 2996 Nos.

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25.Tenant density per hectare	Buildings prior to EIA Notification, 1994 as amended in 2004 for construction projects: 29/Ha , Buildings under purview of EIA Notification: 5/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))	12.0 mt. wide road connecting to 27.45 m wide road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9.0 mt
29.Existing structure (s) if any	As mentioned in point no. 13
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	MCGM and From Tanker water/ In future-Bore well water with prior permission of CGWA
	Fresh water (CMD):	266 (Buildings not under purview of EIA Notification: 224 + Buildings under purview of EIA Notification: 42)
	Recycled water - Flushing (CMD):	135 (Buildings not under purview of EIA Notification: 114 + Buildings under purview of EIA Notification : 21 by STP treated sewage)
	Recycled water - Gardening (CMD):	25
	Swimming pool make up (Cum):	4 KLD
	Total Water Requirement (CMD) :	430 KLD
	Fire fighting - Underground water tank(CMD):	Existing Buildings prior to EIA Notification: 861 KL, Block 39 & 40 : 200 KL
	Fire fighting - Overhead water tank(CMD):	Existing Buildings prior to EIA Notification: 995 KL, BLock 39 & 40 : 60 KL
	Excess treated water	For Block 1, 20 to 36, Amenities: 167, For Block 2 to 4, 5 to 19, 37, 38, Bungalow 1 to 6 , & Block 39 & 40 : 117

Wet season:	Source of water			MCGM and From Tanker water/ In future-Bore well water with prior permission of CGWA					
	Fresh water (CMD):			266 (Buildings not under purview of EIA Notification: 224 + Buildings under purview of EIA Notification: 42)					
	Recycled water - Flushing (CMD):			135 (Buildings not under purview of EIA Notification: 114 + Buildings under purview of EIA Notification : 21 by STP treated sewage)					
	Recycled water - Gardening (CMD):			--					
	Swimming pool make up (Cum):			4 KLD					
	Total Water Requirement (CMD) :			405 KLD					
	Fire fighting - Underground water tank(CMD):			Existing Buildings prior to EIA Notification: 861 KL, Block 39 & 40 : 200 KL					
	Fire fighting - Overhead water tank(CMD):			Existing Buildings prior to EIA Notification: 995 KL, BLock 39 & 40 : 60 KL					
	Excess treated water			For Block 1, 20 to 36, Amenities: 167, For Block 2 to 4, 5 to 19, 37, 38, Bungalow 1 to 6 , & Block 39 & 40 : 142					
Details of Swimming pool (If any)				Volume of swimming pool : 302.4 Cum					
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
34.Rain Water Harvesting (RWH)	Level of the Ground water table:			4.95m ground level					
	Size and no of RWH tank(s) and Quantity:			Block No. 39: 1 RWH tank of 15 KL , Block No. 40: 1 RWH tank of 25 KL					
	Location of the RWH tank(s):			Underground					
	Quantity of recharge pits:			21 Nos. of Recharge pits for Existing buildings					
	Size of recharge pits :			--					
	Budgetary allocation (Capital cost) :			Rs. 47.80 Lacs					
	Budgetary allocation (O & M cost) :			Rs. 2.22 Lacs/annum					
	Details of UGT tanks if any :			Underground					

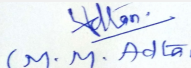
35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged into the external drain.
	Quantity of storm water:	2.99 m3/sec
	Size of SWD:	Total capacity of drain: 9.89 m3/sec
Sewage and Waste water	Sewage generation in KLD:	Block 1, 20 to 36, Amenities: 167 , Block 2 to 4, 5 to 19, 37, 38, Bungalow 1 to 6: 126, Block 39 & 40 : 55
	STP technology:	Block 1, 20 to 36, Amenities: The sewage shall be disposed to sewer line and from main sewer line it will be diverted through pipeline to STP jointly installed by Rashtriya Chemicals and Fertilizers (RCF) and BPCL and after treatment in STP the treated sewage shall be reused by BPCL refinery for secondary purpose, Block 2 to 4, 5 to 19, 37, 38, Bungalow 1 to 6, Block 39, 40 : Treatment in STP of capacity 200 KLD with Algal Photobioreactor (A-PBR) technology
	Capacity of STP (CMD):	One STP of 200 KL (On site)
	Location & area of the STP:	Ground (1107 sq.mt.)
	Budgetary allocation (Capital cost):	Rs. 600.00 Lacs
	Budgetary allocation (O & M cost):	Rs. 39.04 Lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Use of excavated earth material within site.
	Disposal of the construction waste debris:	Construction waste shall be partly reused/recycled on site and partly will be disposed to the authorized landfill site.
Waste generation in the operation Phase:	Dry waste:	801 kg/day (Buildings not under purview of EIA Notification: 675+ Buildings under purview of EIA Notification: 126)
	Wet waste:	533 kg/day (Buildings not under purview of EIA Notification: 449 + Buildings under purview of EIA Notification: 84)
	Hazardous waste:	not applicable
	Biomedical waste (If applicable):	not applicable
	STP Sludge (Dry sludge):	not applicable
	Others if any:	not applicable
Mode of Disposal of waste:	Dry waste:	To recyclers
	Wet waste:	Treatment in Municipal Solid Waste Pilot Plant
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Area requirement:	Location(s):	Ground Floor
	Area for the storage of waste & other material:	--
	Area for machinery:	504 Sq. mt.(including storage of waste)

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 466.40 Lacs (Cost for treatment of biodegradable garbage)					
	O & M cost:	Rs. 44.23 Lacs/annum (Cost for treatment of biodegradable garbage)					
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		--					
42.Mode of Transportation of fuel to site		--					
43.Green Belt Development							
Total RG area :		Reservation(Designated) RG : 35370.29 Sq.m. & Physical RG: 26211.34 Sq.m.					
No of trees to be cut :		5 Nos.					
Number of trees to be planted :		Existing trees on total layout: 5430 Nos., Trees to be planted : 39 Nos.					
List of proposed native trees :		Given in List of proposed plantation on ground					
Timeline for completion of plantation :		Before occupation					
44.Number and list of trees species to be planted in the ground							


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Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	13	Large tree, fast-growing evergreen tree, drought resistance, Medicinal properties, good for roadside plantation.
2	Cassia fistula L.	Bahava	13	Is widely grown as an ornamental plant. Growth for this tree is best in full sun on well-drained soil; it is relatively drought tolerant and slightly salt tolerant. It attracts bees and butterflies for pollination
3	Pongamia pinnata (L.) Pierre	Karanj	13	It has large canopy which spreads equally wide, It has potential to grow in salt water soil, drought-tolerant. Its roots maintains the nitrogen content of soil

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	NA	NA

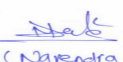
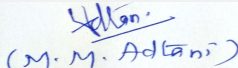
47.Energy

Power requirement:	Source of power supply :	Reliance Infrastructure Ltd. and TATA Power
	During Construction Phase: (Demand Load)	As per requirement
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	Buildings not under purview of EIA Notification : 7300 KW, Block No. 39: 900 KW and Block No. 40: 962 KW
	During Operation phase (Demand load):	Buildings not under purview of EIA Notification: 650 KW, Block No. 39: 45 KW, Block No. 40 : 48 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	Block No. 39 : 1 DG set of 125 kVA and Block No. 40 : 1 DG set of 320 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NOC received from TATA power and copy is attached to Form1 and 1A

48.Energy saving by non-conventional method:

? Solar PV System for common area lighting
 ? Use of LED Lamp in Flats & Common area.
 ? Use of BEE FIVE star certified Air conditioners in flats.
 ? Use of VFD for Lifts and high efficient pumps
 ? Proposed Solar PV panels for existing buildings also

49.Detail calculations & % of saving:

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Serial Number	Energy Conservation Measures	Saving %
1	Solar PV System for common area lighting	Solar PV System for common area lighting
2	Use of LED Lamp in Flats & Common area	Use of LED Lamp in Flats & Common area
3	Use of BEE FIVE star certified Air conditioners in flats	Use of VFD for Lifts and high efficient pumps
4	Use of VFD for Lifts and high efficient pumps	Use of VFD for Lifts and high efficient pumps
5	Buildings not under purview of EIA Notification	20 %
6	Block No. 39	4 %
7	Block No. 40	15 %

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. 31.00 Lacs (Costing for Solar Panels)

O & M cost:

Rs. 2.00 Lacs/annum (Costing for Solar Panels)

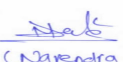
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust Suppression	0.36
2	Air Environment	Air & Noise monitoring By outside MOEF Approved Laboratory	0.22
3	Water Environment	Drinking water analysis	0.18
4	Land Environment	Site Sanitation	5.00
5	Health & Hygiene	Disinfection at site- Pest Control	1.20
6	Health & Hygiene	Health Check Up of workers	1.50
7	Cost towards Disaster management	--	44.51

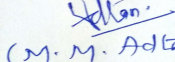
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Environment & Biological Environment	Cost for Gardening	30.75	20.73
2	Air Environment & Biological Environment	Cost for Ambient air & Noise Monitoring	*No set up cost is involved	0.22
3	Air Environment & Biological Environment	DG Stack Exhaust Monitoring	*No set up cost is involved	0.10


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4	Water Environment (Water Conservation (Rain Water Harvesting System)	Cost for RWH tanks & recharge pits	41.80	2.10
5	Water Environment (Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for rain water tanks	6.00	0.02
6	Water Environment (Water Conservation (Rain Water Harvesting System)	Rain Water Quality Monitoring	*No set up cost is involved	0.10
7	Land Environment (Solid Waste Management)	Cost for Treatment of biodegradable garbage	466.40	44.23
8	Energy Conservation	Solar system	31.00	2.00
9	Cost towards Disaster management	--	117.94	5.54
10	Water Environment- Cost for Waste water treatment	Cost for Sewage Treatment Plants	600	39.04
11	Water Environment- Cost for water & waste water Monitoring	Cost for water & waste water Monitoring	30.00	1.00
12	Water Environment- Cost for water & waste water Monitoring	--By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.05

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

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

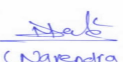
52.Any Other Information

No Information Available

53.Traffic Management

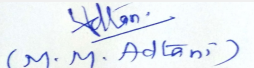
	Nos. of the junction to the main road & design of confluence:	one entry and one exit
--	---	------------------------

Parking details:	Number and area of basement:	Nil
	Number and area of podia:	No applicable
	Total Parking area:	Buildings not under purview of EIA Notification: 13537.50 sq.mt., Block No. 39 : 2805.00 Sq. mt. , Block No. 40 : 2140.00 Sq. mt.
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Buildings not under purview of EIA Notification: 226 nos, Block No. 39 : 20 nos. , Block No. 40 : 25 nos.
	Number of 4-Wheelers as approved by competent authority:	Buildings not under purview of EIA Notification: 1083 nos, Block No. 39 : 115 nos. , Block No. 40 : 90 nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Mini. 6 mt.
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	no
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	nil
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	19-06-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorised in brief information of Project as below.		
Brief information of the project by SEAC		
Environment Clearance for Residential Development at BPCL Staff Colony, at Plot bearing C.T.S. No. 231, 232 & 234 of Village Wadhavali & C.T.S. No. 168 of Village Maravali at Chembur, Mumbai by M/s. Bharat Petroleum Corporation Ltd.		
PP had submitted withdrawal request by letter dated 04/07/2018, Committee decided to accept the same & forward the same to SEIAA for further necessary action.		


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DECISION OF SEAC

PP had submitted withdrawal request by letter dated 04/07/2018, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

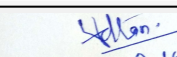
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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Government of Maharashtra (PWD) & Rare Townships Private Limited

Is a Violation Case: Yes

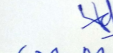
1.Name of Project	Proposed GoM Residential cum Developer's Residential project
2.Type of institution	Semi Government
3.Name of Project Proponent	Government of Maharashtra (PWD) & Rare Townships Private Limited
4.Name of Consultant	M/s. AQURA LABS PVT.LTD
5.Type of project	Housing Project (GoM Residential cum Developer's 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	NA
8.Location of the project	CTS No. 194B, Survey No 236A, PWD Ground, Ghatkopar - Mankhurd Link Road,Ghatkopar (E), Mumbai- 400 077
9.Taluka	Kurla
10.Village	Ghatkopar
Correspondence Name:	M/s Rare Townships Private Limited
Room Number:	CTS No. 194B
Floor:	Ground floor
Building Name:	PWD Ground
Road/Street Name:	Ghatkopar- Mankhurd Link Road
Locality:	Ghatkopar (E)
City:	Mumbai - 400 077
11.Whether in Corporation / Municipal / other area	Mumbai Corporation Of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IOA & CC IOD/IOA/Concession/Plan Approval Number: IOA Approval Number - CE/406/BPES/GovT/N, CC Approval Number - CE/406BPES/GovT/N Approved Built-up Area: 181126.00
13.Note on the initiated work (If applicable)	We had obtained EC on 21 Mar 2006. To start with we have constructed Govt component of work. The Govt work is progressed to about 80% progress. The scope of work more or less remains the same. Developer's component has been taken up later which has reached to about 26% progress.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	5,20,641.65 Sqm
16.Deductions	2,75,019.01 Sqm
17.Net Plot area	3,09,583.42 Sqm for FSI Calculation
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 2,32,187.57 Sqm
	b) Non FSI area (sq. m.): 87,644.75 Sqm
	c) Total BUA area (sq. m.): 320332.32
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 2,32,187.57 Sqm
	Approved Non FSI area (sq. m.): 87,644.75 Sqm
	Date of Approval: 15-07-2013
19.Total ground coverage (m2)	22,425.33 Sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	9.16 %
21.Estimated cost of the project	9190000000


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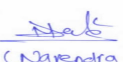
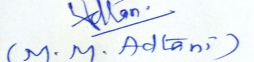
22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sale component: Building No. 1 (Residential)	Wing A1 - A6 : 3Basements + Stilt + 2 Podiums + 28 Floors	95.75
2	PWD component : Building No. 1 (Residential)	Wing 1: Stilt+15 Floors	59.95
3	PWD component : Building No. 2 (Residential)	Wing 2 & 3 : Stilt+21 Floors	71.01
4	PWD component : Building No. 1 (Residential)	Wing 4,5,9 & 10 : Stilt+21 Floors	71.01
5	PWD component : Building No. 1 (Residential)	Wing 6,7, 8 : Stilt+14Floors	50.55
6	PWD component : Rest House	Ground + 11 floors	42.85
7	PWD component : Shopping Centre	Ground + 1floor	12.830
8	PWD component : Club House	Ground + 1floor	10.00
9	PWD component : Medical Centre	Ground floor	8.80
10	Building No. 6 (HIndu temple)	Basements + Stilt + 2 Floors	18.30
11	Building No. 6 (HIndu temple)	Basements + Stilt + 2 Floors	18.30

23. Number of tenants and shops	Total number of flats: Residential : Sale component : 1143 PWD component: 1199 Shops: 22 nos. Rest House : 151 units Medical Centre : 68 units
24. Number of expected residents / users	13355
25. Tenant density per hectare	NA
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	24.00 mtrs wide proposed D.P road
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.0 mtrs
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)
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1	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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32.Total Water Requirement

Dry season:	Source of water	MCGM
	Fresh water (CMD):	1257
	Recycled water - Flushing (CMD):	618
	Recycled water - Gardening (CMD):	212
	Swimming pool make up (Cum):	120
	Total Water Requirement (CMD) :	2226
	Fire fighting - Underground water tank(CMD):	1100
	Fire fighting - Overhead water tank(CMD):	480
	Excess treated water	706
Wet season:	Source of water	MCGM
	Fresh water (CMD):	1257
	Recycled water - Flushing (CMD):	618
	Recycled water - Gardening (CMD):	212
	Swimming pool make up (Cum):	120
	Total Water Requirement (CMD) :	2226
	Fire fighting - Underground water tank(CMD):	1100
	Fire fighting - Overhead water tank(CMD):	480
	Excess treated water	706
Details of Swimming pool (If any)	Proposed swimming pool in podium level.	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	1257	1257	1257	Nil	Nil	Nil	Nil	Nil	Nil
Gardening	212	212	212	Nil	Nil	Nil	Nil	Nil	Nil

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	1m to 2m below ground level.
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	9 Nos
	Size of recharge pits :	3.5m dia x 2.5m depth
	Budgetary allocation (Capital cost) :	Rs. 18 Lakh
	Budgetary allocation (O & M cost) :	Rs. 50 Thousand
	Details of UGT tanks if any :	UG Tanks are proposed in Basement floor level for Sale building & for PWD buildings UG Tanks are proposed at Ground floor level
35.Storm water drainage	Natural water drainage pattern:	By Gravity flow.
	Quantity of storm water:	2000 CuM
	Size of SWD:	As approved by MCGM.
Sewage and Waste water	Sewage generation in KLD:	1555
	STP technology:	Moving Bed Bioreactor (MBBR) Technology
	Capacity of STP (CMD):	6 Nos of STP & 1920 KLD cumulative capacity.
	Location & area of the STP:	Proposed at Basement level & Ground level
	Budgetary allocation (Capital cost):	Rs. 310 Lakh
	Budgetary allocation (O & M cost):	Rs. 45 Lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Cement bags, broken concrete, saw dust & wooden pieces etc.
	Disposal of the construction waste debris:	Recyclable material is sold and non-recyclable are disposed off as per MCGM Debris Management approval.
Waste generation in the operation Phase:	Dry waste:	2.90 TPD
	Wet waste:	2.37 TPD
	Hazardous waste:	NA
	Biomedical waste (If applicable):	2 Kg/Day
	STP Sludge (Dry sludge):	86 Kg /Day
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	Disposed to the Municipal waste collection system and recyclable waste to be taken away by private contractor for recycling.
	Wet waste:	Treatment in mechanical composting units provided at the ground level within the premises. The manure generated will be used for gardening.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Biomedical waste shall be disposed off through specialist contractor.
	STP Sludge (Dry sludge):	Dried STP sludge will be used as manure for gardening
	Others if any:	NA
Area requirement:	Location(s):	On Ground level.
	Area for the storage of waste & other material:	4m x 4m x 1m bins.
	Area for machinery:	2 x Organic Waste Converter of size 10m x 12m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30 Lakh
	O & M cost:	Rs. 2.5 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 sent 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

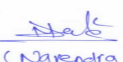
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40. Details of Fuel to be used

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

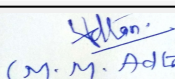
41. Source of Fuel	Not applicable
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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	RG 42,384.45 Sqm		
	No of trees to be cut :	Nil		
	Number of trees to be planted :	1595		
	List of proposed native trees :	Neem, Karanj, Satwin, Kadamba, Sita Ashoka, Pangara.		
	Timeline for completion of plantation :	December 2020		
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	Azardirachta indica	Neem	300	Large tree, good for roadside plantation
2	Pongamia pinnata	Karanj	300	Shady tree.
3	Alistonia scholaris	Satwin	300	Shady Tree, white fragrant flowers
4	Anthocephallus cadamba	Kadamba	300	Shady, large tree, ball shaped flowers.
5	Saraca ashoka	Sita Ashoka	300	Shady tree with red-yellow flowers.
6	Ficus retusa	Nandruk	95	Shady tree, 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	Lemon grass/ Gavati Chaha	1m	1	
2	Tulas	0.4m	0.6	
3	Korphad	0.4m	0.5	
4	Adulasa	3.5m	3	
5	Chitrak	0.5m	0.4	
6	Krishna kamal	1.5m	1.5	
7	Kadipatta	1.5m	0.5	
47.Energy				


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Power requirement:	Source of power supply :	Reliance Energy Ltd & Tata Power Supply
	During Construction Phase: (Demand Load)	400 KW
	DG set as Power back-up during construction phase	D.G sets shall be used as per the requirements.
	During Operation phase (Connected load):	27211 KW
	During Operation phase (Demand load):	18650 KW
	Transformer:	To be installed by power supply company as required.
	DG set as Power back-up during operation phase:	2 Nos of 750 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 measures:

Energy conservation will be done by adopting the following methods.

- Energy efficient LED lamps will be used.
- Presence sensors & day - light sensors will be provided where evr feasible.
- Solar operated pole lights will be proposed to power pathway lights at some strategic locations.
- Use of energy saving devices .
- General lighting shall be through energy efficient and illumination levels shall be generally in line with National Building Code.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Details attached	5.58 Mil Units @ 22.51%.

50. Details of pollution control Systems

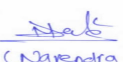
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 26 Lakh
	O & M cost:	Rs. 3 Lakh

51. Environmental Management plan Budgetary Allocation

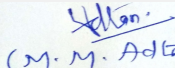
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water For Dust Suppression	5
2	Soil	Site Sanitation	5


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3	Noise	DG set with silent features	8
4	Water	Recyclable	3
5	Energy	Energy efficient devices	10

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	MBBR technology (303MLD capacity)	310	45
2	Environmental Monitoring	Environmental Monitoring	NABL/MOEF approved Laboratory for monitoring	16
3	Solar Lights	150 poles	30	3
4	Gardening	Gardening	50	10
5	Solid Waste Management	Treatment of biodegradable garbage in OWC(4.64 tonnes per Day)	30	2.5
6	Cost for Safety and fire fighting	16 buildings	390	16

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

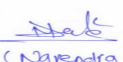
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

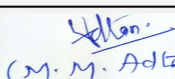
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	2 Nos of the junction to the main road & refer Annexure- 5 for design of confluence
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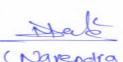

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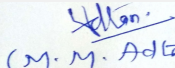

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Parking details:	Number and area of basement:	61,723.00 Sqm of 3 Basements.
	Number and area of podia:	15,392.16 Sqm of 2 Podiums
	Total Parking area:	Sale component - 168176.95 Sqm in Basements & podiums, PWD Component - 17,300.21 Sqm in Open Space
	Area per car:	13.75
	Area per car:	13.75
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	3342
	Public Transport:	NA
	Width of all Internal roads (m):	All internal roads are 6m wide and 18m wide
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	70m
	Category as per schedule of EIA Notification sheet	B-1
	Court cases pending if any	NA
	Other Relevant Informations	Attached Application Covering Letter Form-1 Form-1A EIA Report
	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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SEAC-II)

Environment Clearance for project Housing Project (GoM Residential cum Developer's Residential project) at CTS No. 194B, Survey No 236A, PWD Ground, Ghatkopar - Mankhurd Link Road, Ghatkopar (E), Mumbai by Government of Maharashtra (PWD) & Rare Townships Private Limited.

PP had submitted withdrawal request by letter dated 11/05/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 11/05/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

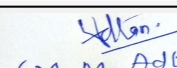
SEAC-AGENDA-0000000438


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SEAC-II)

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for application for ToR for Expansion of star category Hotel at CST no. 71/A, village Paspoli, Saki Vihar Road, Powai

Is a Violation Case: No

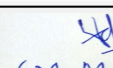
1.Name of Project	Expansion of star category Hotel at CST no. 71/A, village Paspoli, Saki Vihar Road, Powai
2.Type of institution	TOR
3.Name of Project Proponent	M/s Chalet Hotel Pvt. Ltd. Raheja Tower ,Plot No C-30, G Block , Opp SIDBI, near Bank of Baroda, BKC, 400051
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd. Mr. H. K Desai B-1003,Enviro House, 10th floor, Western Edge -II Western Express Highway, Borivali (E), Mumbai- 400 066 hkdesai5@gmail.com,; info@eaepl.com
5.Type of project	Star category Hotel
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion of Existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC letter no. No. 21-228/2007-IA.III dated December 24, 2007.
8.Location of the project	CST no. 71/A, village Paspoli, Saki Vihar Road, Powai
9.Taluka	mumbai
10.Village	powai
Correspondence Name:	Mr. Ramesh Valecha
Room Number:	-
Floor:	6th floor
Building Name:	Raheja Tower
Road/Street Name:	Raheja Tower ,Plot No C-30, G Block , Opp SIDBI, near Bank of Baroda, BKC,
Locality:	BKC
City:	Mumbai
11.Whether in Corporation / Municipal / other area	MCGM (Municipal Corporation of Greater Mumbai)
12.IOD/IOA/Concession/Plan Approval Number	Building No 3 CE/857/BPWS/AS dated 10/12/2012 , Building No 4 CE/1009/BPES/AS 28/09/2012 IOD/IOA/Concession/Plan Approval Number: Building No 3 CE/857/BPWS/AS dated 10/12/2012 , Building No 4 CE/1009/BPES/AS 28/09/2012 Approved Built-up Area: 105051
13.Note on the initiated work (If applicable)	Building no 1 and part of building no 2 already existed on site prior to MoEF notification 07.07.2004. Additional four floor over existing building no 2 and work up to plinth level for building no 3 have been constructed on site as per EC dated 24th December, 2007 received.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NOC and others approvals have been obtained for existing development. .
15.Total Plot Area (sq. m.)	60,888.62
16.Deductions	.
17.Net Plot area	51,616.31
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 105,051.25 b) Non FSI area (sq. m.): 131,538.02 c) Total BUA area (sq. m.): 236589
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	28,761.89
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	47.24%


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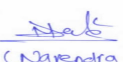
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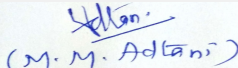
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21.Estimated cost of the project		6020000000		
22.Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Hotel Building No.:02	As extension of four floor over existing building as per EC dated 24th December, 2007. This phase has been not applicable for current submission.	.	
2	Hotel Building No.:03	Lower Basements + Upper Basement + Mid Upper Basement + Ground + 9 Podium + 20 Typical Floors	113.4 m	
3	Hotel Building No.:04	2 Basements + Ground + 5 Podium + 14 Typical Floors	84.6 m	
23.Number of tenants and shops		Banquets=728.12 (2 Nos.) Restaurants= 520 (1 Nos.) Hotel Rooms =837 (Building 03) 164 (Building 04)		
24.Number of expected residents / users		6095 no's		
25.Tenant density per hectare		-		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		The plot is accessible through 12 M wide right of way off 27.45 mt. wide Saki Vihar Road at east side and 36.60 mt wide DP road at north side of plot.		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.00 m		
29.Existing structure (s) if any		Building no 1 and part of building no 2 already existed on site prior to MoEF notification 07.07.2004. Additional four floor over existing building no 2 and work up to plinth level for building no 3 have been constructed on site as per EC dated 24th December, 2007 received.		
30.Details of the demolition with disposal (If applicable)		Not applicable		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

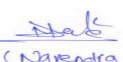

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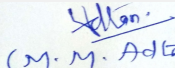

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Dry season:	Source of water	MCGM / treated water from STP								
	Fresh water (CMD):	745 KLD								
	Recycled water - Flushing (CMD):	786 KLD								
	Recycled water - Gardening (CMD):	80 KLD								
	Swimming pool make up (Cum):	6 KLD								
	Total Water Requirement (CMD) :	1611 KLD								
	Fire fighting - Underground water tank(CMD):	400 KL								
	Fire fighting - Overhead water tank(CMD):	100 KL								
	Excess treated water	detailed study to be done during EIA								
Wet season:	Source of water	MCGM/RWH/ treated water from STP								
	Fresh water (CMD):	745 KLD								
	Recycled water - Flushing (CMD):	786 KLD								
	Recycled water - Gardening (CMD):	0 KLD								
	Swimming pool make up (Cum):	6 KLD								
	Total Water Requirement (CMD) :	1531KLD								
	Fire fighting - Underground water tank(CMD):	400 KL								
	Fire fighting - Overhead water tank(CMD):	100 KL								
	Excess treated water	detailed study to be done during EIA								
Details of Swimming pool (If any)		6 KLD water requirement								
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:	detailed study to be done during EIA
	Size and no of RWH tank(s) and Quantity:	108 KL
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	detailed study to be done during EIA
	Size of recharge pits :	detailed study to be done during EIA
	Budgetary allocation (Capital cost) :	detailed study to be done during EIA
	Budgetary allocation (O & M cost) :	detailed study to be done during EIA
	Details of UGT tanks if any :	Domestic Water Tank =1490 KL Flushing Water Tank =1572 KL Fire Water Tank= 400 Kl Rain Water Harvesting Tank =108 KL Location of tank= Basement
35.Storm water drainage	Natural water drainage pattern:	Will be studied during EIA
	Quantity of storm water:	Will be studied during EIA
	Size of SWD:	Will be studied during EIA
Sewage and Waste water	Sewage generation in KLD:	766 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	810 KLD
	Location & area of the STP:	Basement
	Budgetary allocation (Capital cost):	Will be studied during EIA
	Budgetary allocation (O & M cost):	Will be studied during EIA
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Will be studied during EIA
	Disposal of the construction waste debris:	Will be studied during EIA
Waste generation in the operation Phase:	Dry waste:	1066 Kg/Day
	Wet waste:	457 Kg/Day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Will be studied during EIA
	Others if any:	Will be studied during EIA

Mode of Disposal of waste:	Dry waste:	To be hand over to Local Recyclers for recycling
	Wet waste:	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	ground
	Area for the storage of waste & other material:	Will be studied during EIA
	Area for machinery:	Will be studied during EIA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Will be studied during EIA
	O & M cost:	Will be studied during EIA

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

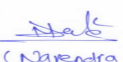
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40. Details of Fuel to be used

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

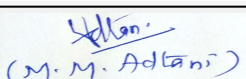
41. Source of Fuel	Not applicable
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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	RG area provided for the project is 15295.9 sqm.		
	No of trees to be cut :	Will be studied during EIA		
	Number of trees to be planted :	Will be studied during EIA		
	List of proposed native trees :	Will be studied during EIA		
	Timeline for completion of plantation :	Will be studied during EIA		
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	Will be studied during EIA	Will be studied during EIA	Will be studied during EIA	Will be studied during EIA
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	Will be studied during EIA	Will be studied during EIA	Will be studied during EIA	
47.Energy				
Power requirement:	Source of power supply :	TATA POWER merged with MCDPL		
	During Construction Phase: (Demand Load)	100 KW		
	DG set as Power back-up during construction phase	100 Kva		
	During Operation phase (Connected load):	14210 kW		
	During Operation phase (Demand load):	8565 kW		
	Transformer:	Not applicable		
	DG set as Power back-up during operation phase:	For bldg. no. 3- 4 nos of 2000 KVA and For bldg. no. 4- 2 nos of 1250 KVA for DG		
	Fuel used:	HSD		
	Details of high tension line passing through the plot if any:	Not applicable		
48.Energy saving by non-conventional method:				
Will be studied during EIA				
49.Detail calculations & % of saving:				

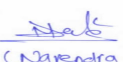

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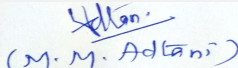

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SEAC-II)

Serial Number	Energy Conservation Measures	Saving %					
1	Will be studied during EIA	Will be studied during EIA					
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:	Will be studied during EIA					
	O & M cost:	Will be studied during EIA					
51.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Will be studied during EIA	Will be studied during EIA	Will be studied during EIA				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Will be studied during EIA	Will be studied during EIA	Will be studied during EIA	Will be studied during EIA			
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 plot is accessible through 12 M wide right of way off 27.45 mt. wide Saki Vihar Road at east side and 36.60 mt wide DP road at north side of plot.		


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 (Secretary SEAC-II)

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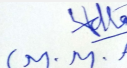

 (M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

Parking details:	Number and area of basement:	2 nos
	Number and area of podia:	Hotel Building No.:03 =9 Podium , Hotel Building No.:04 =5 Podium
	Total Parking area:	Will be studied during EIA
	Area per car:	Will be studied during EIA
	Area per car:	Will be studied during EIA
	Number of 2-Wheelers as approved by competent authority:	.
	Number of 4-Wheelers as approved by competent authority:	2938 nos
	Public Transport:	9 nos
	Width of all Internal roads (m):	6.00 m wide
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park (0.70 km aerial distance). It doesn't fall under eco sensitive zone as per ESZ Notification dtd 5th December 2016
	Category as per schedule of EIA Notification sheet	8(b) B1
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-08-2017
TOR Suggested Changes		
Consolidated Statement Point Number	Original Remarks	Submitted Changes
2	TOR	Private
3	M/s Chalet Hotel Pvt. Ltd. Raheja Tower ,Plot No C-30, G Block , Opp SIDBI, near Bank of Baroda, BKC, 400051	M/s Chalet Hotel Ltd. Raheja Tower ,Plot No C-30, G Block , Opp SIDBI, near Bank of Baroda, BKC, 400051
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	


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Shri Narendra Toke
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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

Environment Clearance for application for ToR for Expansion of star category Hotel at CST no. 71/A, village Paspoli, Saki Vihar Road, Powai, Mumbai by M/s Chalet Hotel Pvt. Ltd.

PP had submitted withdrawal request by letter dated 11/12/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 11/12/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

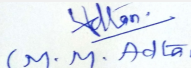
FINAL RECOMMENDATION

Kindly find SEAC decision above.


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

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

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

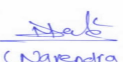
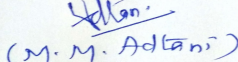
SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Amendment in the existing Environment clearance for development of port based Multi product SEZ at JNPT area Phase I Uran Raigad by M/s. Jawaharlal Nehru Port Trust

Is a Violation Case: No

1.Name of Project	Amendment in the existing Environment clearance for development of port based Multi product SEZ at JNPT area Phase I Uran Raigad by M/s. Jawaharlal Nehru Port Trust
2.Type of institution	Government
3.Name of Project Proponent	M/s. Jawaharlal Nehru Port Trust
4.Name of Consultant	M/s. Fine Envirotech Engineers
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Modernisation
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, vide Environment Clearance no. SEAC-2014/CR-302/TC2 dated 05.12.2014
8.Location of the project	Sawarkhar, Karal, Sonari and Jaskhar
9.Taluka	Uran
10.Village	Sawarkhar, Karal, Sonari and Jaskhar
Correspondence Name:	Mr. S. V. Madabhavi
Room Number:	Office of the CMPPD
Floor:	2nd Floor
Building Name:	Administration building
Road/Street Name:	Jawaharlal Nehru Port Trust
Locality:	Sheva
City:	Uran, Navi Mumbai
11.Whether in Corporation / Municipal / other area	Jawaharlal Nehru Port Area
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 2000000
13.Note on the initiated work (If applicable)	Short Note attached
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	277.38 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 2000000
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: 16-07-2014
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	4760000000

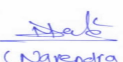
22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
23.Number of tenants and shops	Not applicable		
24.Number of expected residents / users	Not applicable		
25.Tenant density per hectare	Not applicable		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	60 m , 45 m, 30 m		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable		
29.Existing structure (s) if any	Not applicable		
30.Details of the demolition with disposal (If applicable)	Not applicable		

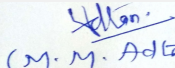
31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Food processing: Sugar refining, Sugar, Flour mills (excluding Domestic Aatta Chakki), Malted food, Food including fruits and vegetable processing.	0	0	0
2	Engineering, Auto & Electrical: Electroplating, Galvanizing, Industry or process involving metal treatment or process such as pickling, surface coating, paint baking, paint stripping, heat treatment, phosphating or finishing, Iron and steel (involving processing from ore/scrap/integrated steel plants)	0	0	0
3	Pharmaceutical: Pharmaceuticals formulation	0	0	0
4	Paints: Synthetic resins, Paints & varnishes, Dye & Dye-intermediates, Pigments and intermediates	0	0	0
5	Lube: Lubricating oils, greases or petroleum - based products	0	0	0


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 (Secretary SEAC-II)

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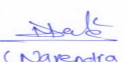
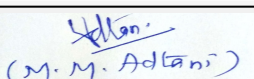

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6	Textiles: Synthetic fiber including rayon, tyre cord, polyester filament yarn, Surgical and medical products involving prophylactics and latex, Yarn and textile processing involving scouring, bleaching, dyeing, printing or any effluent/emission generating process, Industry or process involving foundry operations, Cotton spinning and weaving,	0	0	0
7	Tyres: Tyres and tubes Vulcanization/retreading/mounding	0	0	0

32.Total Water Requirement

Dry season:	Source of water	MJP, CIDCO & Recycled
	Fresh water (CMD):	6996.5
	Recycled water - Flushing (CMD):	2557.5
	Recycled water - Gardening (CMD):	2030
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	13984
	Fire fighting - Underground water tank(CMD):	As per NBC Norms
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	2822.97
Wet season:	Source of water	MJP, CIDCO & Recycled
	Fresh water (CMD):	6996.5
	Recycled water - Flushing (CMD):	2557.5
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	11954
	Fire fighting - Underground water tank(CMD):	As per NBC Norms
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	4852.97
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

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Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	2557.50	0	2557.50	225.06	0	225.06	2332	0	2332
Industrial Process	5900.00	0	5900.00	531.00	0	531.00	5369	0	5369
Gardening	3699.83	0	3699.83	2214.89	0	2214.89	0	0	0
Fresh water requirement	6557.59	0	6557.59	625.08	0	625.08	3199.30	0	3199.30

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	1 to 2 meters
	Size and no of RWH tank(s) and Quantity:	8000 m3
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	3.16 cr
	Budgetary allocation (O & M cost) :	25 lakhs
	Details of UGT tanks if any :	NA

35.Storm water drainage	Natural water drainage pattern:	West and South West side
	Quantity of storm water:	205368 m3/hr
	Size of SWD:	0.2x0.45x0.40x0.60, 0.50x0.7,0.60x0.9, 0.8x1.0, 0.9x1.2, 1.2x1.5 m

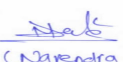
Sewage and Waste water	Sewage generation in KLD:	2638.55
	STP technology:	Sequencing Batch Reactor
	Capacity of STP (CMD):	6.5 MLD (2 MLD + 2 MLD + 2.5 MLD)
	Location & area of the STP:	Processing Zone
	Budgetary allocation (Capital cost):	135872000
	Budgetary allocation (O & M cost):	25 Lakhs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Total Solid Waste generated will be 25.54 TPD
	Disposal of the construction waste debris:	The solid waste would be disposed off following Solid Waste (Management & Handling) (SWM) Rules 2000.
Waste generation in the operation Phase:	Dry waste:	9.816 TPD
	Wet waste:	14.724 TDP
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	The sludges from planned STP's will be used as manure in gardening
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	The solid waste would be disposed off following Solid Waste (Management & Handling) (SWM) Rules 2016.
	Wet waste:	he solid waste would be disposed off following Solid Waste (Management & Handling) (SWM) Rules 2016.
	Hazardous waste:	Hazardous waste will be disposed off as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	The sludges from planned STP's will be used as manure in gardening
	Others if any:	Not Applicable
Area requirement:	Location(s):	Not Applicable
	Area for the storage of waste & other material:	Not Applicable
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	50
	O & M cost:	10

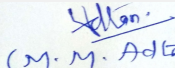
37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	pH	7-8	7-8	6.5-8.5
2	Suspended Standards	SS	250-300	upto 10	100
3	BOD3 dats 27 degree C	BOD	350-400	Less than10	100
4	COD	COD	450-600	upto 40	250
5	Oil & Grease	Oil & Grease	10-20	Nil	10
6	Total Nitrogen	mg/l	40-70	Less than 10	100
7	Ammonical Nitrogen	mg/l	-	Less than1	50
8	Phosphates	mg/l	5-7	Less than2	5
9	Residential Chlorine	mg/l	-	Less than1	1
Amount of effluent generation (CMD):		Not Applicable			
Capacity of the ETP:		Not Applicable			
Amount of treated effluent recycled :		Not Applicable			


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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	0	0	0	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 15 x 100 kVA	Diesel	1 to10	3.5	0.1	150	
2	DG Set 15 x 250 kVA	Diesel	11 to 20	4.9	0.20	150	
3	DG set 16 x 500 kVA	Diesel	21 to 30	6.5	0.35	150	
4	DG set 5 x 750 kVA	Diesel	31 to 32	7.5	0.45	150	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Diesel	1409	0	1409			
41.Source of Fuel		Through Authorised Tankers					
42.Mode of Transportation of fuel to site		By Road					
43.Green Belt Development							
Total RG area :		29.52 Ha					
No of trees to be cut :		0					
Number of trees to be planted :		1 tree per 100 sq.m. plot area additiona to green belt					
List of proposed native trees :		Native Species					
Timeline for completion of plantation :		1					
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	Not Applicable	Not Applicable	Not Applicable	Not Applicable			
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 :	MSDCL	
	During Construction Phase: (Demand Load)	4 MW	
	DG set as Power back-up during construction phase	1	
	During Operation phase (Connected load):	55 MVA	
	During Operation phase (Demand load):	55 MVA	
	Transformer:	NA	
	DG set as Power back-up during operation phase:	32	
	Fuel used:	Diesel	
	Details of high tension line passing through the plot if any:	NA	
48. Energy saving by non-conventional method:			
Not Applicable			
49. Detail calculations & % of saving:			
Serial Number	Energy Conservation Measures		Saving %
1	Not Applicable		Not Applicable
50. Details of pollution control Systems			
Source	Existing pollution control system		Proposed to be installed
Air	Stacks for DG sets		Not Applicable
Water	Sewage Treatment Plant		Not Applicable
Noise	Green Belt & acoustic enclosures to DG set		Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	0	
	O & M cost:	0	
51. Environmental Management plan Budgetary Allocation			
a) Construction phase (with Break-up):			
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental Monitoring	Air, Noise, water, Biological	150
2	Site safety	Barricading, safety equipments, dust suppression etc.	50
3	Sanitary Facility and waste water management	Sanitary Facility and waste water management	30

4	Occupational Health & Safety Training	Occupational Health & Safety Training	50
5	Rain water harvesting	Rain water harvesting	30
6	Greenbelt	green belt	60
7	Solid waste management	Solid waste management	50

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 Pollution Control	Dust Suppression Measure, Stack etc.	0.75	0.15
2	Water Pollution Control	STP, SWD, RWH	68.05	3.0
3	Noise Pollution Control	Barricading	0.40	0.10
4	Environmental Monitoring & Management	Regular Monitoring	0	0.20
5	Occupational Health	PPE's & Training	0	0.35
6	Green belt Development	Tree Plantation	6.50	0.60
7	Solid Waste Management	Disposal of solid waste as per MSW 2016	1.0	0.50
8	Safety measures, staff training & awareness	Provision of PPE/training etc	0	0.50
9	Rain Water Harvesting	Provision of rain water harvesting pits	3.16	0.25
10	Total	Not Applicable	79.86	5.75

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

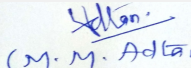
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The NH4 B & SH 54 are the main access roads to the JNPT area. The majority of the Container Traffic is on NH 4 B, The container/cargo movement of SH 54 is minimal and is originated from the nearby areas. The situation of traffic will greatly improve after the commissioning of the Delhi Mumbai Industrial Corridor, a dedicated freight corridor which is directly connecting to JNPT. The traffic load on the roads will be decreased due to the development of rail network from JNPT area to Delhi under
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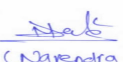
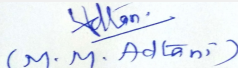
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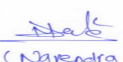
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	121362.5
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	1000
	Number of 4-Wheelers as approved by competent authority:	9469
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Yes
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8 (b), B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

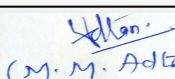
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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
Environment Clearance for Amendment in the existing Environment clearance for development of port based Multi product SEZ at JNPT area Phase I Uran Raigad by M/s. Jawaharlal Nehru Port Trust. PP had submitted withdrawal request by letter dated dated 26.06.2020. Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
DECISION OF SEAC	
PP had submitted withdrawal request by letter dated dated 26.06.2020. Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEAC decision above.	


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 (Secretary SEAC-II)

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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

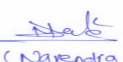
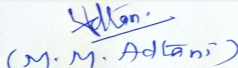
SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for proposed construction of NMMT Bus Station with Commercial Complex, Swimming Pool and Indoor Sports Facilities on plot -196 & 196 A, Sector - 12, Vashi by Navi Mumbai Municipal Corporation

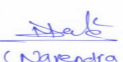
Is a Violation Case: No

1.Name of Project	Navi Mumbai Municipal Corporation
2.Type of institution	Government
3.Name of Project Proponent	Navi Mumbai Municipal Corporation
4.Name of Consultant	Mahabal Enviro Engg. Pvt. Ltd.; Dr. D. A. Patil
5.Type of project	Construction of Bus station and Commercial complex.
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 -196 & 196 A, Sector - 12, Vashi, Navi Mumbai.
9.Taluka	Navi Mumbai
10.Village	Vashi
Correspondence Name:	Shri. Arvind B. Shinde (Executive Engineer, NMMC)
Room Number:	-
Floor:	Ground Floor
Building Name:	Sec 15-A, Plot No-1
Road/Street Name:	Palm beach road
Locality:	CBD, Belapur
City:	Navi Mumbai-400614
11.Whether in Corporation / Municipal / other area	Navi Mumbai Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	LOI received with no. NMMC/ TPO/ ADTP/ 399/ 2019 dated: 04/02/2019
	IOD/IOA/Concession/Plan Approval Number: LOI received with no. NMMC/ TPO/ ADTP/ 399/ 2019 dated: 04/02/2019
	Approved Built-up Area: 43964.04
13.Note on the initiated work (If applicable)	No work started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI received with no. NMMC/ TPO/ ADTP/ 399/ 2019 dated: 04/02/2019
15.Total Plot Area (sq. m.)	9,246.13 m ²
16.Deductions	-
17.Net Plot area	9,246.13 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 11,444.93 m ²
	b) Non FSI area (sq. m.): 32,519.11 m ²
	c) Total BUA area (sq. m.): 43964.04
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 11,444.93 m ²
	Approved Non FSI area (sq. m.): 32,519.11 m ²
	Date of Approval: 04-02-2019
19.Total ground coverage (m ²)	7,702.60 m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	83.31 %
21.Estimated cost of the project	1247300000

22.Number of buildings & its configuration

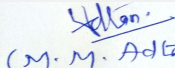
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building No 1	G+ 1st to 3rd Podium + 4th to 8th Upper Floor	40.35	
23.Number of tenants and shops	Showroom Area: 3,621.25 m2 Banquet Hall: 2,901.80 m2 Offices: 2,697.71 m2 Stadia & club: 2135.77 m2			
24.Number of expected residents / users	5,121 Nos.			
25.Tenant density per hectare	-			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is accessed by 20.0 m & 32.0 m wide DP Road (Vashi Kopar-Khairane 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	Not applicable			
30.Details of the demolition with disposal (If applicable)	Not applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				


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Dry season:	Source of water	NMMC							
	Fresh water (CMD):	100							
	Recycled water - Flushing (CMD):	77							
	Recycled water - Gardening (CMD):	3							
	Swimming pool make up (Cum):	5							
	Total Water Requirement (CMD) :	193							
	Fire fighting - Underground water tank(CMD):	As per NBC							
	Fire fighting - Overhead water tank(CMD):	As per NBC							
	Excess treated water	To HVAC make-up: 95 KLD							
Wet season:	Source of water	NMMC+RWH							
	Fresh water (CMD):	58							
	Recycled water - Flushing (CMD):	77							
	Recycled water - Gardening (CMD):	-							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	193							
	Fire fighting - Underground water tank(CMD):	As per NBC							
	Fire fighting - Overhead water tank(CMD):	As per NBC							
	Excess treated water	To HVAC make-up: 98 KLD							
Details of Swimming pool (If any)		Swimming pool will be provided.							
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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3 to 4 m
	Size and no of RWH tank(s) and Quantity:	2 Nos. of RWH Tank having total 160 m ³ of capacity
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	Rs. 37 Lakh
	Budgetary allocation (O & M cost) :	Rs. 2 Lakh/year
	Details of UGT tanks if any :	Underground
35.Storm water drainage	Natural water drainage pattern:	Towards south side
	Quantity of storm water:	1,069.33 m ³ /hr
	Size of SWD:	400 x 600 mm wide internal SWD drain. Existing NMMC storm water drain of 1200 mm adjacent to 32 m wide D. P. Road.
Sewage and Waste water	Sewage generation in KLD:	178 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 STP of total capacity 200 KLD
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs. 50 Lakhs
	Budgetary allocation (O & M cost):	Rs. 11 Lakhs/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris: 1,300 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:	403 kg/d
	Wet waste:	605 kg/d
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	2 m ³ /day
	Others if any:	E-Waste Generation: 1 Ton Per year

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:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Sludge will be used as manure for gardening
	Others if any:	E-waste will be handed over to authorized recyclers.
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	Total area provided: 60 m2
	Area for machinery:	30 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	26 Lakhs
	O & M cost:	10 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 sent 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

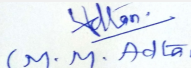
40. Details of Fuel to be used

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: 670.14 m2		
	No of trees to be cut :	Existing trees on site: Nil		
	Number of trees to be planted :	116 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	10	As medicinal value, Bird and insect attractive.
4	ANTHOCEPHALUS CADAMBA	Kadamba	10	Shady, large tree, ball shaped flowers.
5	BAUHINIA PURPUREA	Apta	15	Small tree with small white flowers, Butterfly host plant
6	MICHELIA CHAMPACA	Chafa	8	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
7	MILLINGTONIA HORTENSIS	Indian cork tree	15	Evergreen Tree
8	NYCTANTHES ARBOR TRISTIS	Parijat	18	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				

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):	13.7 MW
	During Operation phase (Demand load):	8.7 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	1 x 1000 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

Solar PV panel of 200 kW capacity

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saving	36.18 %

50. Details of pollution control Systems

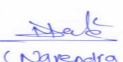
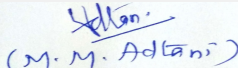
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 150 Lakhs
	O & M cost:	Rs. 1.5 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, Googles, 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	50	11
2	Solar System	Weekly	150	1.5
3	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	37	2
4	Solid Waste Composting plant	Continuous O & M	28	11
5	Landscape	Daily	5	1
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4

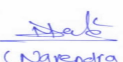
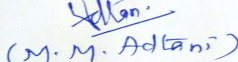
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

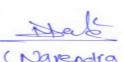
53.Traffic Management

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	Nos. of the junction to the main road & design of confluence:	The project site is accessed by 20.0 m and 32.0 m wide DP Road.
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	3 Podiums (per podium area 2,800.00 m ²)
	Total Parking area:	20,014.80 m ²
	Area per car:	30 m ²
	Area per car:	30 m ²
	Number of 2-Wheelers as approved by competent authority:	159 Nos.
	Number of 4-Wheelers as approved by competent authority:	482 Nos.
	Public Transport:	Bus parking: 3 Nos.
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Project site is at a distance of 350 m from the Eco sensitive area of flamingo wildlife sanctuary.
	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	-

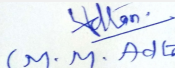
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

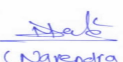

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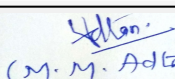

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Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
Environment Clearance for proposed construction of NMMT Bus Station with Commercial Complex, Swimming Pool and Indoor Sports Facilities on plot -196 & 196 A, Sector - 12, Vashi by Navi Mumbai Municipal Corporation.	
PP had submitted withdrawal request by letter dated 22/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
DECISION OF SEAC	
PP had submitted withdrawal request by letter dated 22/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEAC decision above.	


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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Environmental Clearance for Pradhan Mantri Awas Yojana PMAY Housing Scheme at Plot no. 1, Sector 1A, Taluja, Taluka: Panvel, District: Raigad, Sate: Maharashtra

Is a Violation Case: No

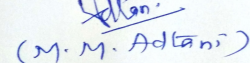
1.Name of Project	PMAY Housing Scheme at Plot no. 1, Sector 1A, Taluja, Taluka: Panvel, District: Raigad, Sate: Maharashtra
2.Type of institution	Government
3.Name of Project Proponent	City and Industrial Development Corporation of Maharashtra Limited (CIDCO), Mr. Mallesha P. Pujari (Superintending Engineer)
4.Name of Consultant	M/s. ULTRA TECH
5.Type of project	Housing project (PMAY)
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	--
8.Location of the project	Plot no. 1, Sector 1A
9.Taluka	Panvel
10.Village	--
Correspondence Name:	City and Industrial Development Corporation of Maharashtra Limited (CIDCO)
Room Number:	--
Floor:	--
Building Name:	CIDCO Bhavan
Road/Street Name:	--
Locality:	CBD-Belapur
City:	Navi Mumbai
11.Whether in Corporation / Municipal / other area	Panvel Municipal Corporation (PMC)
12.IOD/IOA/Concession/Plan Approval Number	-- IOD/IOA/Concession/Plan Approval Number: -- Approved Built-up Area:
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.)	39610.00 Sq. mt.
16.Deductions	--
17.Net Plot area	--
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 83,190.86 Sq.mt. b) Non FSI area (sq. m.): 77,729.89 Sq.mt. c) Total BUA area (sq. m.): 160920.75
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 0 Sq. mt. Approved Non FSI area (sq. m.): 0 Sq. mt. Date of Approval: 09-08-2019
19.Total ground coverage (m2)	8,536.34 Sq. mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22 %
21.Estimated cost of the project	3704588316.38


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22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	18 no. of Buildings	Ground +19 Floors	58.40 mt.
2	Society Office & Community Center	--	--

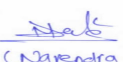
23.Number of tenants and shops	Flats: 2648 nos. Shops: 27 nos.
24.Number of expected residents / users	10673 nos.
25.Tenant density per hectare	668 / hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	46.00 mt. wide National Highway No.4
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Shall be submitted
29.Existing structure (s) if any	There are existing structures at site which shall be demolished
30.Details of the demolition with disposal (If applicable)	Demolition debris shall be disposed to the authorized land fill site with permission of local authority

31.Production Details

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

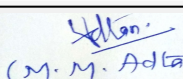
32.Total Water Requirement

Dry season:	Source of water	CIDCO								
	Fresh water (CMD):	1477 KLD (Domestic, Flushing & Gardening)								
	Recycled water - Flushing (CMD):	--								
	Recycled water - Gardening (CMD):	--								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	1477 KLD								
	Fire fighting - Underground water tank(CMD):	Shall be submitted								
	Fire fighting - Overhead water tank(CMD):	Shall be submitted								
	Excess treated water	--								
Wet season:	Source of water	CIDCO/Partly by RWH								
	Fresh water (CMD):	1434 KLD (Domestic & Flushing)								
	Recycled water - Flushing (CMD):	--								
	Recycled water - Gardening (CMD):	--								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	1434 KLD								
	Fire fighting - Underground water tank(CMD):	Shall be submitted								
	Fire fighting - Overhead water tank(CMD):	Shall be submitted								
	Excess treated water	--								
Details of Swimming pool (If any)		--								
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5.50 mt. to 6.50 mt. below ground level
	Size and no of RWH tank(s) and Quantity:	Shall be submitted
	Location of the RWH tank(s):	Shall be submitted
	Quantity of recharge pits:	Shall be submitted
	Size of recharge pits :	Shall be submitted
	Budgetary allocation (Capital cost) :	Shall be submitted
	Budgetary allocation (O & M cost) :	Shall be submitted
	Details of UGT tanks if any :	Shall be submitted
35.Storm water drainage	Natural water drainage pattern:	Shall be submitted
	Quantity of storm water:	Shall be submitted
	Size of SWD:	Shall be submitted
Sewage and Waste water	Sewage generation in KLD:	1242 KLD: Sewage will be discharged into existing nodal STP at Taloja phase I, Sector 12 for treatment
	STP technology:	--
	Capacity of STP (CMD):	--
	Location & area of the STP:	--
	Budgetary allocation (Capital cost):	--
	Budgetary allocation (O & M cost):	--
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Demolition debris shall be disposed to the authorized land fill site with permission of local authority
	Disposal of the construction waste debris:	Construction waste material shall be partly recycled and remaining shall be disposed to the authorized land fill site with permission of local authority
Waste generation in the operation Phase:	Dry waste:	2865 kg/day
	Wet waste:	1910 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	--
	Others if any:	--

Mode of Disposal of waste:	Dry waste:	To PMC.
	Wet waste:	Treatment in OWC
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	--
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	Shall be submitted
	Area for machinery:	Shall be submitted
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Shall be submitted
	O & M cost:	Shall be submitted

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 sent 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

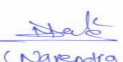
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	--	--	--	--	--

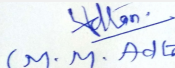
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	--	--	--
41. Source of Fuel		--		
42. Mode of Transportation of fuel to site		--		

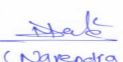

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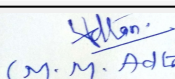

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Shri M.M. Adtani (Chairman
SEAC-II)

43.Green Belt Development	Total RG area :	Shall be submitted		
	No of trees to be cut :	Shall be submitted		
	Number of trees to be planted :	Shall be submitted		
	List of proposed native trees :	Shall be submitted		
	Timeline for completion of plantation :	Shall be submitted		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	--	--	--	--
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	--	--	--	
47.Energy				
Power requirement:	Source of power supply :	Shall be submitted		
	During Construction Phase: (Demand Load)	Shall be submitted		
	DG set as Power back-up during construction phase	As per requirement		
	During Operation phase (Connected load):	Shall be submitted		
	During Operation phase (Demand load):	Shall be submitted		
	Transformer:	--		
	DG set as Power back-up during operation phase:	Shall be submitted		
	Fuel used:	Diesel		
	Details of high tension line passing through the plot if any:	100 mt. wide power corridor passing through the plot		
48.Energy saving by non-conventional method:				
Shall be submitted				
49.Detail calculations & % of saving:				
Serial Number	Energy Conservation Measures	Saving %		
1	Shall be submitted	Shall be submitted		


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

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SEAC-II)

50.Details of pollution control Systems							
Source	Existing pollution control system				Proposed to be installed		
Solid waste	--				Organic Waste Convertor		
Budgetary allocation (Capital cost and O&M cost):		Capital cost:		Shall be submitted			
		O & M cost:		Shall be submitted			
51.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	--	--	--				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	--	--	--	--			
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:		Shall be submitted			

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	Shall be submitted
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	185 Nos.
	Number of 4-Wheelers as approved by competent authority:	754 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Shall be submitted
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	--
	Category as per schedule of EIA Notification sheet	8b (B1)
	Court cases pending if any	--
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Pradhan Mantri Awas Yojana PMAY Housing Scheme at Plot no. 1, Sector 1A, Taloja, Taluka: Panvel, District: Raigad, by City and Industrial Development Corporation of Maharashtra Limited (CIDCO).

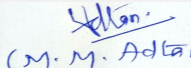
PP had submitted withdrawal request by letter dated 17/01/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC


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

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PP had submitted withdrawal request by letter dated 17/01/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

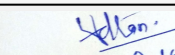
SEAC-AGENDA-00000000438


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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(M. M. Adtani)

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

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

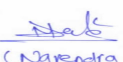
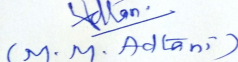
SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Proposed Expansion by Amalgamation of Slum Rehabilitation Schemes" on plot bearing C.S. No. 426,427 (pt), 431 1/431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645 to 650, 651(pt), 653(pt.), 654, 655(pt.), 658 (pt.), 659(pt.), 854, 869, 870, 871 of Parel-Sewri Division & C.S. No. 155 (pt.), 174 (pt.), 176 (pt.), 1/177 (pt.), 185 (pt.), 1038, 1039 of Dadar-Naigoan Division, F/South Ward of M.C.G.M.

Is a Violation Case: No

1.Name of Project	Proposed Expansion by amalgamation of Slum Rehabilitation Scheme" on plot bearing C.S. No. 426,427 (pt), 431 1/431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645 to 650, 651(pt), 653(pt.), 654, 655(pt.), 658 (pt.), 659(pt.), 854, 869, 870, 871 of Parel-Sewri Division & C.S. No. 155 (pt.), 174 (pt.), 176 (pt.), 1/177 (pt.), 185 (pt.), 1038, 1039 of Dadar-Naigoan Division, F/South Ward of M.C.G.M.
2.Type of institution	Private
3.Name of Project Proponent	M/s. Omkar Realtors and Developers Pvt. Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Slum Rehabilitation Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance received vide no. SEAC-2016/CR.506/TC-1 dated 3rd December 2016
8.Location of the project	C.S. No. 426,427 (pt), 431 1/431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645 to 650, 651(pt), 653(pt.), 654, 655(pt.), 658 (pt.), 659(pt.), 854, 869, 870, 871 of Parel-Sewri Division & C.S. No. 155 (pt.), 174 (pt.), 176 (pt.), 1/177 (pt.), 185 (pt.), 1038, 1039 of Dadar-Naigoan Division, F/South Ward of M.C.G.M.
9.Taluka	Mumbai
10.Village	Parel- Sewri Division & Dadar- Naigoan Division
11.Whether in Corporation / Municipal / other area	Municipal Corporation of greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	Yes
	IOD/IOA/Concession/Plan Approval Number: SRA/ENG/1678/FS/ML&PL/LOI
	Approved Built-up Area: 840528
13.Note on the initiated work (If applicable)	Work has been initiated as per the Environmental Clearances obtained vide letter no. SEAC 3512/CR214/TC2 dtd. 16th July 2015 , SEIAA-2015/CR-70/TC3 dated 13th Oct 2015 & SEAC-2016/CR.506/TC-1 dated 3rd December 2016
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	SRA/ENG/1678/FS/ML&PL/LOI dated 30TH JULY 2016
15.Total Plot Area (sq. m.)	1,06,891.55 sq.m
16.Deductions	41,564.4 sq.m
17.Net Plot area	63,071.14 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 3,05,027.24 sq.m
	b) Non FSI area (sq. m.): 5,35,500.92 sq.m
	c) Total BUA area (sq. m.): 840528.16
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	37587.73 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	59.59 %
21.Estimated cost of the project	17820000000.00

22.Number of buildings & its configuration

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 100 of 286	 Shri M.M.Adtani (Chairman SEAC-II)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Bldg No. 1 : Wing A	Gr + 23 Floors	69.95
2	Rehab Bldg No. 1 : Wing B	Gr + 23 Floors	69.95
3	Rehab Bldg No. 1 : Wing C	Gr + 23 Floors	69.95
4	Rehab Bldg No. 1 : Wing D	Gr + 22 Floors	68.45
5	Rehab Bldg No. 1 : Wing E	Gr + 22 Floors	68.45
6	Rehab Bldg No. 1 : Wing F	Gr + 22 Floors	69.60
7	Rehab Bldg No. 2	Gr + 23 Floors	69.6
8	Rehab Bldg. No. 3	Gr + 33(pt) Floors	97.2
9	School	Gr + 4 Floors	-
10	Composite Bldg No. 1: Rehab Wings A,B,C	Gr + 23 Floors	69.85
11	Composite Bldg No. 1: Sale Wing A & B	LG + Gr + 4 Podiums + 5th Amenity floors + 27 upper flrs	111
12	Composite Bldg No. 2	B+ Gr + 2 Flrs	15
13	School	G + 3 Flrs	-
14	Sale Bldg No. 1 :Wing I	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 54 Flrs	223.86
15	Sale Bldg No. 1 :Wing J	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 54 Flrs	206.65
16	Sale Bldg No. 1 :Wing K	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 49 Flrs	190.65
17	Sale Bldg No. 1 :Wing L	4 Lower Grd Floor + Gr. Flr + 1st to 5th Podium+ Amenity Flr + 43 Flrs	171.45
18	Sale Bldg No. 1 :Wing M	4 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 41 Flrs	165.05
19	Sale Bldg No. 1 :Wing N	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 45 Flrs	177.85
20	Sale Bldg. No. 2	Ground + 20th (PT) floor	62.2
23.Number of tenants and shops		Rehab: 4365 nos. Sale: 1768 nos.	
24.Number of expected residents / users		Total: 30255 Nos. Rehab: - 20615 Nos Sale: - 8840 Nos Municipal School: - 800 Nos	
25.Tenant density per hectare		974 tenant/hector	
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		27.4 mt wide GD Ambedkar Marg & 24.8 mt wide Jerbai Wadia Road	

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	Rehab & Sale Buildings as per earlier EC are under construction.
30.Details of the demolition with disposal (If applicable)	Demolished debris will be disposed off as per proper debris management plan.

31.Production Details

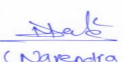
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	MCGM
	Fresh water (CMD):	2617
	Recycled water - Flushing (CMD):	1341
	Recycled water - Gardening (CMD):	107.92
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	4065.92
	Fire fighting - Underground water tank(CMD):	3 tanks of capacity 750 , 5 tanks of capacity 1070
	Fire fighting - Overhead water tank(CMD):	3 tanks of capacity 75 , 5 tanks of capacity 107
	Excess treated water	1814

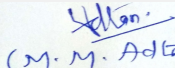
Wet season:	Source of water	MCGM								
	Fresh water (CMD):	2617								
	Recycled water - Flushing (CMD):	1341								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	3958								
	Fire fighting - Underground water tank(CMD):	3 tanks of capacity 750 , 5 tanks of capacity 1070								
	Fire fighting - Overhead water tank(CMD):	3 tanks of capacity 75 , 5 tanks of capacity 107								
	Excess treated water	1922								
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	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	8.7 m to 9.5 m								
	Size and no of RWH tank(s) and Quantity:	Total 16 nos. of RWH tank of capacity 1130 cum/day.								
	Location of the RWH tank(s):	Ground level, Below ground level, lower ground - 4								
	Quantity of recharge pits:	NA								
	Size of recharge pits :	NA								
	Budgetary allocation (Capital cost) :	Rs. 350 Lakhs								
	Budgetary allocation (O & M cost) :	Rs. 35 Lakhs								
	Details of UGT tanks if any :	Domestic: 2617 cum/day Flushing tank: 1341 cum/day Fire fighting tank: 1820cum/day (UG+OH)								

35.Storm water drainage	Natural water drainage pattern:	Natural drainage pattern will be maintained
	Quantity of storm water:	1.99 cum/sec
	Size of SWD:	300 mm dia to 600 mm.
Sewage and Waste water	Sewage generation in KLD:	3435
	STP technology:	MBBR
	Capacity of STP (CMD):	6 nos. 3690 KLD (1200 KLD, 900 KLD, 50 KLD, 1000KLD, 350 KLD, 190 KLD)
	Location & area of the STP:	Below ground, Lower Ground 1, Ground level
	Budgetary allocation (Capital cost):	Rs. 922 Lakh
	Budgetary allocation (O & M cost):	Rs. 77 Lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	- Quantity of top soil to be preserved: Since this is an SRA project, there will be no top soil. - Disposal of construction way debris: used for filling the plot and maintaining natural slopes. Construction debris shall be used for temporary leveling of site and internal roads. Remaining debris will be disposed off as per debris management plan.
	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:	6016.5 kg/day
	Wet waste:	8766 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	3 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Segregation and sale of recyclables, inerts to approved landfill site.
	Wet waste:	Biodegradable waste will be composted in OWC.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Mix with wet waste and convert that into compost.
	Others if any:	NA
Area requirement:	Location(s):	Ground level & Lower ground level
	Area for the storage of waste & other material:	639 sq.m
	Area for machinery:	80 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 243.7 Lakh
	O & M cost:	Rs. 13 Lakh

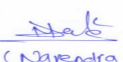

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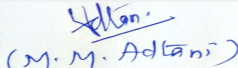

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Shri M.M.Adtani (Chairman
SEAC-II)

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					
43.Green Belt Development		Total RG area :		33272.68 sq.m			
		No of trees to be cut :		7 nos.			
		Number of trees to be planted :		334 nos.			
		List of proposed native trees :		As listed 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	Saraca asoca		Sita Ashok/ true Ashik		30		Evergreen tree
2	Azadirachta indica		Kadunimb		31		Medicinal Tree


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3	Michelia champaca	Son-chafa	27	Flowering Plant
4	Gardenia jasminoides	Anant	27	Flowering plant
5	Mangifera indica	Mango	28	Fruit Tree
6	Ficus glomerata	Umber	30	Fruit Tree
7	Mimusops elengi	Bakul	30	Evergreen tree
8	Polyalthia longifolia	Ashok	25	Evergreen tree
9	Couroupita guianensis	Kailas-chafa	23	Flowering plant
10	Cocos nucifera	Coconut	35	Fruit Tree
11	Cynodon dactylon	Durva	40	grass
12	Wedelia sp.	Wedelia	23	Wedelia
13	Bauhinia purpurea	Bauhonia	29	Flowering plant
14	Plumeria alba	Chafa	35	Flowering plant
15	Psidium guajava	Guava/ Peru	37	Fruit Tree
45.Total quantity of plants on ground				

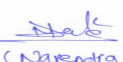
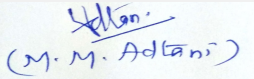
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

47.Energy

Power requirement:	Source of power supply :	Brihanmumbai Electric Supply and Transport
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	150 KVA
	During Operation phase (Connected load):	66647.84 KW
	During Operation phase (Demand load):	29198.9 KW
	Transformer:	NA
	DG set as Power back-up during operation phase:	2 X 500 KVA, 1 X 250 kVA, 2 X 1010 kVA, 2 X 750 kVA, 1 X 425 kVA
	Fuel used:	LSD
	Details of high tension line passing through the plot if any:	Yes

48.Energy saving by non-conventional method:

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- Energy efficient fluorescent tube lights & CFL lamps
- All fluorescent light fixtures will be specified to incorporate electronic ballast with THD less than 10% which have less watt-loss compared to electromagnetic ballast
- Copper conductor cables
- Variable frequency drives will be incorporated wherever applicable on motor feeders
- Lower ground floor ventilation and exhaust system shall be on VFD and integrated with CO sensors for effective control of the fan speed to conserve the energy.
- An APFC relay will be proposed to effect the power factor correction / improvement within a few cycles of deviation from the setting & also to reduce inrush currents.
- Solar operated pole lights will be proposed to power pathway lights at some strategic locations.
- Occupancy Presence sensors & day-light sensors will be provided where ever feasible.
- General lighting shall be through energy efficient fluorescent lamps and illumination levels shall be generally in line with National Building Code.
- 10% of common area / staircases / basement parking corridor lights shall be designated as emergency lights and shall be connected to individual inverters for uninterrupted illumination.
- Residential flats are proposed to be installed with efficient split units to reduce the saving in power significantly. The necessary guidelines shall be issued to the tenants as applicable. The common area such as main entrance lobby, club house shall be provided with VRV units.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving for rehab building	17.01 %
2	Overall energy saving for Sale building	6.29 %

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. 40 Lakhs
	O & M cost:	Rs.2.00 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	Air	Water for Dust Suppression	2.00
2	EHS	Site Sanitation	2.00
3	Environmental Monitoring	Environmental Monitoring	2.00
4	EHS	Disinfection	1.5
5	EHS	Health Check Up	1.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	Rain Water Harvesting	350.00	35.00
2	Water Environment	STP	922.00	77.00
3	Energy	Solar System	40.00	2.00
4	Solid Waste Management	OWC	243.7	13.00
5	Land Environment	Landscaping	35.00	15.00

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

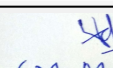
	Nos. of the junction to the main road & design of confluence:	Separate Entry & Exit Points
Parking details:	Number and area of basement:	Part basement in Composite bldg. no.1 sale & one basement in composite bldg. no. 2: 2604.77 sq.mt
	Number and area of podia:	Total - 9 Nos (Sale Building No 1 - 5 Nos & Composite Bldg No. 1 sale wing A & B - 4 Nos); Total Podium Parking Area:- 58165.85 sq.mt
	Total Parking area:	93911.07 sq. m.
	Area per car:	As per NBC norms it will be provided
	Area per car:	As per NBC norms it will be provided
	Number of 2-Wheelers as approved by competent authority:	Same car park area and open space around building can be utilized for 2 wheeler parking.
	Number of 4-Wheelers as approved by competent authority:	2995 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.0 mt to 9.0 mt
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	category B Schedule 8(a)
	Court cases pending if any	NA


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Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 135th -Day-2 -Part-2
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	Other Relevant Informations	The proposed project is expansion project. The project was presented in 50th part b meeting and is recommended to SEIAA. The proposed additional construction area for expansion is 24,507.87 sqm.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	09-09-2016

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

Environment Clearance for Proposed Expansion by Amalgamation of Slum Rehabilitation Schemes” on plot bearing C.S. No. 426,427 (pt), 431 1/431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645 to 650, 651(pt), 653(pt.), 654, 655(pt.), 658 (pt.), 659(pt.), 854, 869, 870, 871 of Parel-Sewri Division & C.S. No. 155 (pt.), 174 (pt.), 176 (pt.), 1/177 (pt.), 185 (pt.), 1038, 1039 of Dadar-Naigoan Division, F/South Ward of M.C.G.M. by M/s. Omkar Realtors and Developers Pvt. Ltd.

PP had submitted withdrawal request by letter dated 24/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 24/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

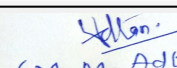
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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

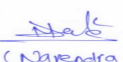
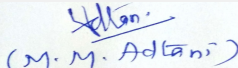
SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Proposed Residential Building

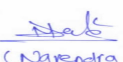
Is a Violation Case: No

1.Name of Project	Proposed Residential high-rise building on plot bearing CTS. No. 837 to 840 of Village Poisar, Samta Nagar, Kandivali (East), Mumbai.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Amit Thakkar
4.Name of Consultant	M/s Aquara Enviro Projects Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	-
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	-
8.Location of the project	plot bearing CTS. No. 837 to 840 of Village Poisar, Samta Nagar, Kandivali (East), Mumbai.
9.Taluka	Kandivali
10.Village	Poisar
Correspondence Name:	Dinesh Dubey
Room Number:	41/44
Floor:	Ground Floor
Building Name:	SP Centre
Road/Street Name:	Minoo Desai Road
Locality:	Colaba
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	SN. Bldg. No.3_IOD No. CHE / WS-II/0757/R/S/337(NEW)
	IOD/IOA/Concession/Plan Approval Number: SN. Bldg. No.3_IOD No. CHE / WS-II/0757/R/S/337(NEW)
	Approved Built-up Area: 114749.33
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	SN. Bldg. No.3_IOD No. CHE / WS-II/0757/R/S/337(NEW)
15.Total Plot Area (sq. m.)	10449.00
16.Deductions	0
17.Net Plot area	10449.00
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 60393.33 Including Fungible area.
	b) Non FSI area (sq. m.): 54356.00
	c) Total BUA area (sq. m.): 114749.33
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	6150
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	58.87
21.Estimated cost of the project	3155606850

22.Number of buildings & its configuration

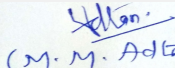
 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 111 of 286	 Shri M.M.Adtani (Chairman SEAC-II)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building No 3: Wing A	Part basement + Ground Floor + 1st to 6th Level Podium + 1 FCF + 1st to 37th Upper Floor.	143.50	
2	Building No 3: Wing B	Part basement + Ground Floor + 1st to 6th Level Podium + 1 FCF + 1st to 37th Upper Floor.	143.50	
3	Building No 3: Wing C	Part basement + Ground Floor + 1st to 6th Level Podium + 1 FCF + 1st to 37th Upper Floor.	143.50	
23.Number of tenants and shops		Sale Building:-690 Nos		
24.Number of expected residents / users		3450		
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))		9m & 12.20m		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		12m		
29.Existing structure (s) if any		Not Applicable		
30.Details of the demolition with disposal (If applicable)		Not Applicable		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

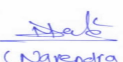

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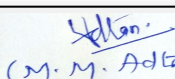

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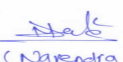
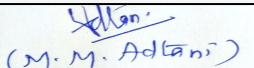
Dry season:	Source of water	MCGM							
	Fresh water (CMD):	320							
	Recycled water - Flushing (CMD):	172							
	Recycled water - Gardening (CMD):	0.6							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	492							
	Fire fighting - Underground water tank(CMD):	500							
	Fire fighting - Overhead water tank(CMD):	50							
	Excess treated water	381							
Wet season:	Source of water	MCGM							
	Fresh water (CMD):	320							
	Recycled water - Flushing (CMD):	172							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	492							
	Fire fighting - Underground water tank(CMD):	500							
	Fire fighting - Overhead water tank(CMD):	50							
	Excess treated water	382							
Details of Swimming pool (If any)		--							
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5 to 6m
	Size and no of RWH tank(s) and Quantity:	Building No 3: Size : 4.3 M X 2.8 M X 2.54 M, No Of RWH Tank: 3 Nos, Quantity 30 CMD Each Tank
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	20 Lakhs
	Budgetary allocation (O & M cost) :	4 lakhs/Annum
	Details of UGT tanks if any :	Location of UG Tanks: Basement For Building No 3: Domestic Water Tank:- 107 CMD for Each Wing (Wing A, B & C) Flushing Water Tank:- 57 CMD For Each Wing (Wing A, B & C) Fire Tank:- 500 CMD Rain Water Tank:- 3. CMD For Each Wing (Wing A,B & C)
35.Storm water drainage	Natural water drainage pattern:	SWD will be provided for drainage of storm water within plot.
	Quantity of storm water:	3.75 M3/Sec
	Size of SWD:	300mm Wide & 1:300 Slope.
Sewage and Waste water	Sewage generation in KLD:	453 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	453 KLD
	Location & area of the STP:	Basement & 1300 Sq.M.
	Budgetary allocation (Capital cost):	55.80 Lakhs
	Budgetary allocation (O & M cost):	5 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris
	Disposal of the construction waste debris:	Quantity of Top soil to be preserved, Disposal of Construction waste will be as per
Waste generation in the operation Phase:	Dry waste:	466 Kg/Day
	Wet waste:	1087 Kg/Day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	4-5 Kg/Day
	Others if any:	Not Applicable
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Mode of Disposal of waste:	Dry waste:	Dry waste would be Further segregated Recyclable & non non recyclable. Recyclable will handed over to vendors & Non recyclable will be disposed of MCGM Landfill site.
	Wet waste:	Treatment in Mechanical composting units provided at the ground level within the premises. The manure generated will be used for gardening.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	4-5 Kg/Day
	Others if any:	Not Applicable
Area requirement:	Location(s):	Ground Floor
	Area for the storage of waste & other material:	70.63 Sq.M.
	Area for machinery:	45 Sq.M. Each building
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	12.50 Lakhs
	O & M cost:	6 Lakhs

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

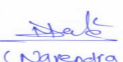
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

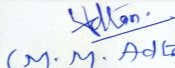
40.Details of Fuel to be used

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


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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	3408.83 Sq.m		
	No of trees to be cut :	59 Nos		
	Number of trees to be planted :	177		
	List of proposed native trees :	Neem, Sheesham,Devil Tree, Bel, Brown Salwood ,Tamhan & Queen Palms		
	Timeline for completion of plantation :	6 Months after Completion RCC & Finishing Work of The Building.		
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	20	Long in Height
2	Darbergia Sissoo	Sheesham	30	Long in Height
3	Alstonia Scholaris	Devil Tree	20	Long in Height
4	Angle Marmelos	Bel	20	----
5	Acasia Mangium	Brown Salwood	25	----
6	Lagersromia Thorelli	Tamhan	25	----
7	Syagrus Romanzoffiana	Queen Palms	30	---
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	Crossandra infundibuliformis (Aboli)	2m	30	
2	Hibiscus rosa-sinensis (Jaswand)	2m	30	
3	Nerium Indicum (Kanhher)	1.5	25	
47.Energy				

Power requirement:	Source of power supply :	Reliance Energy Ltd.
	During Construction Phase: (Demand Load)	200 KW
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	962.34 KW
	During Operation phase (Demand load):	578 KW
	Transformer:	Capacity -2 MVA X 3 Nos
	DG set as Power back-up during operation phase:	4 Nos of DG sets are provided:- 1) 3 nos of Capacity 275 KVA for Wing A,B & C 2) 1 Nos of Capacity 500 KVA for Common Area
	Fuel used:	LSD
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

Use of energy efficient lifts (VVVF Non gear lifts)
 Use of Energy efficient/load sharing DG sets
 Use energy efficient/low loss transformer
 Provision of solar water heaters for 10 %units
 Provision of solar power by PV panels
 Provision of LED lamps instead of fluorescent lamps
 Use of occupancy sensor for society office area lighting consumption and basement lighting
 Use of Lux sensor for society office area lighting consumption
 Use of TFT/LED monitors instead of CRT tube monitors for office area
 Use of sleep mode option with TFT/LED monitors for office area
 Use of energy efficient UPS
 Provision of LED lamps instead of HPSV Metal halide lamps and solar panels for street lighting
 Provision of T-5 lamps instead of T-8 lamps and electronic ballast instead of copper ballast for basement lighting

49. Detail calculations & % of saving:

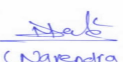
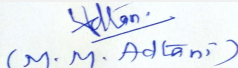
Serial Number	Energy Conservation Measures	Saving %
1	Using Solar Hot Water for 40 days considered	Total 10% saving on Solar & (On Total Building Load 4.20 % Saving)
2	Using VFD & APFC Pannel on Water Pumps	Total 40% saving on Pumps requirement
3	External Lighting By using Mh Lamps & LED lamps on Solar	Total 10% Saving on Light

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:	1400000
	O & M cost:	600000

51. Environmental Management plan Budgetary Allocation

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 117 of 286	 Shri M.M. Adtani (Chairman SEAC-II)
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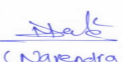
a) Construction phase (with Break-up):			
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water Environment	Drinking Water	1 Lakhs
2	Environment Health & Safety	Sanitation	2 Lakh
3	Environment Health & Safety	Health & Checkup	10 Lakh
4	Air Environment	Water For Dust Separation	3 Lakhs

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 & Network	3 STPs of 1160 CMD ,260 CMD & 453 CMD for Building No 1,2 & 3 respectively.	55.80	5
2	RWH System	3 Nos of Tanks having Capacity 30 CUM each	20.00	6
3	Solid Waste Management	Wet Waste - 1087 KG	12.50	6
4	Solar System (Solar Installation)	Solar PV Pannel for External Lighting & Hot Water	14.00	1
5	Environment Monitoring	6 Monthly Air, Water,Soil& Noise Analysis	0	5

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

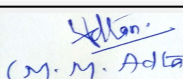
52.Any Other Information	
No Information Available	

53.Traffic Management	
Nos. of the junction to the main road & design of confluence:	2 Nos


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Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	6 Nos of Podium & Area of Each podium :
	Total Parking area:	21270.00 Sq.M.
	Area per car:	14 Sq. M.
	Area per car:	14 Sq. M.
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	973 Nos
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6m, 9m & 12.20m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	1) Sanjay Gandhi National Park:- 1.5Km, 2) Aarey Colony:- 4 Km, 3) Gorai Creek :- 5.85 Km & Malad Creek:- 6.5 Km.
	Category as per schedule of EIA Notification sheet	8 a
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-04-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed Residential Building on plot bearing CTS. No. 837 to 840 of Village Poisar, Samta Nagar, Kandivali (East), Mumbai by Mr. Amit Thakkar .

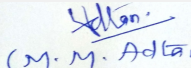
PP had submitted withdrawal request by letter dated 13/06/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC


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Shri Narendra Toke
(Secretary SEAC-II)

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SEAC-II)

PP had submitted withdrawal request by letter dated 13/06/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

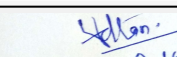
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(Secretary SEAC-II)

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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for 'JAIBHARAT KANDIVALI SRA CHS.LTD. & SAI DARSHAN SRA SAHAKARI GRUHNIRMAN SANSTHA MARYADIT'- Expansion of Proposed Residential & Commercial Project on Plot bearing No.CTS 471-A (Pt.), Lalji Pada New Link Road, Kandivali (W) Mumbai - 400067, by M/s. Raj Arcades Homes Pvt. Ltd.

Is a Violation Case: No

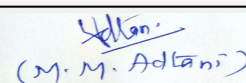
1.Name of Project	JAIBHARAT KANDIVALI SRA CHS.LTD. & SAI DARSHAN SRA SAHAKARI GRUHNIRMAN SANSTHA MARYADIT'- Expansion of Proposed Residential & Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajesh Savla M/s. Raj Arcades Homes Pvt. Ltd.,C/101,Ratnakar, Opp. Ekta Bhoomi classic, Mahavir Nagar, Kandivali (W), Mumbai-400 067
4.Name of Consultant	Mr. H.K. Desai Enviro Analysts & Engineers Pvt. Ltd.,B-1003, Enviro House Western Edge II, Behind Metro Mall Western Express Highway Borivali (E), Mumbai-400066
5.Type of project	SRA Scheme.
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received dated 01-02-2016 (SEAC-2013/CR-259/TC-1) , Total BUA= 31844.05 sq.m.
8.Location of the project	Plot bearing CTS No. 471-A (Pt.) of village -Kandivali, Lalji Pada New Link Road, Kandivali (W) Mumbai -400067
9.Taluka	borivali
10.Village	kandivali
Correspondence Name:	Mr. Rajesh Savla ,M/s. Raj Arcades Homes Pvt. Ltd
Room Number:	C/101
Floor:	1st Floor
Building Name:	Ratnakar, Opp. Ekta Bhoomi classic,
Road/Street Name:	-
Locality:	Mahavir Nagar, Kandivali (W), Mumbai-400 067
City:	Kandivali
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	SRA/ENG/3124/RS/STGL/AP dated 5th May, 2017 IOD/IOA/Concession/Plan Approval Number: SRA/ENG/3124/RS/STGL/AP dated 5th May, 2017 Approved Built-up Area: 40350.38
13.Note on the initiated work (If applicable)	Constructed FSI area = 16124.82 sq.m., Constructed Non FSI area = 6160.46 sq.m. ,Total constructed BUA= 22285.28 sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Revised SRA LOI Granted dated: 02-02-2017 Under No.: SRA/ENG/1030/RS/STGL/LOI
15.Total Plot Area (sq. m.)	5885.00 sq.m.
16.Deductions	656.50 sq.m.
17.Net Plot area	5228.50 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Sale = 14027.35sq.m., Rehab = 9512.65sq.m., total = 23540.00sq.m, Fungible FSI area for Sale = 4873.92 sq.m., Rehab = 2135.18 sq.m., Total = 7009.10 sq.m. b) Non FSI area (sq. m.): Sale = 5022.03 sq.m., Rehab = 5425.35 sq.m., total = 10447.38 sq.m. c) Total BUA area (sq. m.): 40996.48
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 29391.64 Approved Non FSI area (sq. m.): 10958.74 Date of Approval: 05-05-2017
19.Total ground coverage (m2)	2226.81sq.m.


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 135th -Day-2 -Part-2
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Shri M.M.Adtani (Chairman
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20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	42.59 %
21. Estimated cost of the project	1394700000

22. Number of buildings & its configuration

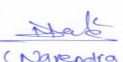
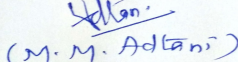
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Bldg.-Wing A	Ground + 23 (pt) Floors	69.95
2	Rehab Bldg.-Wing B	Ground + 23 (pt) Floors	69.95
3	Sale Bldg.-Wing A	Ground (Pt.) + 1-23 Floors	69.90
4	Sale Bldg.-Wing B	Ground + 1-23 Floors	69.90
5	Sale Bldg.-Wing C	Ground + 1-23 Floors	69.90
6	Sale Bldg.-Wing D	Ground + 1-23 Floors	69.90
7	Parking Tower	-	69.90

23. Number of tenants and shops	Sale Tenements=333 Nos. Sale Shops = 3 (2 in Sale Wing & 1 in Rehab Wing); Rehab Tenements = 329 Nos. Rehab Res. + Comm. = 12 Nos. Rehab shops = 38 Nos. Balwadi, welfare & society office, Amenity Structure 12 (give separately) Balwadi=4, Welfare Centre = 4, Society Office=3, Temple = 1
24. Number of expected residents / users	Rehab = 1934, Sale = 1671, Total = 3605
25. Tenant density per hectare	1118 Nos./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))	36.60 M wide Existing New Link road and 6.0 m wide existing 63 K road
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6.0 m
29. Existing structure (s) if any	construction of the buildings started as per the EC received dated 01-02-2016. Rehab A Wing - Gr. + 12 Floors, Rehab B Wing - Gr. + 12 Floors, Sale A Wing - Stilt + 12 Floors, Sale B Wing - Stilt + 12 Floors, Sale C Wing - Stilt + 12 Floors, Sale D Wing - Stilt + 12 Floors
30. Details of the demolition with disposal (If applicable)	Waste generated during demolition of slum units was disposed as per debris management plan.

31. Production Details

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

32. Total Water Requirement

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Dry season:	Source of water	MCGM/ Recycled water								
	Fresh water (CMD):	Rehab +Sale =Total, 157+ 156=313								
	Recycled water - Flushing (CMD):	80 + 75=155								
	Recycled water - Gardening (CMD):	1+2=3								
	Swimming pool make up (Cum):	6 cum								
	Total Water Requirement (CMD) :	Rehab =238,Sale =233, total = 471								
	Fire fighting - Underground water tank(CMD):	Rehab:200 cum, Sale :200 cum,								
	Fire fighting - Overhead water tank(CMD):	Rehab : 2 nos. of 30cum, Sale : 4 nos. of 30 cum								
	Excess treated water	Rehab = 104,Sale = 98, Total =202								
Wet season:	Source of water	MCGM/RWH Tank/Recycled water								
	Fresh water (CMD):	Rehab +Sale =Total,157+ 156=313								
	Recycled water - Flushing (CMD):	80 + 75=155								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	6 cum								
	Total Water Requirement (CMD) :	Rehab =237,Sale =231, total = 468								
	Fire fighting - Underground water tank(CMD):	Rehab:200 cum, Sale :200 cum,								
	Fire fighting - Overhead water tank(CMD):	Rehab : 2 nos. of 30cum, Sale : 4 nos. of 30 cum								
	Excess treated water	Rehab = 105,Sale = 100, Total =205								
Details of Swimming pool (If any)		swimming pool is provided for sale building.								
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	

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 m.
	Size and no of RWH tank(s) and Quantity:	Rehab: 49cum Sale: 66 cum(2 days capacity)
	Location of the RWH tank(s):	under ground level
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 6.0 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.3Lakhs
	Details of UGT tanks if any :	Rehab Bldg. (domestic = 158 Flushing = 82) Sale Bldg. (Domestic = 156, flushing =78) Fire Tanks = (Rehab = 200, Sale = 200) RWH Tanks = (Rehab = 24, Sale = 33)
35.Storm water drainage	Natural water drainage pattern:	North to South
	Quantity of storm water:	0.05 cum / sec.(Actual discharge) • 0.25 cum/sec.(Design Capacity)
	Size of SWD:	0.40 x 0.30 mt.
Sewage and Waste water	Sewage generation in KLD:	399 KLD (Rehab :205 KLD: Sale:194 KLD)
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	475KLD (Rehab:245 KLD, Sale: 230KLD)
	Location & area of the STP:	ground level
	Budgetary allocation (Capital cost):	Rs. 48Lakhs
	Budgetary allocation (O & M cost):	Rs. 7Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Debris has been disposed off by covered trucks to the authorized sites with the permission of MCGM.
	Disposal of the construction waste debris:	Debris will be used for backfilling and counterweight of raft, road works, etc. Brickbats will be used for waterproofing. Reinforcement will be sent for reuse Nominal surplus construction debris shall be disposed of by covered trucks to the authorized sites with the permission of MCGM.
Waste generation in the operation Phase:	Dry waste:	379 + 334=713kg/day (Rehab + Sale)
	Wet waste:	514+ 501 =1015kg/day (Rehab + Sale)
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	25Kg/day
	Others if any:	nil
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Mode of Disposal of waste:	Dry waste:	Will be managed through recyclers.
	Wet waste:	Biodegradable waste will be processed in OWC and manure so obtained will be used for landscaping and replacement for dry manure in OWC.
	Hazardous waste:	Nil
	Biomedical waste (If applicable):	Nil
	STP Sludge (Dry sludge):	Used as a manure
	Others if any:	nil
Area requirement:	Location(s):	at ground level
	Area for the storage of waste & other material:	41sq.m. Rehab and 40sq.m. for Sale.
	Area for machinery:	12 sq.m.for each
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 24.0 Lakhs
	O & M cost:	Rs. 5.0Lakhs

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

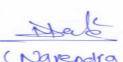
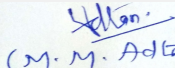
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 :	594.26sq.m.(8%)
	No of trees to be cut :	nil
	Number of trees to be planted :	60 Nos.
	List of proposed native trees :	as 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	Mimusops elengii	Bakul	10	Flowering
2	Saraca indica	Sita asoka	17	evergreen tree
3	Plumeria alba	champa	8	flowering
4	Michelia champaca	Son champa	14	flowering
5	Erythrina indica	Pangara	11	deciduous tree

45.Total quantity of plants on ground

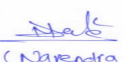
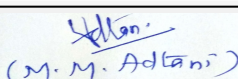
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	not applicable	not applicable	not applicable

47.Energy

Power requirement:	Source of power supply :	Reliance Energy
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	Rehab = 1752 Kw, Sale =2117Kw
	During Operation phase (Demand load):	Rehab = 662 Kw, Sale = 758 Kw
	Transformer:	NA
	DG set as Power back-up during operation phase:	Rehab = 1 X 250 KVA, Sale = 1 X 250 KVA
	Fuel used:	LSD
	Details of high tension line passing through the plot if any:	NIL

48.Energy saving by non-conventional method:

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1. common area lighting on solar
2. T5, T8 lights
3. LED Lights
4. Lift- VFD & regenerative type
5. Solar hot water system

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	as above	Rehab = 8%, Sale = 8%

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. 61.0 Lakhs
	O & M cost:	Rs. 3.0 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	2.5
2	Land Environment	site sanitation	2.0
3	Environmental Monitoring	For Air, Noise, Water Analysis	15.0
4	EHS	Disinfection	1.75
5	EHS	Health Check Up	3.6

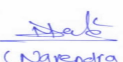
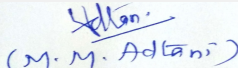
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	water environment	Rain Water Harvesting	6	0.3
2	land environment	solid waste management	24	5.0
3	water environment	STP	48	7
4	Energy Saving	Solar Energy System	61	3
5	Land Environment	Landscaping	10	0.50

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

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

52.Any Other Information

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No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Site is abutting to 36.60 m wide New Link Road and 6.00 m wide existing 63k road.
Parking details:	Number and area of basement:	nil
	Number and area of podia:	nil
	Total Parking area:	5126.10 sq.m.
	Area per car:	25.89 sq.m.
	Area per car:	25.89 sq.m.
	Number of 2-Wheelers as approved by competent authority:	25Nos.
	Number of 4-Wheelers as approved by competent authority:	198 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 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 = 4.60 km
	Category as per schedule of EIA Notification sheet	Schedule 8a, Category B
	Court cases pending if any	Nil
	Other Relevant Informations	this project is an Expansion project. Previously grant EC dated 01-02-2016 (SEAC-2013/CR-259/TC-1)
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-05-2017

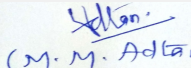
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-

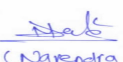

(Narendra Toke)
Shri Narendra Toke
(Secretary SEAC-II)

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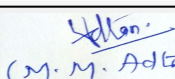

(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

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	
Environment Clearance for Expansion of Proposed Residential & Commercial Project on Plot bearing No.CTS 471-A (Pt.), Lalji Pada New Link Road, Kandivali (W) Mumbai - 400067, by M/s. Raj Arcades Homes Pvt. Ltd.	
PP had submitted withdrawal request by letter dated 15/11/2018 & 25/01/2019 respectively, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
DECISION OF SEAC	
PP had submitted withdrawal request by letter dated 15/11/2018 & 25/01/2019 respectively, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEAC decision above.	


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

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Shri M.M.Adtani (Chairman
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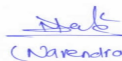
135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for 'JAIBHARAT KANDIVALI SRA CHS.LTD. & SAI DARSHAN SRA SAHAKARI GRUHNIRMAN SANSTHA MARYADIT'- Expansion of Proposed Residential & Commercial Project on Plot bearing No.CTS 471-A (Pt.), Lalji Pada New Link Road, Kandivali (W) Mumbai - 400067, by M/s. Raj Arcades Homes Pvt. Ltd.

Is a Violation Case: No

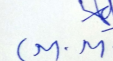
1.Name of Project	JAIBHARAT KANDIVALI SRA CHS.LTD. & SAI DARSHAN SRA SAHAKARI GRUHNIRMAN SANSTHA MARYADIT'- Expansion of Proposed Residential & Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajesh Savla M/s. Raj Arcades Homes Pvt. Ltd.,C/101,Ratnakar, Opp. Ekta Bhoomi classic, Mahavir Nagar, Kandivali (W), Mumbai-400 067
4.Name of Consultant	Mr. H.K. Desai Enviro Analysts & Engineers Pvt. Ltd.,B-1003, Enviro House Western Edge II, Behind Metro Mall Western Express Highway Borivali (E), Mumbai-400066
5.Type of project	SRA Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received dated 01-02-2016 (SEAC-2013/CR-259/TC-1) , Total BUA= 31844.05 sq.m.
8.Location of the project	Plot bearing CTS No. 471-A (Pt.) of village -Kandivali, Lalji Pada New Link Road, Kandivali (W) Mumbai -400067
9.Taluka	borivali
10.Village	kandivali
Correspondence Name:	Mr. Rajesh Savla ,M/s. Raj Arcades Homes Pvt. Ltd
Room Number:	C/101
Floor:	1st Floor
Building Name:	Ratnakar, Opp. Ekta Bhoomi classic,
Road/Street Name:	-
Locality:	Mahavir Nagar, Kandivali (W), Mumbai-400 067
City:	Kandivali
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	SRA/ENG/3124/RS/STGL/AP dated 5th May, 2017 IOD/IOA/Concession/Plan Approval Number: SRA/ENG/3124/RS/STGL/AP dated 5th May, 2017 Approved Built-up Area: 47455.01
13.Note on the initiated work (If applicable)	Constructed FSI area = 10045.76sq.m., Constructed Non FSI area = 13169.95 sq.m. ,Total constructed BUA= 23215.71 sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Revised SRA LOI Granted dated: 02-02-2017 Under No.: SRA/ENG/1030/RS/STGL/LOI
15.Total Plot Area (sq. m.)	5885.00 sq.m.
16.Deductions	656.50 sq.m.
17.Net Plot area	5228.50 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Sale = 14027.35sq.m., Rehab = 9512.65sq.m., total = 23540.00sq.m, Fungible FSI area for Sale = 4873.92 sq.m., Rehab = 2135.18 sq.m., Total = 7009.10 sq.m. Total Sale = 18901.27 sq.m., Total Rehab = 11647.83 sq.m., Total = 30549.10 sq.m. b) Non FSI area (sq. m.): Sale = 10472.59 sq.m., Rehab = 6399.76 sq.m., total = 16872.35sq.m. c) Total BUA area (sq. m.): 47421.45
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 30219.72 Approved Non FSI area (sq. m.): 17235.29 Date of Approval: 05-05-2017
19.Total ground coverage (m2)	2236.90


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	42.78 %
21.Estimated cost of the project	1394700000

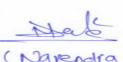
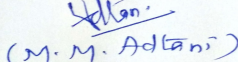
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Bldg.-Wing A	Ground + 23 (pt) Floors	69.95
2	Rehab Bldg.-Wing B	Ground + 23 (pt) Floors	69.95
3	Sale Bldg.-Wing A	Ground (Pt.) + Stilt(pt.)+1-23 Floors	69.90
4	Sale Bldg.-Wing B	Ground (Pt.) + Stilt(pt.)+1-23 Floors	69.90
5	Sale Bldg.-Wing C	Ground (Pt.) + Stilt(pt.)+1-23 Floors	69.90
6	Sale Bldg.-Wing D	Stilt(pt.)+1-23 Floors	69.90
7	Parking Tower	-	69.90

23.Number of tenants and shops	Sale Tenements=333 Nos. Sale Shops = 3 (2 in Sale Wing & 1 in Rehab Wing); Rehab Tenements =329Nos. Rehab Res.+ Comm.=12Nos. Rehab shops= 38Nos. Balwadi, welfare & society office, Amenity Structure 12(give separately) Balwadi=4, Welfare Centre = 4, Society Office=3, Temple =1
24.Number of expected residents / users	Rehab = 1934, Sale = 1671, Total = 3605
25.Tenant density per hectare	1118 Nos./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))	36.60 M wide Existing New Link road and 6.0 m wide existing 63 K road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6.0 m
29.Existing structure (s) if any	construction of the buildings started as per the EC received dated 01-02-2016.Rehab A Wing - Gr. + 12 Floors, Rehab B Wing - Gr. + 12 Floors, Sale A Wing - Stilt + 12 Floors , Sale B Wing - Stilt + 12 Floors , Sale C Wing - Stilt + 12 Floors , Sale D Wing - Stilt + 12 Floors
30.Details of the demolition with disposal (If applicable)	Waste generated during demolition of slum units was disposed as per debris management plan.

31.Production Details

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

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32.Total Water Requirement

Dry season:	Source of water	MCGM/ Recycled water
	Fresh water (CMD):	Rehab +Sale =Total, 157+ 156=313
	Recycled water - Flushing (CMD):	80 + 75=155
	Recycled water - Gardening (CMD):	1+2=3
	Swimming pool make up (Cum):	6 cum
	Total Water Requirement (CMD) :	Rehab =238,Sale =233, total = 471
	Fire fighting - Underground water tank(CMD):	Rehab:200 cum, Sale :200 cum,
	Fire fighting - Overhead water tank(CMD):	Rehab : 2 nos. of 30cum, Sale : 4 nos. of 30 cum
	Excess treated water	Rehab = 104,Sale = 98, Total =202
Wet season:	Source of water	MCGM/RWH Tank/Recycled water
	Fresh water (CMD):	Rehab +Sale =Total,157+ 156=313
	Recycled water - Flushing (CMD):	80 + 75=155
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	6 cum
	Total Water Requirement (CMD) :	Rehab =237,Sale =231, total = 468
	Fire fighting - Underground water tank(CMD):	Rehab:200 cum, Sale :200 cum,
	Fire fighting - Overhead water tank(CMD):	Rehab : 2 nos. of 30cum, Sale : 4 nos. of 30 cum
	Excess treated water	Rehab = 105,Sale = 100, Total =205
Details of Swimming pool (If any)	swimming pool is provided for sale building.	

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 m.
	Size and no of RWH tank(s) and Quantity:	Rehab: 49cum Sale: 66 cum(2 days capacity)
	Location of the RWH tank(s):	under ground level
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 6.0 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.3Lakhs
	Details of UGT tanks if any :	Rehab Bldg. (domestic = 158 Flushing = 82) Sale Bldg. (Domestic = 156, flushing =78) Fire Tanks = (Rehab = 200, Sale = 200) RWH Tanks = (Rehab = 24, Sale = 33)
35.Storm water drainage	Natural water drainage pattern:	North to South
	Quantity of storm water:	0.05 cum / sec.(Actual discharge) • 0.25 cum/sec.(Design Capacity)
	Size of SWD:	0.40 x 0.30 mt.
Sewage and Waste water	Sewage generation in KLD:	399 KLD (Rehab :205 KLD: Sale:194 KLD)
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	475KLD (Rehab:245 KLD, Sale: 230KLD)
	Location & area of the STP:	ground level
	Budgetary allocation (Capital cost):	Rs. 48Lakhs
	Budgetary allocation (O & M cost):	Rs. 7Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Debris has been disposed off by covered trucks to the authorized sites with the permission of MCGM.
	Disposal of the construction waste debris:	Debris will be used for backfilling and counterweight of raft, road works, etc. Brickbats will be used for waterproofing. Reinforcement will be sent for reuse Nominal surplus construction debris shall be disposed of by covered trucks to the authorized sites with the permission of MCGM.
Waste generation in the operation Phase:	Dry waste:	379 + 334=713kg/day (Rehab + Sale)
	Wet waste:	514+ 501 =1015kg/day (Rehab + Sale)
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	25Kg/day
	Others if any:	nil
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Mode of Disposal of waste:	Dry waste:	Will be managed through recyclers.
	Wet waste:	Biodegradable waste will be processed in OWC and manure so obtained will be used for landscaping and replacement for dry manure in OWC.
	Hazardous waste:	Nil
	Biomedical waste (If applicable):	Nil
	STP Sludge (Dry sludge):	Used as a manure
	Others if any:	nil
Area requirement:	Location(s):	at ground level
	Area for the storage of waste & other material:	41sq.m. Rehab and 40sq.m. for Sale.
	Area for machinery:	12 sq.m.for each
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 24.0 Lakhs
	O & M cost:	Rs. 5.0Lakhs

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

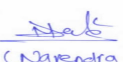
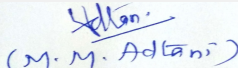
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 :	594.26sq.m.(8%)
	No of trees to be cut :	nil
	Number of trees to be planted :	60 Nos.
	List of proposed native trees :	as 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	Mimusops elengii	Bakul	10	Flowering
2	Saraca indica	Sita asoka	17	evergreen tree
3	Plumeria alba	champa	8	flowering
4	Michelia champaca	Son champa	14	flowering
5	Erythrina indica	Pangara	11	deciduous tree

45.Total quantity of plants on ground

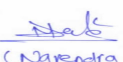
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	not applicable	not applicable	not applicable

47.Energy

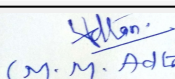
Power requirement:	Source of power supply :	Reliance Energy
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	Rehab = 1860 Kw, Sale =2349 Kw
	During Operation phase (Demand load):	Rehab = 1179 Kw, Sale = 1426 Kw
	Transformer:	NA
	DG set as Power back-up during operation phase:	Rehab = 1 X 250 KVA, Sale = 1 X 250 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NIL

48.Energy saving by non-conventional method:


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1. common area lighting on solar
2. T5, T8 lights
3. LED Lights
4. Lift- VFD & regenerative type
5. Solar hot water system

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	as above	Rehab = 8%, Sale = 7%

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. 61.0 Lakhs
	O & M cost:	Rs. 3.0Lakhs

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	2.5
2	Land Environment	site sanitation	2.0
3	Environmental Monitoring	For Air, Noise, Water Analysis	15.0
4	EHS	Disinfection	1.75
5	EHS	Health Check Up	3.6

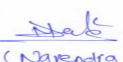
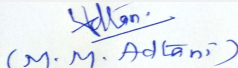
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	water environment	Rain Water Harvesting	6	0.3
2	land environment	solid waste managment	24	5.0
3	water environment	STP	48	7
4	Energy Saving	Solar Energy System	61	3
5	Land Environment	Landscaping	10	0.50

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

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

52.Any Other Information

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No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Site is abutting to 36.60 m wide New Link Road and 6.00 m wide existing 63k road.
Parking details:	Number and area of basement:	nil
	Number and area of podia:	nil
	Total Parking area:	4763.76 SQ.M.
	Area per car:	29.77 sq.m.
	Area per car:	29.77 sq.m.
	Number of 2-Wheelers as approved by competent authority:	25Nos.
	Number of 4-Wheelers as approved by competent authority:	160Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 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 = 4.60 km
	Category as per schedule of EIA Notification sheet	Schedule 8a, Category B
	Court cases pending if any	Nil
	Other Relevant Informations	this project is an Expansion project. Previously grant EC dated 01-02-2016 (SEAC-2013/CR-259/TC-1)
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-05-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

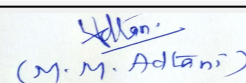
Environmental Impacts of the project	-
Water Budget	-


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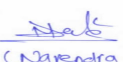
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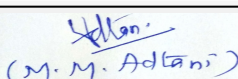
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Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
Environment Clearance for Expansion of Proposed Residential & Commercial Project on Plot bearing No.CTS 471-A (Pt.), Lalji Pada New Link Road, Kandivali (W) Mumbai - 400067, by M/s. Raj Arcades Homes Pvt. Ltd.	
PP had submitted withdrawal request by letter dated 15/11/2018 & 25/01/2019 respectively, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
DECISION OF SEAC	
PP had submitted withdrawal request by letter dated 15/11/2018 & 25/01/2019 respectively, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEAC decision above.	


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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for expansion of "Redevelopment Project" On plot bearing C.T.S.No's 648 (pt), The M.I.G. Co-operative Housing Society, Group IV Ltd., Gandhi Nagar, Bandra East

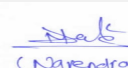
Is a Violation Case: No

1.Name of Project	Expansion of "Redevelopment Project" On plot bearing C.T.S.No's 648 (pt), The M.I.G. Co-operative Housing Society, Group IV Ltd., Gandhi Nagar, Bandra East
2.Type of institution	Private
3.Name of Project Proponent	M/s. Rustomjee Constructions Pvt. Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd. Mr. H. K Desai B-1003, Enviro House, 10th floor, Western Edge -II Western Express Highway, Borivali (E), Mumbai- 400 066 hkdesai5@gmail.com; info@eaepl.com
5.Type of project	A Residential redevelopment Project. MCGM DCR 33 (5)
6.New project/expansion in existing project/modernization/diversification in existing project	expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC recieved vide letter no. SEAC-III-2014/CR-274/TC-1 dated 1.02.2016
8.Location of the project	Plot bearing C.T.S. No's 648 (pt), The M.I.G. Co-operative Housing Society, Group IV Ltd., Gandhi Nagar, Bandra East
9.Taluka	Gandhi Nagar
10.Village	Bandra
11.Whether in Corporation / Municipal / other area	MCGM (Municipal Corporation of Greater Mumbai)
12.IOD/IOA/Concession/Plan Approval Number	IOD recieved 4.10.2016 IOD/IOA/Concession/Plan Approval Number: CHE/WS/0953/H/337 (NEW) Approved Built-up Area: 97861.98
13.Note on the initiated work (If applicable)	53466.22 sqm constructed on site as per EC received dated 01.02.2016 for construction area 125362.00
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Letter received from MHADA NO.Co/MB/REE/NOC/F-457/821/2017 dated 13.06.2017
15.Total Plot Area (sq. m.)	15445.08
16.Deductions	nil
17.Net Plot area	15445.08
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 84278.09 b) Non FSI area (sq. m.): 64484.56 c) Total BUA area (sq. m.): 148762.65
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	5685.33
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	36.81%
21.Estimated cost of the project	4850000000

22.Number of buildings & its configuration

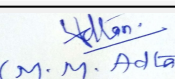
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A,B ,C, D, E & F	3 B + Gr + 25 Upper Floors	83.05 M

23.Number of tenants and shops 779 No's


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24.Number of expected residents / users	3895 no's
25.Tenant density per hectare	504/hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The site is accessible from 27.4m wide Nana Dharmadhikari Marg (north), 18.30m wide Madhusudhan Kalelkar Marg (south) & 9.00 m wide internal road (east and west)
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	The project has access through internal Straight spine of 6.00 mt and 27.4m wide Nana Dharmadhikari Marg (north), 18.30m wide Madhusudhan Kalelkar Marg which are abutting and both 9.00m wide roads on east and west.
29.Existing structure (s) if any	Basement =1.5 Wing A=0 floors Wing B=18 floors Wing C=18 floors Wing D =0 floors Wing E=10 floors Wing F=6 floors
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

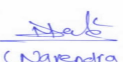
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	MCGM / treated water from STP
	Fresh water (CMD):	351 KLD
	Recycled water - Flushing (CMD):	175 KLD
	Recycled water - Gardening (CMD):	30 KLD
	Swimming pool make up (Cum):	.
	Total Water Requirement (CMD) :	556 KLD
	Fire fighting - Underground water tank(CMD):	600 KL
	Fire fighting - Overhead water tank(CMD):	270 KL
	Excess treated water	221 KLD

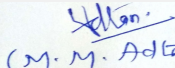
Wet season:	Source of water	MCGM/RWH/ treated water from STP								
	Fresh water (CMD):	351 KLD								
	Recycled water - Flushing (CMD):	175 KLD								
	Recycled water - Gardening (CMD):	0 KLD								
	Swimming pool make up (Cum):	.								
	Total Water Requirement (CMD) :	526 KLD								
	Fire fighting - Underground water tank(CMD):	600 KL								
	Fire fighting - Overhead water tank(CMD):	270 KL								
	Excess treated water	251 KLD								
Details of Swimming pool (If any)	.									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2.5 m - 5.0 m bgl								
	Size and no of RWH tank(s) and Quantity:	1 nos of 150 KLD								
	Location of the RWH tank(s):	lower Basement level								
	Quantity of recharge pits:	nil								
	Size of recharge pits :	nil								
	Budgetary allocation (Capital cost) :	Rs 10 lakhs								
	Budgetary allocation (O & M cost) :	Rs 1.0 lakhs								
	Details of UGT tanks if any :	Domestic Water Tank =360 KL Flushing Water Tank =180 KL Fire Water Tank = 600 KL Rain Water Harvesting Tank =150 KL Location of tank is lower Basement level								

35.Storm water drainage	Natural water drainage pattern:	SE to NW
	Quantity of storm water:	0.19 m3/sec
	Size of SWD:	0.45m (wide) x 0.45m (deep)
Sewage and Waste water	Sewage generation in KLD:	474 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	520 KLD
	Location & area of the STP:	1st and 2nd Basement level
	Budgetary allocation (Capital cost):	Rs 40 lakhs
	Budgetary allocation (O & M cost):	Rs 4 lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	60000 empty cement bags,600 empty cans
	Disposal of the construction waste debris:	- 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:	779 Kg/day
	Wet waste:	1169 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	22
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Will be handed over to Local Recyclers for recycling
	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):	Use as a manure
	Others if any:	NA
Area requirement:	Location(s):	ground level
	Area for the storage of waste & other material:	20 sqm
	Area for machinery:	3 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 40 lakhs
	O & M cost:	Rs 3.5 lakhs
37.Effluent Charecterestics		


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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

43.Green Belt Development

Total RG area :

The provided RG area is 5363.05 Sq.mt on ground against the required RG area i.e.1117 sqm

No of trees to be cut :

219 existing trees, 127 to be cut/transplanted & 92 trees to be retained as per Tree NOc recieved

Number of trees to be planted :

268 no's of trees

List of proposed native trees :

stated below

Timeline for completion of plantation :

by the end of construction phase

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

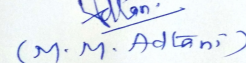
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Plumeria alba	Chapha	20	ornamental
2	Plumeria rubra	Deo chapha	25	ornamental
3	Michelia champaca	Son chapha	16	ornamental


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4	Cordyline australis	Club Palm	20	ornamental
5	Bauhinia blakeana	Kanchan	15	ornamental
6	Lagerstroemia speciosa	Taman	20	ornamental
7	Areca catechu	Betel Palm	20	ornamental
8	Sesbania grandiflora	Grandifolia	18	ornamental
9	Caryota urens	Solitary Fish tail Palm	20	ornamental
10	Nyctanthes arbor tristis	Parijat	20	ornamental
11	Filicium decipiens	Fern Tree	18	ornamental
12	Cordia sebastena	Lal lasoda	18	ornamental
13	Brownea coccinea	Scarlet Flame Bean	16	shadey ,ornamental
14	Hyophorbe lagenicaulis	Champagne Palm tree	22	ornamental
45.Total quantity of plants on ground				

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

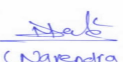
Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	Source of power supply :	TATA/Reliance
	During Construction Phase: (Demand Load)	80 kw
	DG set as Power back-up during construction phase	100 kva
	During Operation phase (Connected load):	13758 KW
	During Operation phase (Demand load):	6218 KVA
	Transformer:	NA
	DG set as Power back-up during operation phase:	1 no. x 900 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

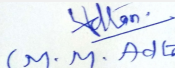
48.Energy saving by non-conventional method:

T-5 lamps with Electronic Ballast
Solar Light with LED fixture
Hot water requirement met through solar water heating
The Lift system shall be on VFD that would result in considerable energy saving as compared to conventional lifts.
Voltmeter/Ammeters for monitoring power system
Designing APFC panel to improve power factor


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49.Detail calculations & % of saving:				
Serial Number	Energy Conservation Measures		Saving %	
1	Total savings in %		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 60 lakhs		
	O & M cost:	Rs. 0.6 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	5	
2	Noise Environment	Noise Baricades and Green Belt Developments	15	
3	Water Environment	Modular STP , Drainage with sedimentation tanks	15	
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	waste water management	STP Cost	40	4
2	Solid Waste Management	OWC	35	3.5
3	Green Belt development	Green Belt development	15	0.3
4	Rain water harvesting	Rain water harvesting	10	1.0
5	soalr savings	Energy Efficient equipment's	60	6
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)				

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

52. Any Other Information

No Information Available

53. Traffic Management

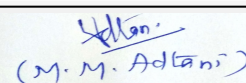
	Nos. of the junction to the main road & design of confluence:	The proposed project is connected by 27.4m wide Nana Dharmadhikari Marg (north), 18.30m wide Madhusudhan Kalelkar Marg (south) & 9.00 m wide internal road (east and west)
Parking details:	Number and area of basement:	3no.(148510.45sqm)
	Number and area of podia:	NIL
	Total Parking area:	32956.95 sqm
	Area per car:	22.89 sq.m
	Area per car:	22.89 sq.m
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	1440 nos
	Public Transport:	NA
	Width of all Internal roads (m):	6m wide internal roads
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA


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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-06-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		
Environment Clearance for expansion of "Redevelopment Project" On plot bearing C.T.S.No's 648 (pt), The M.I.G. Co-operative Housing Society, Group IV Ltd., Gandhi Nagar, Bandra East , Mumbai by M/s. Rustomjee Constructions Pvt. Ltd.		
PP had submitted withdrawal request by letter dated 04/04/2018, Committee decided to accept the same & forward the same to SEIAA for further necessary action.		
DECISION OF SEAC		
PP had submitted withdrawal request by letter dated 04/04/2018, Committee decided to accept the same & forward the same to SEIAA for further necessary action.		
Specific Conditions by SEAC:		
FINAL RECOMMENDATION		
Kindly find SEAC decision above.		

SEAC-AGENDA 2000000438

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Proposed Residential cum commercial Project at Plot bearing CTS No. 288 B, village Bandivali, Oshiwara by M/s. A surti Developers Pvt Ltd

Is a Violation Case: No

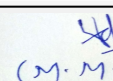
1.Name of Project	Proposed Residential cum commercial Project
2.Type of institution	Private
3.Name of Project Proponent	A surti Developers Pvt Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Residential cum Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	In the plot area of 7176.91 sq.m The work of construction of Building 1 with the configuration St + P + 22 floors as approved by local planning Authority i.e. MMRDA for the FSI area of 9207.64 sq.m as per the FSI potential prevailing at the time of approval & Non FSI area 8770.20 sq.m (Total construction area = 17977.84 sq.m) was commenced and completed as per the CC dtd 16th February 2010.
8.Location of the project	Plot bearing CTS No. 288 B, village Bandivali, Oshiwara
9.Taluka	Andheri
10.Village	Bandivali
Correspondence Name:	A surti Developers Pvt Ltd
Room Number:	CTS No.288
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Amrut Nagar,Bandivali Village, Jogeshwari (W)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Mumbai Metropolitan Region Development Authority (MMRDA)
12.IOD/IOA/Concession/Plan Approval Number	MMRDA Principle Approval Under No. TCP (P-2)/ODC/CC/3.136/II/1957/2016 Dated 06/12/2016 IOD/IOA/Concession/Plan Approval Number: MMRDA Principle Approval Under No. TCP (P-2)/ODC/CC/3.136/II/1957/2016 Dated 06/12/2016 Approved Built-up Area: 42080.25
13.Note on the initiated work (If applicable)	In the plot area of 7176.91 sq.m The work of construction of Building 1 with the configuration St + P + 22 floors as approved by local planning Authority i.e. MMRDA for the FSI area of 9207.64 sq.m as per the FSI potential prevailing at the time of approval & Non FSI area 8770.20 sq.m (Total construction area = 17977.84 sq.m) was commenced and completed as per the CC dtd 16th February 2010.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Principle approval from MMRDA.
15.Total Plot Area (sq. m.)	7176.91
16.Deductions	1301.58
17.Net Plot area	5875.33
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 22880.55 b) Non FSI area (sq. m.): 19199.7 c) Total BUA area (sq. m.): 42080.25
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 19578.36 Approved Non FSI area (sq. m.): 1658.26 Date of Approval: 23-02-2018
19.Total ground coverage (m2)	4597.64
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.27%


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21.Estimated cost of the project		1150000000		
22.Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Existing building: Building 1	St. + P + 22 floors	69.85	
2	Proposed Building: Building 2 Wing A	2B + Gr (pt) + 1st to 4th commercial (pt) + 5th to 19th floors	63.30	
3	Proposed Building: Building 2 Wing B	2B + Gr (pt) + 1st to 4th commercial (pt) + 5th to 19th floors	63.30	
4	Proposed Building: Building 2 Wing C	2B + Gr (pt) + 1st to 4th commercial (pt) + 5th to 19th floors	63.30	
23.Number of tenants and shops		Existing Building 128 nos. Proposed building: Residential:168nos. Offices: 10 nos. Shops: 2 nos.		
24.Number of expected residents / users		Existing Building 640 nos. , Proposed building Residential 840 nos. & Commercial 126 nos.		
25.Tenant density per hectare		510 tenants/hector		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		25.00 m wide D.P Road & 13.40 m wide existing D P Road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		Minimum 9 m		
29.Existing structure (s) if any		Building 1 of configuration St. + P + 22 floors		
30.Details of the demolition with disposal (If applicable)		Not Applicable		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

Dry season:	Source of water	MCGM / STP Treated water								
	Fresh water (CMD):	129 KLD								
	Recycled water - Flushing (CMD):	66 KLD								
	Recycled water - Gardening (CMD):	8 KLD								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	203 KLD								
	Fire fighting - Underground water tank(CMD):	350 cum								
	Fire fighting - Overhead water tank(CMD):	70 cum								
	Excess treated water	89 KLD								
Wet season:	Source of water	MCGM / RWH / STP Treated water								
	Fresh water (CMD):	129 KLD								
	Recycled water - Flushing (CMD):	66 KLD								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	195 KLD								
	Fire fighting - Underground water tank(CMD):	350 cum								
	Fire fighting - Overhead water tank(CMD):	70 cum								
	Excess treated water	97 KLD								
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	

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 meters
	Size and no of RWH tank(s) and Quantity:	1 no. of tanks of total capacity 22 KLD (1 day storage capacity)
	Location of the RWH tank(s):	Below ground level
	Quantity of recharge pits:	1 no. of recharge pit
	Size of recharge pits :	1.7 m X 3 m
	Budgetary allocation (Capital cost) :	Rs. 3.3 Lakh
	Budgetary allocation (O & M cost) :	Rs. 0.33 Lakh/year
	Details of UGT tanks if any :	Domestic tank: 129 cum Flushing tank: 66 cum Fire tank: 350 cum
35.Storm water drainage	Natural water drainage pattern:	Towards east
	Quantity of storm water:	0.142 cum/sec
	Size of SWD:	600 mm X 900 mm
Sewage and Waste water	Sewage generation in KLD:	183 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	200 KLD
	Location & area of the STP:	Below Ground level
	Budgetary allocation (Capital cost):	Rs. 35 Lakh
	Budgetary allocation (O & M cost):	Rs. 5.5 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated waste material generated will be reused for backfilling and rest shall be disposed by covered trucks to the authorized landfill sites with permission from Municipal authority
	Disposal of the construction waste debris:	Will be used for Landscaping
Waste generation in the operation Phase:	Dry waste:	300Kg/Day
	Wet waste:	431 Kg/Day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	9 kg/day
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	Will be hand over to Local Recyclers for recycling
	Wet waste:	Will be processed in the OWC. manure obtained shall be used for landscaping / Gardening , Excess manure shall be sold to nearby end users
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	To be used as manure
	Others if any:	NA
Area requirement:	Location(s):	Ground level
	Area for the storage of waste & other material:	25 sq.m
	Area for machinery:	8 Sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 11.00 Lakhs
	O & M cost:	Rs. 3.50Lakh/year

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
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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	1507.35 Sq.mt		
	No of trees to be cut :	-		
	Number of trees to be planted :	75		
	List of proposed native trees :	As listed 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	Azadirachta indica	Neem	8	Medicinal tree
2	Saraca asoca	Sita Ashok	6	Evergreen Tree
3	Pongamia pinnata	Karanj	6	Flowering plant
4	Ficus retusa	Nandruk	3	Evergreen Tree
5	Cassia fistula	Bahava	8	Flowering plant
6	Nyctanthes arbortristis	Parijatak	7	Flowering plant
7	Bauhinia racemosa	Apta	8	Evergreen tree
8	Anthocephalus cadamba	Kadamb	7	Evergreen tree
9	Mimusops elengi	Bakul	8	Evergreen tree
10	Michelia champaca	Son Chafa	5	Flowering plant
11	Putranjiva roxburghii	Putranjiva	9	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 :	Reliance
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	50 KVA
	During Operation phase (Connected load):	4700.87 KW
	During Operation phase (Demand load):	2039.76 KW
	Transformer:	1500 KVA
	DG set as Power back-up during operation phase:	1 X 380 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Landscape Lighting with LED Lamps
Solar Water Heating System

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Savings	16%

50. Details of pollution control Systems

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

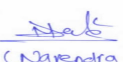
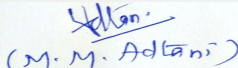
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 41.00 Lakh
	O & M cost:	Rs. 1.00 Lakh/year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water for Dust Suppression	2.00
2	EHS	Site Sanitation	2.00
3	Environmental Monitoring	Environmental Monitoring	6.00
4	EHS	Disinfection	1.50
5	EHS	Health Check Up	1.50

b) Operation Phase (with Break-up):

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Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	STP	35.00	5.50
2	Water Environment	RWH	3.30	0.33
3	Solid waste Management	OWC	17.00	3.50
4	Land Environment	Landscape	37.60	7.50
5	Energy Savings	Solar	41.00	1.00

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

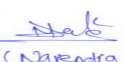
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

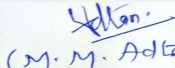
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Entries & Exit: 3 Nos
Parking details:	Number and area of basement:	2 Basements of area 2959.06 sq.m
	Number and area of podia:	Proposed bldg.:4 podiums of area 2467.24 sq.m , Existing building: 1 podium of area 3035.16 sq.m
	Total Parking area:	5835.53 sq.m
	Area per car:	28 sq.m
	Area per car:	28 sq.m
	Number of 2-Wheelers as approved by competent authority:	Nil
	Number of 4-Wheelers as approved by competent authority:	Existing building: 96 nos. ,Proposed building: 240 nos.
	Public Transport:	Nil
	Width of all Internal roads (m):	6 m wide
	CRZ/ RRZ clearance obtain, if any:	Not Applicable


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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park (0.85 km)
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	No
	Other Relevant Informations	The project was presented in 62nd Part C SEAC II meeting, Item No. 2, SEIAA-STATEMENT-0000001012 As per the minutes of the meeting, committee suggested to submit a fresh consolidated statement considering the existing building no. 1 details.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-02-2018

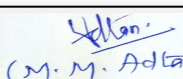
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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


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Brief information of the project by SEAC

Environment Clearance for Proposed Residential cum commercial Project at Plot bearing Plot bearing CTS No. 288 B, village Bandivali, Oshiwara by M/s. A surti Developers Pvt Ltd.

PP had submitted withdrawal request by letter dated 19/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 19/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

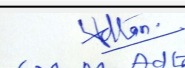
SEAC-AGENDA-0000000438


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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(M. M. Adtani)

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

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

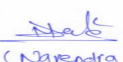
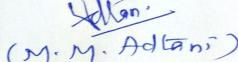
SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for "Residential Development" at Kandivali (E), Mumbai

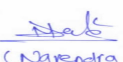
Is a Violation Case: No

1.Name of Project	"Residential Development" at Kandivali (E), Mumbai
2.Type of institution	Private
3.Name of Project Proponent	Mr. Neel John Cerejo (Deputy General Manager)
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	NA
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	CTS no.168/A of village Akurli at Akurli road, Kandivali East Mumbai, State: Maharashtra.
9.Taluka	Borivali
10.Village	Akurli
Correspondence Name:	Mr. Neel John Cerejo (Deputy General Manager)
Room Number:	NA
Floor:	5th floor
Building Name:	Mahindra Towers
Road/Street Name:	Dr. G.M. Bhosale Marg
Locality:	Worli
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	Received Concession document
	IOD/IOA/Concession/Plan Approval Number: CHE/WSII/1232/R/S/337(NEW)
	Approved Built-up Area: 9372.65
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	4,463.50 Sq.mt.
16.Deductions	1,060.59 Sq.mt.
17.Net Plot area	2,892.47 Sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 8338.70 Sq. mt.
	b) Non FSI area (sq. m.): 14390.90 Sq. mt.
	c) Total BUA area (sq. m.): 22729.60
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	1624.27 Sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	56%
21.Estimated cost of the project	625900000

22.Number of buildings & its configuration

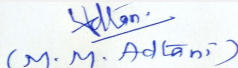
 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 158 of 286	 Shri M.M.Adtani (Chairman SEAC-II)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	1 Building	Ground + 1st to 5th Podia + 6th to 35th Upper Floors	110.85 mt. (up to terrace level)	
23.Number of tenants and shops	Flats: 126 Nos.			
24.Number of expected residents / users	614 Nos.			
25.Tenant density per hectare	436/hector			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.30 mt. wide D P road (Akurli road)			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.50 mt.			
29.Existing structure (s) if any	There was existing structure i.e. Office Building (Ground + 1 floor) on the project site which shall be demolished.			
30.Details of the demolition with disposal (If applicable)	Demolition debris shall be partially recycled and partly 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				

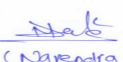

 (Narendra Toke)
Shri Narendra Toke
 (Secretary SEAC-II)

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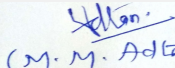

 (M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

Dry season:	Source of water	MCGM							
	Fresh water (CMD):	56							
	Recycled water - Flushing (CMD):	28							
	Recycled water - Gardening (CMD):	5							
	Swimming pool make up (Cum):	2							
	Total Water Requirement (CMD) :	91							
	Fire fighting - Underground water tank(CMD):	250 KL							
	Fire fighting - Overhead water tank(CMD):	50 KL							
	Excess treated water	33							
Wet season:	Source of water	M.C.G.M/RWH							
	Fresh water (CMD):	56							
	Recycled water - Flushing (CMD):	28							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	2							
	Total Water Requirement (CMD) :	86							
	Fire fighting - Underground water tank(CMD):	250 KL							
	Fire fighting - Overhead water tank(CMD):	50 KL							
	Excess treated water	38							
Details of Swimming pool (If any)		Adult Swimming pool Volume - 65 m3 Kids Swimming pool volume - 15 m3							
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:	Between 2.5 mt. to 4.5 mt. below ground surface
	Size and no of RWH tank(s) and Quantity:	2 nos. of rain water harvesting tanks of total capacity 80 KL
	Location of the RWH tank(s):	Below ground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 14.00 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.51 Lacs/annum
	Details of UGT tanks if any :	Location(s) of the UGT tank(s): Below ground
35.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged into the external SWD
	Quantity of storm water:	0.10 m3/sec
	Size of SWD:	150 mm dia with slope 1:150
Sewage and Waste water	Sewage generation in KLD:	73
	STP technology:	MBBR (Moving Bed Bio Reactor)
	Capacity of STP (CMD):	STP of capacity 80 KL
	Location & area of the STP:	Below ground
	Budgetary allocation (Capital cost):	Rs. 43.65 Lacs
	Budgetary allocation (O & M cost):	Rs. 11.79 Lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Demolition debris shall be partially recycled and partly shall be disposed to authorized landfill site with permission of M.C.G.M.
	Disposal of the construction waste debris:	Construction waste shall be partly recycled and remaining shall be disposed to authorized landfill site with permission of M.C.G.M.
Waste generation in the operation Phase:	Dry waste:	166 Kg/day
	Wet waste:	111 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	11 Kg/day
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	To authorized recyclers
	Wet waste:	Treatment in Organic Waste Converters (OWC)
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	As manure
	Others if any:	NA
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	2 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. 1.22 Lacs /annum

37.Effluent Charecterestics

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

38.Hazardous Waste Details

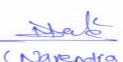
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39.Stacks emission Details

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

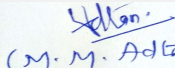
40.Details of Fuel to be used

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 :	685.06 sq.mt.
	No of trees to be cut :	15 Nos.
	Number of trees to be planted :	69 Nos.
	List of proposed native trees :	List of proposed native trees is given below
	Timeline for completion of plantation :	Before occupation

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	11	• Is widely grown as an ornamental plant. • Growth for this tree is best in full sun on well-drained soil; it is relatively drought tolerant and slightly salt tolerant. • It attracts bees and butterflies for pollination.
2	Moringa oleifera	Shevga, Drumstick tree	10	• It is a fast growing, evergreen, deciduous tree. • The bark has a whitish-grey color and is surrounded by thick cork. • It grows best in dry sandy soil and tolerates poor soil, including coastal areas. • Its fruits are edible and used in very recopies of India.
3	Areca catechu	Betel Palm, Supari	20	• It is a medium-sized and palm tree, • The seed contains alkaloids such as arecaidine and arecoline, which, • Used as an interior landscaping species, Nuts are used for chewing.
4	Polyalthia longifolia	Ashok	8	• It is a lofty evergreen tree. • It is commonly planted due to its effectiveness in alleviating noise pollution. • The leaves are larval food plant of the kite swallowtails. • The leaves are use for ornamental decoration and are used in festivals.
5	Michelia champaca	Champa	9	• Medium sized evergreen tree, strongly fragrant yellow flowers used in perfume industry, Butterfly host plant
6	Tabebuia rosea	Trumpet Tree	11	• It is evergreen trees with silvery foliage and deeply furrowed, silvery bark on picturesque, contorted branches and trunk. • It is highly drought tolerance.

45.Total quantity of plants on ground

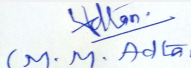
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
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1	NA	NA	NA
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47. Energy

Power requirement:	Source of power supply :	Reliance Energy
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	2349 KW
	During Operation phase (Demand load):	873 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	1 DG set of capacity 500 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- External lighting on solar with LED lamps & timer controlled operation for reducing amount of light at different stages as per requirement.
- Lift load considered on VFD drives & use of regenerative braking
- All water pump motors will be high efficiency motors with IE2 motor with soft starters and with high/low level sensors.
- Use of ventilation fans with IE2 motors
- All pumps in STP will be high efficiency five star rated with level sensors.
- Mainly LED & CFL Lights along with energy efficient and BEE 5 STAR Rated fans/AC will be insisted.
- Provision of solar panels for water heating

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall Energy saving	15%

50. Details of pollution control Systems

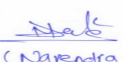
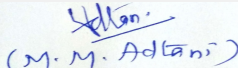
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 5.00 Lacs
	O & M cost:	Rs. 1.20 Lacs/annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

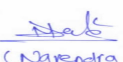
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust Suppression	1.08

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2	Air Environment	Air & Noise Quality Monitoring - On site sensors	12.50
3	Air Environment	Air & Noise Quality Monitoring - By outside MOEF Approved Laboratory	0.55
4	Water Environment	Drinking water analysis	0.15
5	Land Environment	Site Sanitation	5.00
6	Health & Hygiene	Disinfection- Pest Control	6.00
7	Health & Hygiene	Health Check Up of workers	22.5

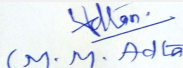
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR ENVIRONMENT	Cost for Ambient Air quality & Noise Monitoring - On site sensors	No set up cost is involved as already considered Construction Phase	0.50
2	AIR ENVIRONMENT	Cost for Ambient Air quality & Noise Monitoring - By outside MoEF & CC Approved Laboratory	*No set up cost is involved	0.11
3	AIR ENVIRONMENT	Cost for DG Stack Exhaust Monitoring - 1 DG stack	*No set up cost is involved	0.02
4	AIR ENVIRONMENT	Cost for Plantation - 1480.97 Sq.mt. of green area on ground and podium	8.15	1.20
5	WATER ENVIRONMENT	Cost for Waste water treatment - Cost for sewage Treatment Plant	25.65	10.76
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	0.03
8	WATER ENVIRONMENT	Cost for Water Conservation (Rain Water Harvesting System) - Cost for RWH tank	8.00	0.40
9	WATER ENVIRONMENT	Cost for Water Conservation (Rain Water Harvesting System) - Cost for treatment unit for rain water tanks	6.00	0.02


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Shri Narendra Toke
(Secretary SEAC-II)

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SEAC-II)

10	WATER ENVIRONMENT	Cost for Water Conservation (Rain Water Harvesting System) - Cost for Rainwater Monitoring	*No set up cost is involved	0.09
11	LAND ENVIRONMENT	Solid Waste Management - Cost for Treatment of biodegradable garbage in OWC	9.00	1.18
12	LAND ENVIRONMENT	Solid Waste Management - Cost for monitoring of organic manure	*No set up cost is involved	0.04
13	ENERGY CONSERVATION	Cost for Energy Conservation - Cost for Solar system	5.00	1.20

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

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

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	One entry and two exits.
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	5 podia (Total Area : 7407.21 Sq.mt.)
	Total Parking area:	5486.20 Sq.mt.
	Area per car:	As per NBC
	Area per car:	As per NBC
	Number of 2-Wheelers as approved by competent authority:	Required - Nil, Provided - 35 Nos.
	Number of 4-Wheelers as approved by competent authority:	Required - 148 Nos. , Provision - 158 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	Minimum 6.00 mt.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Approx.2.00 Km
	Category as per schedule of EIA Notification sheet	Category 8(a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	05-03-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for "Residential Development" at CTS no.168/A of village Akurli at Akurli road ,Kandivali (E), Mumbai by Mr. Neel John Cerejo (Deputy General Manager)

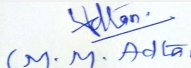
PP had submitted withdrawal request by letter dated 10/07/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC


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

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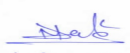
PP had submitted withdrawal request by letter dated 10/07/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

SEAC-AGENDA-00000000438


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Application for Amendment in Environmental Clearance of Proposed Information Technology Park " R Tech Park" on plot bearing CTS No. 586/2, 586/4, 586/6 and 586/7 at Village Pahadi, Goregaon (East), Mumbai, Maharashtra by Romell Real Estate Pvt. Ltd.

Is a Violation Case: Yes

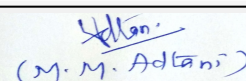
1.Name of Project	Proposed Information Technology Park " R Tech Park" on plot bearing CTS No. 586/2, 586/4, 586/6 and 586/7 at Village Pahadi, Goregaon (East), Mumbai, Maharashtra by Romell Real Estate Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Domnic Romell
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd. , Plot F-7, Road 21, MIDC Wagle Estate, Thane West - 4000604
5.Type of project	Information Technology Park
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in Environment Clearance
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	We have received the Environment Clearance File No. 21-7/2006-IA.III dt.16.10.2006
8.Location of the project	Plot bearing CTS No. 586/2, 586/4, 586/6 and 586/7 at Village Pahadi, Goregaon (East), Mumbai, Maharashtra
9.Taluka	Mumbai
10.Village	Goregaon (East)
Correspondence Name:	Mr. Domnic Romell Tel: 022-26144635 Email: domnic@romellgroup.com
Room Number:	101
Floor:	1st floor
Building Name:	Wing B - Gharkul Co.Op Soc.,
Road/Street Name:	Azad Road
Locality:	Vile Parle (East)
City:	Mumbai - 400057
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	Building I - IOD dated: 08.04.2003, Building II - IOD dated: 25.11.2005 received from Municipal Corporation of Greater Mumbai (MCGM), Received OC of Building I -27.06.2008 & Received OC of Building II dated 08.06.2010 from Municipal Corporation of Greater Mumbai (MCGM) , Concession for Additional I.T. FSI dated: 19.05.2017. IOD/IOA/Concession/Plan Approval Number: Received approval plan dated 21.09.2016 from Municipal Corporation of Greater Mumbai (MCGM) Concession for additional I.T. FSI dated 19.05.2017 Approved Built-up Area: 38237
13.Note on the initiated work (If applicable)	We have started the construction as per the received the Environment Clearance File No. 21-7/2006-IA.III dt.16.10.2006
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Received OC plan dated 08.06.2010 from Municipal Corporation of Greater Mumbai (MCGM) NOC for the additional FSI issued u/n ???/???/??? ??? ???/ ? . ? . ? ?? . ??/???/???/ ? ??? on 24.08.2016
15.Total Plot Area (sq. m.)	17,326 m2
16.Deductions	1,822 m2
17.Net Plot area	15,504 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): FSI Area permissible: 55,930 m2 FSI Area proposed: 43,800 m2 b) Non FSI area (sq. m.): 48,556 m2 c) Total BUA area (sq. m.): 92356


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 135th -Day-2 -Part-2
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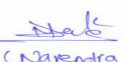
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(M. M. Adtani)

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

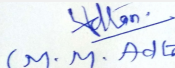
18 (b).Approved Built up area as per DCR		Approved FSI area (sq. m.): 38,237		
		Approved Non FSI area (sq. m.): 48,556		
		Date of Approval: 06-08-2010		
19.Total ground coverage (m2)		5,621 m2		
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		36.25%		
21.Estimated cost of the project		1190000000		
22.Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors		Height of the building (Mtrs)
1	Building I	Stilt + 13 floors		53.55
2	Building II	Ground + 22 floors (Proposed Expansion)		88.25
23.Number of tenants and shops		Not Applicable		
24.Number of expected residents / users		Population of Building I - 2,000 nos. Population of Building II - 2,563 nos. Total population - 4,563 nos.		
25.Tenant density per hectare		Information Technology Park		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		Main road 18 m wide D.P. road & Internal road 12 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		Ground + 17 Floors		
30.Details of the demolition with disposal (If applicable)		Excess debris material generated will be sent to the authorized debris disposal site as per debris management rules		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

Dry season:	Source of water	Municipal Corporation of Greater Mumbai (MCGM)								
	Fresh water (CMD):	138								
	Recycled water - Flushing (CMD):	68								
	Recycled water - Gardening (CMD):	13								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	205								
	Fire fighting - Underground water tank(CMD):	100								
	Fire fighting - Overhead water tank(CMD):	50								
	Excess treated water	0								
Wet season:	Source of water	Municipal Corporation of Greater Mumbai (MCGM)								
	Fresh water (CMD):	138								
	Recycled water - Flushing (CMD):	68								
	Recycled water - Gardening (CMD):	7								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	205								
	Fire fighting - Underground water tank(CMD):	100								
	Fire fighting - Overhead water tank(CMD):	50								
	Excess treated water	7								
Details of Swimming pool (If any)		Not Applicable								
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	


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

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Shri M.M.Adtani (Chairman
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	25 m to 30 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Building I - 2 nos. Building II - 5 nos.
	Size of recharge pits :	Building I - 2 m x 2.5 m x 6 m, Building II - 1.6 m x 1.6 m x 4.3 m
	Budgetary allocation (Capital cost) :	Rs.4 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1 Lakh/year
	Details of UGT tanks if any :	Building No. I Fire fighting UGT tank: 250 m3 Domestic UGT tank + Flushing UGT tank : 200 m3 Building No. II Fire Fighting UGT tank: 200 m3 Domestic UGT tank + Flushing UGT tank: 250 m3
35.Storm water drainage	Natural water drainage pattern:	Along the road side
	Quantity of storm water:	0.97 m3/sec
	Size of SWD:	600 mm x 900 m
Sewage and Waste water	Sewage generation in KLD:	164 m3/day
	STP technology:	Moving bed biofilm reactor (MBBR)
	Capacity of STP (CMD):	2 nos. STP, Building I - STP of capacity 80 m3/day , Building II - STP of capacity 150 m3/day, Total capacity 230 m3/day
	Location & area of the STP:	On ground, Area of Building I STP : 137 m2 Area of Building II STP : 149 m2
	Budgetary allocation (Capital cost):	Rs.25 Lakh
	Budgetary allocation (O & M cost):	Rs.2 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	There is no construction on site
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	Dry waste:	365 kg/day
	Wet waste:	548 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	2 kg/day
	Others if any:	E-waste - 274 kg/year , Inert waste - 64 kg/day
Shri Narendra Toke (Secretary SEAC-II)		SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020
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Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed of to recyclers.
	Wet waste:	Wet garbage will be treated by using Organic waste converter machine
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Dry sludge can be used as manure for plantation & gardening purposes inside the premise.
	Others if any:	E-waste authorized hazardous waste management agencies, Inert waste will be disposed of to recyclers.
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	60 m2
	Area for machinery:	45 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.4 Lakh
	O & M cost:	Rs.1 Lakh/year

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

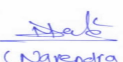
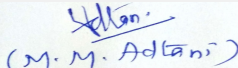
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 :	2,611 m2		
	No of trees to be cut :	Not applicable		
	Number of trees to be planted :	160 nos.		
	List of proposed native trees :	Provided		
	Timeline for completion of plantation :	1 - 2 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	Albizzia sp.	Shirish	5	Flowering tree
2	Acacia auriculiformis	Akashia	10	Ornamental tree
3	Azadirachta indica	Neem	15	Medicinal tree
4	Annona squamosa	Sugar apple	5	Fruit bearing tree
5	Bauhinia variegata	Orchid tree	17	Flowering tree
6	Cassia festula	Golden shower	14	Flowering tree
7	Peltophorum pterocarpum	Copper Pod	10	Flowering tree
8	Chamaedorea elegans	Palm	10	Fruit bearing tree
9	Erythrina indica	Indian coral	6	Medicinal tree
10	Ficus bengalensis	Banyan tree	6	Medicinal tree
11	Ficus religiosa	Peepal tree	7	Medicinal, sacred tree
12	Grewia sp.	Cross berry	15	Flowering tree
13	Leuceana leucocephala	Subabul	15	Used as firewood, fiber, and livestock fodder
14	Morus indica/alba	White mulberry	12	Flowering, fruit bearing tree
15	Mangifera indica	Mango	5	Fruit bearing tree
16	Tamarindus indica	Tamarind	3	Fruit bearing tree
17	Terminelia arjuna	Arjuna/Arjun	5	Medicinal tree
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	Not applicable	Not applicable	Not applicable	
47.Energy				

Power requirement:	Source of power supply :	TATA
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	750 kVA
	During Operation phase (Connected load):	5,320 kVA
	During Operation phase (Demand load):	3,942 kVA
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	10 nos. of DG set of total capacity is 7,500 kVA
	Fuel used:	As per requirement
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

Solar Street lighting in landscape, common area passages: Use of T5 tubes having 2.5 to 3 times life over conventional tubes and hence rate of disposal of tubes will be reduced drastically.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Detail Percentage of Saving	9.4 kVA i.e. 1% of proposed additional load in bldg. no.2

50. Details of pollution control Systems

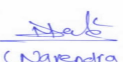
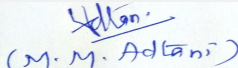
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.42 Lakh
	O & M cost:	Rs.2 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 for dust suppression	pH, Color, Odour, Turbidity, Total Hardness, Metals	20
2	Site sanitation, toilets, safe drinking water, septic tank	PM2.5 & PM10, SO2, NOx	10
3	Environmental Monitoring and Compliance checking	Air, Water, Noise and Soil Monitoring	5

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4	Disinfection	Site sanitation	10
5	Health checkup, first aid	Weekly	5
6	Safety personal protective equipment	Daily	25
7	Storm water management	Operation and Management of Channels	2
8	Vehicle maintenance, washing area, tyre cleaning	Vehicle washing and mechanical maintenance	1

b) Operation Phase (with Break-up):

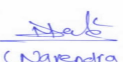
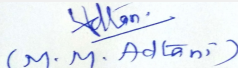
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	2 no. of STP having total capacity 230 m ³ /day	25	2
2	Landscape/Gardening	Total green area 2,611 m ² . Total trees to be planted is 160 nos.	5	1
3	Solid Waste	1 no. of OWC	4	1
4	Rain Water Harvesting and Storm water management (Recharge pits & Tanks)	Total recharge pits 7 nos. - Building I - 2 nos. Building II - 5 nos., Size - Building I - 2 m x 2.5 m x 6 m Building II - 1.6 m x 1.6 m x 4.3 m	4	1
5	Fire Fighting Management	Fire fighting equipments - sprinklers, sand bucket, fire alarm, hose box, fire hydrant etc.	150	15
6	Plumbing	Maintenance	226	23
7	Energy Conservation	Use of T5 tubes having 2.5 to 3 times life over conventional tubes and hence rate of disposal of tubes will be reduced drastically.	42	2

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

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

52.Any Other Information

No Information Available

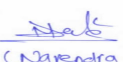
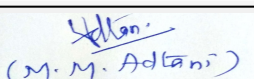
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53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 Nos. of junction main road having width 18 m
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	30,776 m ²
	Area per car:	36 m ²
	Area per car:	36 m ²
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	833 nos.
	Public Transport:	Not applicable
	Width of all Internal roads (m):	9 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(a) B2 Category
	Court cases pending if any	Not applicable
	Other Relevant Informations	We have received the Environment Clearance from Government of Maharashtra having file No. 21-7/2006-IA.III dated 16.10.2006. We are now applying for the expansion & violation for the above mentioned project. Our violation is nature of change in product mix of the 2,125 m² area that is already constructed as service floor and all around extensions of 3,453 m² which were earlier permitted but later were required to be counted as FSI area.
	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.

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 177 of 286	 Shri M.M. Adtani (Chairman SEAC-II)
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Brief information of the project by SEAC

Environment Clearance for Application for Amendment in Environmental Clearance of Proposed Information Technology Park “ R Tech Park” on plot bearing CTS No. 586/2, 586/4, 586/6 and 586/7 at Village Pahadi, Goregaon (East), Mumbai, Maharashtra by Romell Real Estate Pvt. Ltd.

PP had submitted withdrawal request by letter dated 24/09/2018, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 24/09/2018, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

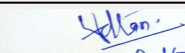
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(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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(M. M. Adtani)

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

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Expansion of SRA project

Is a Violation Case: No

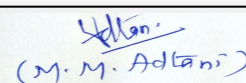
1.Name of Project	Proposed SRA project Mulund Ashirwad CHS Ltd. and Mulund Siddhart Nagar CHS Ltd.on plot bearing CTS No. 755 (pt.) at village Mulund, R.P. road, Mulund (West), Mumbai.
2.Type of institution	Private
3.Name of Project Proponent	Riddhi Siddhi Corporation
4.Name of Consultant	Enviro Analysts and Engineers Pvt. Ltd.
5.Type of project	SRA scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Expansion project. Prior EC obtained (SEAC-2013/CR-340/TC-I)
8.Location of the project	Plot bearing CTS no. 755 (pt.) of village Mulund at R.P. Road, Mulund (W), Mumbai
9.Taluka	Kurla
10.Village	Mulund
Correspondence Name:	Riddhi Siddhi Corporation
Room Number:	1/3
Floor:	-
Building Name:	Krishnai Unnat Nagar no. 1
Road/Street Name:	M. G. Road
Locality:	Near Gajanan Temple
City:	Goregaon (West)
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	IOA under Sub regulation 2.3 of Appendix-IV of D.C.R. No. 33(10) Dt. 15.10.97 for Brihanmumbai. IOD/IOA/Concession/Plan Approval Number: IOA for Rehab 1 wide letter no SRA/ENG/2649/T/MHL/AP Dated 17 Oct 2017, IOA for Rehab 2 wide letter no SRA/ENG/3109/T/MHL/AP Dated 17 Oct 2017, IOA for sale building wide letter no SRA/ENG/3251/T/MHL/AP Dated 17 Oct 2017, Approved Built-up Area: 30331.095
13.Note on the initiated work (If applicable)	constructed area on site is 23736.96 Sq m. as per earlier EC.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI from Slum Rehabilitation Authority. No.: SRA/ENG/1653/T/MHL/LOI dated: 14/02/2017
15.Total Plot Area (sq. m.)	7860.00 sq. m
16.Deductions	1295.07 sq. m
17.Net Plot area	6564.93 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 39712.41
	b) Non FSI area (sq. m.): 60242.28
	c) Total BUA area (sq. m.): 99954.69
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 30331.095
	Approved Non FSI area (sq. m.): -
	Date of Approval: 14-02-2017
19.Total ground coverage (m2)	2321.50
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	50.23 %
21.Estimated cost of the project	3265000000


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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22.Number of buildings & its configuration

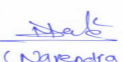
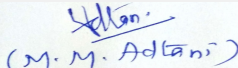
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab building 1	Basement + Gr+ 24	69.90
2	Rehab building 2	Basement + Gr + 23 (pt)	67.41
3	Sale building (Wing A to F)	Basement + Stilt + 23	69.90

23.Number of tenants and shops	Tenements: 1174 Shops: 10
24.Number of expected residents / users	6580
25.Tenant density per hectare	1494 / Hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	9m wide Gaikwad Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 m
29.Existing structure (s) if any	Constructed area on site is 23736.96 Sq m as per earlier EC
30.Details of the demolition with disposal (If applicable)	Existing slums were demolished; suitable demolition waste used for land-filling at site and the rest disposed at 'Kanjur Dumping Ground' as per Debris Management Plan.

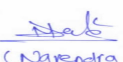
31.Production Details

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

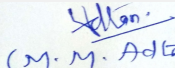
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Dry season:	Source of water	MCGM							
	Fresh water (CMD):	542							
	Recycled water - Flushing (CMD):	275							
	Recycled water - Gardening (CMD):	7							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	824							
	Fire fighting - Underground water tank(CMD):	700							
	Fire fighting - Overhead water tank(CMD):	360							
	Excess treated water	380							
Wet season:	Source of water	MCGM+RWH							
	Fresh water (CMD):	542							
	Recycled water - Flushing (CMD):	275							
	Recycled water - Gardening (CMD):	-							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	817							
	Fire fighting - Underground water tank(CMD):	700							
	Fire fighting - Overhead water tank(CMD):	360							
	Excess treated water	387							
Details of Swimming pool (If any)	-								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	1.5 m below Ground Level
	Size and no of RWH tank(s) and Quantity:	RWH Tank Nos:3, Total Capacity: 275 m3
	Location of the RWH tank(s):	Below Ground Level
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	21 Lacs
	Budgetary allocation (O & M cost) :	1 Lacs/year
	Details of UGT tanks if any :	Domestic water tank, Flushing tank, RWH tank, Fire fighting tanks are provided underground
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	Rehab 1: 65.95 lps, Rehab 2: 65.95 lps, and for Sale building: 167.31 lps
	Size of SWD:	450mm X 450mm, 450mm X 450mm, 450mm X 600mm
Sewage and Waste water	Sewage generation in KLD:	735
	STP technology:	MBBR
	Capacity of STP (CMD):	No of STPs : 2 Capacity of STP : 300 KLD and 410 KLD
	Location & area of the STP:	Location : Underground
	Budgetary allocation (Capital cost):	80 Lacs
	Budgetary allocation (O & M cost):	13 Lacs/ Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1416 cum excavation is done for basement during construction phase.
	Disposal of the construction waste debris:	Excavated waste is used for the earth filling area between rail line and NH-348A.
Waste generation in the operation Phase:	Dry waste:	1184 kg/day
	Wet waste:	1775 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	35 m3
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	Will be handed over to Local Recyclers for recycling.
	Wet waste:	Will be processed in the OWC and the manure so obtained shall be used for landscaping /gardening.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be treated in OWC with wet waste and used as manure
	Others if any:	NA
Area requirement:	Location(s):	Basement
	Area for the storage of waste & other material:	98 Sq m
	Area for machinery:	3.0 Sq m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	15 Lacs
	O & M cost:	3.7 Lacs/ Year

37. Effluent Characteristics

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

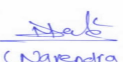
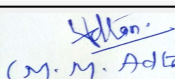
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 :	1468.67 sq. m		
	No of trees to be cut :	Nil		
	Number of trees to be planted :	152 Nos		
	List of proposed native trees :	Shirish, Neem, Maharukh, Nandruk, Karanj, Satwin, Sita Ashok, Katesavar, Kadamb, Bahava		
	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	Albizia lebbeck	Shirish	10	-
2	Azadiracta indica	Neem	7	-
3	Ailanthus excelsa	Maharukh	13	-
4	Ficus retusa	Nandruk	17	-
5	Pongamia pinnata	Karanj	15	-
6	Alstonia scholaris	Satwin	15	-
7	Saraca asoka	Sita Ashok	28	-
8	Bombax ceiba	Katesavar	15	-
9	Anthocephallus cadamba	Kadamb	12	-
10	Cassia fistula	Bahava	20	-
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 :	M.S.E.D.C.L.
	During Construction Phase: (Demand Load)	-
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	2884 kW
	During Operation phase (Demand load):	1929 kW
	Transformer:	-
	DG set as Power back-up during operation phase:	-
	Fuel used:	-
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

CFL Lights
T5 Fitting
LED Lights
Timer for External lighting

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall Energy Savings	18.48 %

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:	25 Lacs
	O & M cost:	1 Lacs/Year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

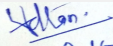
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water	Water for Dust Suppression	0.5
2	Site Sanitation & Safety	Site Sanitation & Safety	3.36
3	Environmental Monitoring	For Air, Noise and Water	0.75
4	Disinfection	Disinfection	1.80


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5	Health Check up	Health Check up	1.68	
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	Rain Water Harvesting	21	1
2	Solid Waste Management	Solid Waste Management	15	3.7
3	Sewage Treatment Plant	Sewage Treatment Plant	80	13
4	Energy	Energy	25	1
5	landscaping	Landscaping	8	1

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

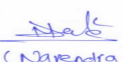
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

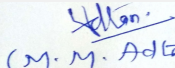
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	4 nos
Parking details:	Number and area of basement:	1 Basement, Area: 2929.33 Sq .m
	Number and area of podia:	-
	Total Parking area:	3082.33 Sq m
	Area per car:	27.04 Sq m
	Area per car:	27.04 Sq m
	Number of 2-Wheelers as approved by competent authority:	15
	Number of 4-Wheelers as approved by competent authority:	114
	Public Transport:	NA
	Width of all Internal roads (m):	6 m


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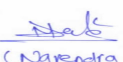
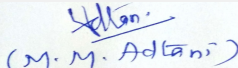

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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	2 Km Sanjay Gandhi National Park.
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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Environment Clearance for Expansion of SRA project Mulund Ashirwad CHS Ltd. and Mulund Siddhart Nagar CHS Ltd. on plot bearing CTS No. 755 (pt.) at village Mulund, R.P. road, Mulund (West), Mumbai by Riddhi Siddhi Corporation.

PP had submitted withdrawal request by letter dated 17/12/2018, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 17/12/2018, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

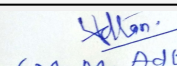
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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Expansion of Proposed Amalgamation of SRA Scheme 33(11) On Property bearing C.T.S No. 401, 402, 415 to 438 & 395,396,397,398. of Village Bandra,H ward, S.V.Road,Santacruz (w),Mumbai by M/s Sumer Buildcorp Pvt Ltd

Is a Violation Case: No

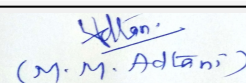
1.Name of Project	Expansion of Proposed Amalgamation of SRA Scheme 33(11) by M/s Sumer Buildcorp Pvt Ltd
2.Type of institution	Private
3.Name of Project Proponent	M/s Sumer Buildcorp Pvt Ltd.
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	SRA Scheme 33(11)
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received vide letter no.SEAC 2013/CR-124/TC-2 dated 14.05.2013 for construction area 1,15,610.18 sqm
8.Location of the project	Property bearing C.T.S No. 401, 402, 415 to 438 & 395,396,397,398. of Village Bandra,H ward, S.V.Road,Santacruz (w),Mumbai
9.Taluka	Santacruz
10.Village	Santacruz
Correspondence Name:	M/s. Sumer Buildcorp Pvt Ltd
Room Number:	203
Floor:	203, A Wing
Building Name:	Peninsula Corporate Park
Road/Street Name:	Ganpatrao Kadam Marg
Locality:	Lower Parel
City:	Mumbai
11.Whether in Corporation / Municipal / other area	(MCGM) Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	IOA received form SRA IOD/IOA/Concession/Plan Approval Number: IOA received vide letter no. SRA/DDTP/666/HW/PL/AP dated 22.05.2017 Approved Built-up Area: 169207.74
13.Note on the initiated work (If applicable)	16,550.00 sqm of total construction area is constructed on site.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI received from SRA vide letter no. SRA/DDTP/220/HW/PL/LOI dated 09.05.2017 ,CC Received dated 22.05.2017 ,Consent to Establish Received dated 23.08.2013, Civil Aviation Received dated 03.02.2016, CFO NOC Received dated 24.10.2016, SWD remarks Received dated 02.04.2013 ,HE NOC Received dated 28.06.2016 ,Traffic NOC Received dated 06.06.2012 Tree NOC Received dated 13.07.2016
15.Total Plot Area (sq. m.)	26099.4 sqm
16.Deductions	Deductions 1404.91 sqm (Road Setback Area/Existing Road Area= 714.24 sqm R.G. Reservations Area = 690.67 sqm)
17.Net Plot area	24694.49 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1,40,936.76 b) Non FSI area (sq. m.): 1,26,548.80 c) Total BUA area (sq. m.): 267485.56
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 49,933.13 Approved Non FSI area (sq. m.): 1,19,274.61 Date of Approval: 22-05-2017
19.Total ground coverage (m2)	8750.75


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20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		33.52%	
21.Estimated cost of the project		9950000000	
22.Number of buildings & its configuration			
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Comp.Bldg1 (Wing-A)-club House	(6 level of Mechanical Parking+ Gr. Flr+ 8 Upper.Flr) + Residential(13th To 20th Flr.)	64.64 m
2	Comp.Bldg1(wing B&C)	4 Basement + Gr.Flr + 1st To 9th Floors (PTC) + 10th Floor To 20th(sale)	64.64 m
3	Comp.Bldg 2	4 Basement + Gr.Flr + 1st To 6th Floors (PTC) + 7th To 19th Floors(sale)	64.64 m
4	Comp.Bldg 3	4 Basement + Gr.Flr + 1st To 6th Floors (PTC) + 7th To 19th Floors(sale)	64.64 m
5	Comp.Bldg 4	4 Basement + Gr.Flr + 1st To 6th floors (PTC) + 7th To 18th Floors (sale)	64.64 m
6	Comp.Bldg 5A	4 Basement + Gr.Flr + 1st To 18th(sale)	64.64 m
7	Comp.Bldg 5B	4 Basement + Gr.Flr + 1st To 18th(sale)	64.64 m
23.Number of tenants and shops		PTC-Residential- 952 nos Amenity- 39 nos Sale- 419 nos Total - 1410 nos	
24.Number of expected residents / users		PTC-1904 nos Sale-4343 nos total- 6247 nos	
25.Tenant density per hectare		527 Tenants/hector	
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		Access from 27.45 M. Wide Swami Vivekanand Road & 18.30 M. Wide Hasanabad Road No. 2	
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.00 m wide Turning Radius	
29.Existing structure (s) if any		Only 4 nos of G/St.+2 buildings on the amalgamated plot is to be demolished	
30.Details of the demolition with disposal (If applicable)		Demolition will be done as per the Debris management plan and following the C& D rule 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

Dry season:	Source of water	MCGM / treated water from STP							
	Fresh water (CMD):	PTC-171 KLD Sale- 319 KLD total - 490 KLD							
	Recycled water - Flushing (CMD):	PTC-86 KLD Sale-157 KLD total- 243 KLD							
	Recycled water - Gardening (CMD):	27 KLD							
	Swimming pool make up (Cum):	49 KLD							
	Total Water Requirement (CMD) :	760 KLD							
	Fire fighting - Underground water tank(CMD):	800 cum							
	Fire fighting - Overhead water tank(CMD):	225 cum							
	Excess treated water	301 KLD							
Wet season:	Source of water	MCGM/RWH/ treated water from STP							
	Fresh water (CMD):	PTC-171 KLD Sale- 319 KLD total - 490 KLD							
	Recycled water - Flushing (CMD):	PTC-86 KLD Sale-157 KLD total- 243 KLD							
	Recycled water - Gardening (CMD):	0 KLD							
	Swimming pool make up (Cum):	49 KLD							
	Total Water Requirement (CMD) :	733 KLD							
	Fire fighting - Underground water tank(CMD):	800 cum							
	Fire fighting - Overhead water tank(CMD):	225 cum							
	Excess treated water	328 KLD							
Details of Swimming pool (If any)		Lap pool of Size 49.81 X 10.82 X 1.76 M							

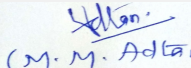
33. Details of Total water consumed

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


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3.65m to 6.0 m BLG
	Size and no of RWH tank(s) and Quantity:	Comp.Bldg1(wing A) = 50 cum Comp.Bldg1(wing B & C) = 55 cum Comp.Bldg 2 = 55 cum Comp.Bldg 3 = 55 cum Comp.Bldg 4 = 45 cum Comp.Bldg 5 =42 cum Total-302 cum (2 day holding Capacity)
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Rs 30.20 lakhs
	Budgetary allocation (O & M cost) :	Rs 1.50 lakhs
	Details of UGT tanks if any :	Domestic -524 cum Flushing -254 cum Fire=800 cum RWH- 302 cum Location - basement
35.Storm water drainage	Natural water drainage pattern:	From east to west
	Quantity of storm water:	1.45 m3/sec
	Size of SWD:	0.60 m x 1.79 m
Sewage and Waste water	Sewage generation in KLD:	635 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	5 STP of cumulative capacity of 640 KLD
	Location & area of the STP:	At Basement level
	Budgetary allocation (Capital cost):	Rs 133.00 lakhs
	Budgetary allocation (O & M cost):	Rs 20.00 lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated material, Cement Bags , Paint container (@20L), Scrap metal generated, Broken Tiles
	Disposal of the construction waste debris:	Excavated material Shall be used entirely on site for backfilling and for internal roads. Excess shall be disposed to authorized landfills Cement Bags Empty bags to be handed over to recycler. Paint container (@20L) To be handed over to recycler. Scrap metal generated Entirely to be sold for recycling Broken Tiles Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces
Waste generation in the operation Phase:	Dry waste:	PTC- 381 Kg/day sale- 855 kg/day total- 1236 kg/day
	Wet waste:	PTC- 571 Kg/day sale- 1172 kg/day total-1743 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	30 Kg/day
	Others if any:	E- waste will be handed over to authorized ECMPCB dealers

Mode of Disposal of waste:	Dry waste:	To be hand over to Local Recyclers for recycling
	Wet waste:	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	E- waste will be handed over to authorized ECMPCB dealers
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	100 sqm
	Area for machinery:	3.00 sqm for each machine
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 30.00 lakhs
	O & M cost:	Rs 6.00 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
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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	Total RG Required- 1975.55 sqm (8%) Total RG area proposed - 1975.55 sqm (8%) DP reservation- 690.67 sqm		
	No of trees to be cut :	Cutting -71 nos Transplant -170 nos as per Tree NOC		
	Number of trees to be planted :	482 nos		
	List of proposed native trees :	Same as below		
	Timeline for completion of plantation :	By the end of construction phase		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Careya arborea	Kumbha	47	Deciduous and spectacular flowering
2	Butea monosperma	Flame-of-the-forest	52	Deciduous and spectacular flowering
3	Ficus Glomerata	Umbar	34	Evergreen and showy foliage
4	Cassia fistula	Amaltas, Golden shower tree	54	Deciduous and spectacular flowering
5	Azadirecta Indica	Neem	35	Medicinal properties
6	Cocos Nucifera	Coconut	12	Fruit bearing
7	Plumeric alba	Chafa	20	Shadey
8	Saraca Indica	Sita Ashok	50	Evergreen and spectacular flowering
9	Terminalia arjuna	Arjun tree	51	Evergreen and showy foliage and bark
10	Anthocephalns cadamba	Kadamb	56	Deciduous and showy foliage
11	Phallantus umblica	Avala	34	Fruit bearing
12	Lagertronea tharlli	Taman	37	Ornamental
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
47.Energy				

Power requirement:	Source of power supply :	TATA/ Adani Power
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	200 kVA
	During Operation phase (Connected load):	13057 kW
	During Operation phase (Demand load):	6913 kW
	Transformer:	1600 kVA-2 No. 1000 kVA-3 No. 1250 kVA-2 No .1500 kVA-1 No.
	DG set as Power back-up during operation phase:	2 x 1600 kVA, 1 x 500 kVA, 4 x 380 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Landscape Lighting (LED Lighting instead of Normal)
 Basements, Stilt floors, Podium floor, lobby area (T5 instead of T8 & LED instead of CFL)
 VFD's on Lifts
 External Lighting (Solar as well LED instead of Metal Halide)

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall savings	16%

50. Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 85.00 lakhs
	O & M cost:	Rs 5.00 lakhs

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

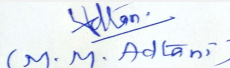
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development	20.00
2	Noise Environment	Noise Baricades and Green Belt	10.00
3	Water Environment	Modular STP , Drainage with sedimentation tanks	6.00


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4	Good Health Practices	Site Sanitation & Health Care	4.00
5	Environment Monitoring	Air,water,noise soil monitoring during construction phase	1.50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH tanks	30.20	1.50
2	Solid waste management	OWC	30.00	6.00
3	Wastewater management	STP	133.00	20.00
4	Energy savings	Solar & LED	85.00	5.00
5	Green belt	Landscaping	90.00	18.00

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

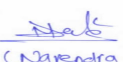
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

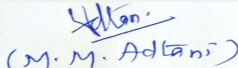
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Access from 27.45 M. Wide Swami Vivekanand Road & 18.30 M. Wide Hasanabad Road No. 2 (5 nos of entry /exit)
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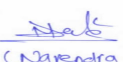
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Parking details:	Number and area of basement:	4 no's (88462.28 sqm)
	Number and area of podia:	nil
	Total Parking area:	88462.28 sqm
	Area per car:	35.15 qm
	Area per car:	35.15 qm
	Number of 2-Wheelers as approved by competent authority:	464 nos.
	Number of 4-Wheelers as approved by competent authority:	1856 nos.
	Public Transport:	Not applicable
	Width of all Internal roads (m):	all internal driveways minimum 6.00 m wide
	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(b) B1
	Court cases pending if any	Not applicable
	Other Relevant Informations	The project has received ToR in 61st SEAC II meeting.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

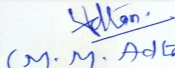
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

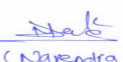

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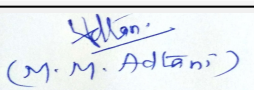

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Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
Environment Clearance for Expansion of Proposed Amalgamation of SRA Scheme 33(11) On Property bearing C.T.S No. 401, 402, 415 to 438 & 395,396,397,398. of Village Bandra,H ward, S.V.Road,Santacruz (w),Mumbai by M/s Sumer Buildcorp Pvt Ltd.	
PP had submitted withdrawal request by letter dated 09/05/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
DECISION OF SEAC	
PP had submitted withdrawal request by letter dated 09/05/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEAC decision above.	


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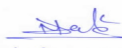
135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Environmental clearance for expansion of proposed residential project with commercial/ shop line.

Is a Violation Case: No

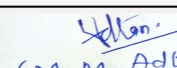
1.Name of Project	Paramount
2.Type of institution	Private
3.Name of Project Proponent	m/s. Ananta Landmark Pvt. Ltd.
4.Name of Consultant	M/s. Enviro Analyst & Engineers Pvt. Ltd.
5.Type of project	Residential project with commercial/ shop line.
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Previous EC received vide letter No. SEAC-2010/CR- 672/TC-II dated. 25 March 2014
8.Location of the project	PROPOSED DEVELOPMENT ON PLOT BEARING S.NO. 113/1(Pt.), 113/2B, 113/3, 113/4, 113/5, 113/6, 113/7, 113/8, 113/9/2, 113/10, 113/11, 113/12(Pt.), 113/13, 113/14, 113/16A, 113/16B, 113/17A, 13/19B/1, 114/1/B, 114/2/B, 114/3, 114/4, 114/5, 114/6, 114/7, 114/8, 114/9A, 114/10A, 114/10C, 115/4/2, 115/5, 115/6, 115/7/2, 115/8/2, 115/9, 115/10/2, 115/11, 115/12, 115/13, 115/14, 115/15 AT VILLAGE MAJIWADE, THANE.
9.Taluka	Thane
10.Village	Majiwada & Balkum
Correspondence Name:	Mr. Narendra Lodha
Room Number:	101
Floor:	10th Floor
Building Name:	Kalpataru Synergy
Road/Street Name:	Opp. Grand Hyatt
Locality:	Vakola, Santacruz (E)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Thane Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Building permission obtained from Thane Municipal Corporation IOD/IOA/Concession/Plan Approval Number: Building permission obtained vide Letter No. Old/88/381/TMC/ TPD/2257/17 dated 26/7/17 Approved Built-up Area: 92303.44
13.Note on the initiated work (If applicable)	-
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	33,730.00 sq. mt.
16.Deductions	11,890.00 sq. mt.
17.Net Plot area	21,840.00 sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 60,302.00 sq. mt. b) Non FSI area (sq. m.): 89,721.23 sq. mt. c) Total BUA area (sq. m.): 150023.60
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 29,686.39sq. mt. Approved Non FSI area (sq. m.): 73007.423 sq. mt. Date of Approval: 14-04-2018
19.Total ground coverage (m2)	12,995.85
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	59.5 %


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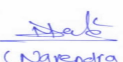
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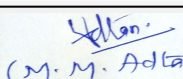
21.Estimated cost of the project		6214200000		
22.Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	T1	2B + 1B + Gr/ commrcial + 1P + 2P + 3P/ Stilt + 33 upper floors	116.40	
2	T2	2B + 1B + Gr/ commrcial + 1P + 2P + 3P/ Stilt + 33 upper floors	116.40	
3	T3	2B + 1B + Gr/ commrcial + 1P + 2P + 3P/ Stilt + 33 upper floors	116.40	
4	T4	2B + 1B + Gr/ commrcial + 1P + 2P + 3P/ Stilt + 33 upper floors	116.40	
5	T5	2B + 1B + Gr/ commrcial + 1P + 2P + 3P/ Stilt + 32 upper floors	113.40	
23.Number of tenants and shops		936 Residential tenements and 9 shops		
24.Number of expected residents / users		4717 nos.		
25.Tenant density per hectare		-		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		60.0 mt. wide road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		6.0 mt.		
29.Existing structure (s) if any		NA		
30.Details of the demolition with disposal (If applicable)		NA		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

Dry season:	Source of water	TMC/ Recycled water								
	Fresh water (CMD):	424 KLD								
	Recycled water - Flushing (CMD):	215 KLD								
	Recycled water - Gardening (CMD):	44 KLD								
	Swimming pool make up (Cum):	5 KL								
	Total Water Requirement (CMD) :	683 KLD								
	Fire fighting - Underground water tank(CMD):	500 Cu. m.								
	Fire fighting - Overhead water tank(CMD):	150 Cu. m.								
	Excess treated water	239 KLD								
Wet season:	Source of water	TMC/ Recycled water								
	Fresh water (CMD):	424 KLD								
	Recycled water - Flushing (CMD):	215 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	639 KLD								
	Fire fighting - Underground water tank(CMD):	500 Cu. m.								
	Fire fighting - Overhead water tank(CMD):	150 Cu. m.								
	Excess treated water	283 KLD								
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:	Below 5.0 mt.
	Size and no of RWH tank(s) and Quantity:	-
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	17 no. of recharge pits
	Size of recharge pits :	17 no. of recharge pits
	Budgetary allocation (Capital cost) :	59.50 lakhs
	Budgetary allocation (O & M cost) :	0.85 lakh/ year
	Details of UGT tanks if any :	Fire tank of 500 Cu. m. provided
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	Max discharge capacity at outlet = 0.24 Cu.m/ sec.
	Size of SWD:	Avarage width - 600 mm & avarage depth - 600 mm
Sewage and Waste water	Sewage generation in KLD:	554 KLD
	STP technology:	Attached growth process
	Capacity of STP (CMD):	600 KLD
	Location & area of the STP:	On ground
	Budgetary allocation (Capital cost):	69.00 lakhs
	Budgetary allocation (O & M cost):	7.20 lakhs/ year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated material to be partly used on site for backfilling and leveling and excess to be disposed off through vendors
	Disposal of the construction waste debris:	Construction waste generated on site shall be reused to maximum extent possible and excess shall be disposed off by vendors
Waste generation in the operation Phase:	Dry waste:	940 Kg/ day
	Wet waste:	1407 Kg/ day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	60 Kg/ day
	Others if any:	-

Mode of Disposal of waste:	Dry waste:	Will be handed over to local recyclers.
	Wet waste:	Will be processed in OWC.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as manure.
	Others if any:	-
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	130.0 sq. mt. including machinery and storage
	Area for machinery:	130.0 sq. mt. including machinery and storage
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	22.0 lakhs
	O & M cost:	4.50 lakhs/ day

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

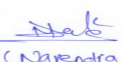
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

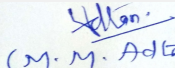
40.Details of Fuel to be used

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 :	5,460.00 sq. mt.		
	No of trees to be cut :	63 no.		
	Number of trees to be planted :	273 no.		
	List of proposed native trees :	-		
	Timeline for completion of plantation :	At the time of completion of the project		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	-	-	-	-
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)	150 KW (estimated)		
	DG set as Power back-up during construction phase	-		
	During Operation phase (Connected load):	6290 Kw		
	During Operation phase (Demand load):	2759 Kw		
	Transformer:	Will be as per electrical energy supplier's requirement		
	DG set as Power back-up during operation phase:	2 No. of 625 KVA each		
	Fuel used:	Diesel		
	Details of high tension line passing through the plot if any:	Process of laying under ground		
48.Energy saving by non-conventional method:				

- Energy efficient LED, T5 tube light that gives more light output for the same watts consumed and therefore require less nos. of fixtures.
- Equipment efficiency standard power factor will be maintained between 0.95 and unity for major equipment like Lift, STP etc. This will reduce electrical power distribution losses in the installation.
- Timer based lighting for parking areas.
- Motion Sensor and timers in staircases. Use of VFD drives in lifts.
- Maximum use of natural ventilation and light.
- Recommending the benefits of adopting BEE star rated electrical appliances to the customers to increase energy savings.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	As above	16 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	16.0 lakhs
	O & M cost:	0.48 Lakhs/ year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

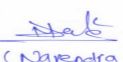
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	water sprinkling	3.00
2	Environmental Monitoring	environmental monitoring	1.50
3	Health check up	Health check up	1.20
4	Site sanitation	Site sanitation	0.60
5	Disinfection	Disinfection	1.20

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	RWH	-	59.50	0.85
2	Solid waste management	-	22.00	5.50
3	STP	-	69.00	7.20
4	Landscaping	-	105.79	4.23
5	Energy Conservation	-	16.00	0.48

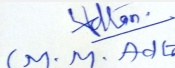
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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(Secretary SEAC-II)

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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 is accessible through 60.0 mt. wide road					
Parking details:	Number and area of basement:	2 basements					
	Number and area of podia:	3 no. of podiums					
	Total Parking area:	34,735.37 sq. mt.					
	Area per car:	30.79 sq.mt.					
	Area per car:	30.79 sq.mt.					
	Number of 2-Wheelers as approved by competent authority:	1249					
	Number of 4-Wheelers as approved by competent authority:	1190					
	Public Transport:	-					
	Width of all Internal roads (m):	Min. 6.0 mt.					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	2.85 Km					
	Category as per schedule of EIA Notification sheet	8(a), Catagory B					
	Court cases pending if any	NA					
	Other Relevant Informations	NA					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS							

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

Environment Clearance for expansion of proposed residential project with commercial/ shop line at S.NO. 113/1(Pt.), 113/2B, 113/3, 113/4, 113/5, 113/6, 113/7, 113/8, 113/9/2, 113/10, 113/11, 113/12(Pt.), 113/13, 113/14, 113/16A, 113/16B, 113/17A, 13/19B/1, 114/1/B, 114/2/B, 114/3, 114/4, 114/5, 114/6, 114/7, 114/8, 114/9A, 114/10A, 114/10C, 115/4/2, 115/5, 115/6, 115/7/2, 115/8/2, 115/9, 115/10/2, 115/11, 115/12, 115/13, 115/14, 115/15 Village Majiwade ,Thane by m/s. Ananta Landmark Pvt. Ltd.

PP had submitted withdrawal request by letter dated 22/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 22/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

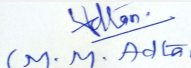
FINAL RECOMMENDATION

Kindly find SEAC decision above.


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

SEAC Meeting No: 135th -Day-2 -Part-2
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(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Expansion and Amendment in Environment Clearance for Integrated Township Project at village Usarghar and Sandap, Dist- Thane

Is a Violation Case: No

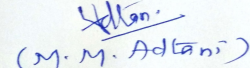
1.Name of Project	Integrated Township Project
2.Type of institution	Private
3.Name of Project Proponent	M/s. Horizon Projects Pvt. Ltd.
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	Township Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion and Amendment in EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Received Environmental Clearance vide No. SEAC-2013/CR-419/TC-1 dated 13.02.2017
8.Location of the project	Village - Usarghar, S. no. 17/1, 17/2, 17/3/A, 17/3/B, 17/4, 17/5, 36/1/A, 36/1/B, 37/1, 37/2, 38/1, 38/2, 38/3, 38/4, 70/9, 70/10, 70/11, 71/1, 71/2, 71/3, 71/4, 71/8, 91/1, 91/2, 91/3, 91/4, 91/5, 92/1, 92/2, 93P, 103/2, 103/6/A, 103/6/B, 103/7, 103/8, 103/9, 103/10, 103/11, 103/12, 103/13, 103/14/B, 103/15, 103/16, 103/17, 103/18, 107/1, 107/2/A, 107/2/B, 107/3, 107/4, 107/5, 107/6, 107/7, 107/8, 107/9, 107/10, 107/11, 107/12, 107/13, 107/14, 107/15, 107/16, 107/17, 107/18, 107/19, 107/20, 108/1, 108/2, 108/3, 109P, 134/1, 134/2, Village-Sandap, S. No. 2, 21P, Taluka -Kalyan, Dist- Thane in Proposed Growth Center of Kalyan
9.Taluka	Kalyan
10.Village	Usarghar and Sandap
Correspondence Name:	M/s. Horizon Projects Pvt. Ltd.
Room Number:	--
Floor:	5th floor
Building Name:	Runwal & Omkar Esquare
Road/Street Name:	Off Eastern Express Highway
Locality:	Opp. Sion (E), Mumbai - 400 055
City:	Sion, Mumbai - 400 055
11.Whether in Corporation / Municipal / other area	Special Planning Authority: Mumbai Metropolitan Region Development Authority (MMRDA) Municipal Corporation: Kalyan Dombivali Municipal Corporation (K.D.M.C.)
12.IOD/IOA/Concession/Plan Approval Number	Received Layout approval (No. SROT/Growth Centre/2401/BP/ITP- Layout/Usarghar - Sandap-01/670/2018) dated 23.04.2018 IOD/IOA/Concession/Plan Approval Number: Received Layout approval (No. SROT/Growth Centre/2401/BP/ITP- Layout/Usarghar - Sandap-01/670/2018) dated 23.04.2018 Approved Built-up Area: 843853.59
13.Note on the initiated work (If applicable)	Received Environmental Clearance from SEIAA (dated 13th February, 2017) vide no. SEAC-2013/C.R.419/TC-1 Received Consent to Establish from MPCB dated 12.09.2018 Total constructed work (FSI+ Non FSI): 48048.13 Sq. mt.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Received Locational Clearance (LC) from Urban Development Department, Govt. of Maharashtra on date 21.08.2017 ; Received Letter of Intent (LOI) from MMRDA on date 23.04.2018
15.Total Plot Area (sq. m.)	Area as per 7/12 extract: 5, 36,430.00 Sq. mt. , Area as per proposed Subdivision: 4, 96,153.00 Sq. mt. , Area of plot as per triangulation: 4,97,543.27 Sq. mt.
16.Deductions	31,732.28 Sq. mt.
17.Net Plot area	4,64,420.72 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 8,43,853.91 (Including Social Housing Component) b) Non FSI area (sq. m.): 4,99,491.13 c) Total BUA area (sq. m.): 1343345.04
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 8, 43,853.95 (Including Social Housing Component) Approved Non FSI area (sq. m.): Details shall be submitted Date of Approval: 23-04-2018


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

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(M. M. Adtani)

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

19.Total ground coverage (m2)	1,39,900 Sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	30.12 % (On Net Plot area)
21.Estimated cost of the project	53962100000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Phase 1	--	--
2	Residential: Sale 12 Buildings	Lower Stilt + Upper Stilt + 2 level podia + 1st to 23rd Floors	77.60
3	Residential: Sale 17 Buildings	Lower Stilt + Upper Stilt + 2 level podia + 1st to 26th Floors	86.30
4	Educational Building (School)	Stilt + 6 Floors	25.80
5	Economically Weaker Section (EWS) 4 Buildings	Ground + 7 Floors	23.65
6	Mall	2 Basements + Ground + 6 Floors	29.85
7	Sports Complex	Ground + 1 Floor	8.00
8	Phase 2	--	--
9	Residential: Sale 29 Buildings	Stilt + 1st to 27th Floors	81.95
10	Residential: Sale 8 Buildings	Lower Stilt + Upper stilt + P1 (Parking floor) + P2 (Podium Floor) + 1st to 27th Floor	89.20
11	EWS 7 Buildings	Ground + 7 Floors	23.65
12	Shopping Complex (Town Hall & Auditorium)	Ground + 15 Floors	67.65
13	Bus Station	Stilt + 3 Floors	17.25
14	Phase 3	--	--
15	Residential: Sale 22 Buildings	Stilt + 1st to 27th Floors	81.95
16	EWS: 4 Buildings	Ground + 7 Floors	23.65
17	Business Office	Ground + 8 Floors	27.60
18	Multi-Level Car Parking (MLCP)	Ground + 8 Floors	26.25
19	Market	Ground + 1 Floor	8.85
20	Health Care	Ground + 3 Floors	14.85
21	Fire Brigade	Stilt + 3 Floors	17.25
22	Police Station	Ground + 2 Floors	11.25

23.Number of tenants and shops	Phase 1 = Total Sale Flats: 3252 Nos., Total EWS Flats: 448 Nos. , School-Classrooms: 115 Nos., Mall , Sports Complex Phase 2 = Total Sale Flats: 4712 Nos., Total EWS Flats: 784 Nos., Shopping Complex (Town Hall & Auditorium), Bus Station Phase 3 = Total Sale Flats: 2828 Nos., Total EWS Flats: 448 Nos., Offices, Market, MLCP, Health Care center: 50 nos. of Beds, Fire Brigade, Police Station
24.Number of expected residents / users	174045 nos. (Including floating population)
25.Tenant density per hectare	269/hectars
26.Height of the building(s)	

27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.0 m wide Diva Manpada road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 mt.
29.Existing structure (s) if any	Part construction completed on site as per EC received.
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

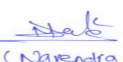
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable

32.Total Water Requirement

Dry season:	Source of water	MIDC/ Tanker water for Swimming pool make up
	Fresh water (CMD):	6023 KLD
	Recycled water - Flushing (CMD):	Flushing: 3880 KLD + Cooling tower makeup: 670 KLD
	Recycled water - Gardening (CMD):	493 KLD
	Swimming pool make up (Cum):	21 KLD
	Total Water Requirement (CMD) :	11087 KLD
	Fire fighting - Underground water tank(CMD):	Details shall be submitted
	Fire fighting - Overhead water tank(CMD):	Details shall be submitted
	Excess treated water	2786 KLD

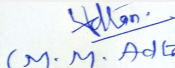
Wet season:	Source of water	MIDC/ Tanker water for Swimming pool make up/ Partly by RWH tank								
	Fresh water (CMD):	6023 KLD								
	Recycled water - Flushing (CMD):	Flushing: 3880 KLD + Cooling tower makeup: 670 KLD								
	Recycled water - Gardening (CMD):	Not Applicable								
	Swimming pool make up (Cum):	21 KLD								
	Total Water Requirement (CMD) :	10594 KLD								
	Fire fighting - Underground water tank(CMD):	Details shall be submitted								
	Fire fighting - Overhead water tank(CMD):	Details shall be submitted								
	Excess treated water	3279 KLD								
Details of Swimming pool (If any)	Swimming pool volume: 1500 m3. Swimming pool make up water requirement: 21 KL.									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requirement	--	--	--	--	--	--	--	--	--	
34.Rain Water Harvesting (RWH)										
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	8.2 m. to 8.5 m. below ground								
	Size and no of RWH tank(s) and Quantity:	Shall be submitted								
	Location of the RWH tank(s):	Shall be submitted								
	Quantity of recharge pits:	Shall be submitted								
	Size of recharge pits :	Shall be submitted								
	Budgetary allocation (Capital cost) :	Shall be submitted								
	Budgetary allocation (O & M cost) :	Shall be submitted								
	Details of UGT tanks if any :	Shall be submitted								

35.Storm water drainage	Natural water drainage pattern:	Shall be submitted			
	Quantity of storm water:	Shall be submitted			
	Size of SWD:	Shall be submitted			
Sewage and Waste water	Sewage generation in KLD:	8699 KLD			
	STP technology:	Shall be submitted			
	Capacity of STP (CMD):	Shall be submitted			
	Location & area of the STP:	Shall be submitted			
	Budgetary allocation (Capital cost):	Shall be submitted			
	Budgetary allocation (O & M cost):	Shall be submitted			
36.Solid waste Management					
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Shall be submitted			
	Disposal of the construction waste debris:	Construction waste shall be partly reused/recycled and partly disposed to the authorized site with the permission of local authority.			
Waste generation in the operation Phase:	Dry waste:	23318 kg/day			
	Wet waste:	15106 kg/day			
	Hazardous waste:	Not Applicable			
	Biomedical waste (If applicable):	19 kg/day			
	STP Sludge (Dry sludge):	1305 kg/day			
	Others if any:	E-waste: 463 kg/month			
Mode of Disposal of waste:	Dry waste:	To Authorized recyclers			
	Wet waste:	Treatment on site			
	Hazardous waste:	Not Applicable			
	Biomedical waste (If applicable):	Bio-medical waste will be handled and disposed as per Bio-Medical Waste Management Rules, 2016			
	STP Sludge (Dry sludge):	Use as manure			
	Others if any:	E-waste: To Authorized recyclers			
Area requirement:	Location(s):	Shall be submitted			
	Area for the storage of waste & other material:	Shall be submitted			
	Area for machinery:	Shall be submitted			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Shall be submitted			
	O & M cost:	Shall be submitted			
37.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)


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

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

41.Source of Fuel

--

42.Mode of Transportation of fuel to site

--

43.Green Belt Development

Total RG area :	Garden - Park: 24,202.58 Sq. mt. , PG: 46,257.36 Sq. mt.
No of trees to be cut :	Shall be submitted
Number of trees to be planted :	Shall be submitted
List of proposed native trees :	Shall be submitted
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	--	--	--	--

45.Total quantity of plants on ground

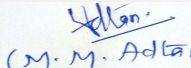
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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


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

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

47. Energy

Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Limited (MSEDCL)
	During Construction Phase: (Demand Load)	Shall be submitted
	DG set as Power back-up during construction phase	Shall be submitted
	During Operation phase (Connected load):	Shall be submitted
	During Operation phase (Demand load):	Shall be submitted
	Transformer:	Shall be submitted
	DG set as Power back-up during operation phase:	Shall be submitted
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Shall be submitted

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Shall be submitted	Shall be submitted

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	Sewage Treatment Plant (STP)
Solid waste	Not applicable	Treatment on site

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Shall be Submitted
	O & M cost:	Shall be Submitted

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	--	--	--

b) Operation Phase (with Break-up):

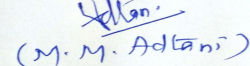
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	--	--	--	--


(Narendra Toke)

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(Secretary SEAC-II)

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

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

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

52.Any Other Information

No Information Available

53.Traffic Management

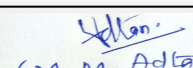
	Nos. of the junction to the main road & design of confluence:	12 nos. of entry/ exits
Parking details:	Number and area of basement:	Details as mentioned in Project proposal at Sr. no. 24
	Number and area of podia:	Details as mentioned in Project proposal at Sr. no. 24
	Total Parking area:	Shall be submitted
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Required: 22302 nos.; Provision: 22302 nos.
	Number of 4-Wheelers as approved by competent authority:	Required: 12090 nos.; Provision: 12090 nos.
	Public Transport:	Transport vehicles: 69 nos., Loading vehicles: 92 nos., Bus parking: 25 nos., Ambulance: 1 no.
	Width of all Internal roads (m):	Shall be submitted
	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 (b) B1
	Court cases pending if any	No


(Narendra Toke)

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(Secretary SEAC-II)

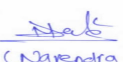
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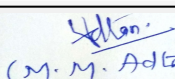
Shri M.M.Adtani (Chairman
SEAC-II)

	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		
Environment Clearance for Expansion and Amendment in Environment Clearance for Integrated Township Project at Village - Usarghar, S. no. 17/1, 17/2, 17/3/A, 17/3/B, 17/4, 17/5, 36/1/A, 36/1/B, 37/1, 37/2, 38/1, 38/2, 38/3, 38/4, 70/9, 70/10, 70/11, 71/1, 71/2, 71/3, 71/4, 71/8, 91/1, 91/2, 91/3, 91/4, 91/5, 92/1, 92/2, 93P, 103/2, 103/6/A, 103/6/B, 103/7, 103/8, 103/9, 103/10, 103/11, 103/12, 103/13, 103/14/B, 103/15, 103/16, 103/17, 103/18, 107/1, 107/2/A, 107/2/B, 107/3, 107/4, 107/5, 107/6, 107/7, 107/8, 107/9, 107/10, 107/11, 107/12, 107/13, 107/14, 107/15, 107/16, 107/17, 107/18, 107/19, 107/20, 108/1, 108/2, 108/3, 109P, 134/1, 134/2, Village-Sandap, S. No. 2, 21P, Taluka -Kalyan, Dist- Thane by M/s. Horizon Projects Pvt. Ltd. PP had submitted withdrawal request by letter dated 13/12/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.		
DECISION OF SEAC		
PP had submitted withdrawal request by letter dated 13/12/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action. Specific Conditions by SEAC:		
FINAL RECOMMENDATION		
Kindly find SEAC decision above.		


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

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

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 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

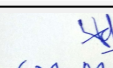
1.Name of Project	Proposed SR Scheme on Plot bearing C.T.S No. 195 (pt.) , 208 (pt.) , 812 & 813, Proposed building for "Andheri Juhu Lane Navbharat CHS.Ltd." of Village Andheri , Juhu Lane Andheri (W) , K/W Ward of MCGM , Mumbai -400058.
2.Type of institution	Private
3.Name of Project Proponent	Syed 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(Rehab Plus sale): IOA Composite Building:No.SRA/ENG/2485/KW/MHL/AP dated 6th may 2011, Sale Building: IOA Sale Building: No. SRA /ENG/2980/KW/MHL/AP dated 8th March 2013. IOD/IOA/Concession/Plan Approval Number: Composite Building(Rehab Plus sale): IOA Composite Building: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)	Composite Building: Part of Composite Building has been constructed till 14th Floor. Constructed Area of rehab Building is 6038.69 sq.m Sale Building: No work initiated.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Revised LOI received dated 06.06.2017.
15.Total Plot Area (sq. m.)	457.69 sq.m
16.Deductions	489.69 sq.m
17.Net Plot area	3968.00 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 19852.96 b) Non FSI area (sq. m.): 9858.26 c) Total BUA area (sq. m.): 29711
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 52 Approved Non FSI area (sq. m.): 52 Date of Approval: 01-01-1900
19.Total ground coverage (m2)	2417.20


(Narendra Toke)

Shri Narendra Toke
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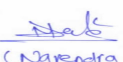
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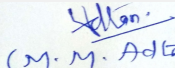
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20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		60.92		
21.Estimated cost of the project		150		
22.Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors		Height of the building (Mtrs)
1	Composite Building (Rehab Plus sale)	Ground + 16th Upper Floors		47.30
2	Sale Building	Wing A & Wing B (2 Basements + Ground Floor+ 1st Floor + 2nd to 14th Residential Floors)		47.20 m.
23.Number of tenants and shops		Composite Building (Rehab Plus sale): 296 Flats and 26 Shops Sale Building :105 Flats and 6 Showrooms		
24.Number of expected residents / users		Rehab (Rehab Plus sale): 1262 Nos. Sale Building: 638 Nos. Total:1900 Nos.		
25.Tenant density per hectare		9		
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 DP Road		
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		Existing Masjid (To be retained)		
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								
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	134								
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	

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):	NA
	Quantity of recharge pits:	2 Nos of Recharge pits for composite Building.
	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:	0.11 m.cu./s
	Size of SWD:	450MM
Sewage and Waste water	Sewage generation in KLD:	112
	STP technology:	MBBR
	Capacity of STP (CMD):	3
	Location & area of the STP:	GROUND
	Budgetary allocation (Capital cost):	10
	Budgetary allocation (O & M cost):	2
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:	52 sq. m.
	Area for machinery:	4.5 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 sent 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

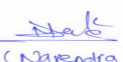
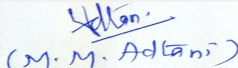
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 : 317.50 sq. m
	No of trees to be cut :	NA
	Number of trees to be planted :	56
	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	10	Medicinal tree
2	Michelia champaca	Son-chafa	10	Flowering/ornamental plant
3	Mangifera indica	Mango	10	Fruiting tree
4	Mimusops elengi	Bakul	10	Evergreen tree
5	Polyalthia longifolia	Ashok	16	Evergreen tree

45.Total quantity of plants on ground

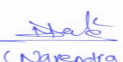
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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

47.Energy

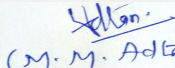
Power requirement:	Source of power supply :	TATA/Adani
	During Construction Phase: (Demand Load)	40 KW
	DG set as Power back-up during construction phase	50 kVA
	During Operation phase (Connected load):	4328
	During Operation phase (Demand load):	1858
	Transformer:	2*1000 KVA
	DG set as Power back-up during operation phase:	900 KVA
	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
	O & M cost:	2

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):

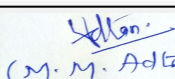
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	Tanks and Recharge Pits	9	1
2	Solid waste management	OWC	8	2
3	Waste water management	STP	35	6
4	Energy conservation	Solar	30	2
5	Landscaping	Greenbelt	NA	NA


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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

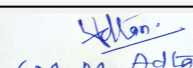
	Nos. of the junction to the main road & design of confluence:	Access form existing 36.60 m wide DP Road & existing 9.20 m wide wireless Road.
Parking details:	Number and area of basement:	2 Basements: Total Basement Parking Area:1705 sq. m Basement 1 (Parking Area):735 sq. m Basement 2(Parking Area):970 sq. m
	Number and area of podia:	NA
	Total Parking area:	Parking Area (Ground):482 sq. m
	Area per car:	21
	Area per car:	21
	Number of 2-Wheelers as approved by competent authority:	2
	Number of 4-Wheelers as approved by competent authority:	146
	Public Transport:	Andehri Railway station (1.7 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
	Other Relevant Informations	NA


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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

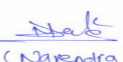
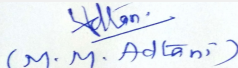
Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management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

Brief information of the project by SEAC

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 by Shri.Syed Ghazali Nasar (Proprietor of Nasar Associates).

PP had submitted withdrawal request by letter dated 10/04/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

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PP had submitted withdrawal request by letter dated 10/04/2019, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

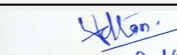
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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Proposed Residential project at S No. 8, H.No. 1/4 of village Javasi, Ambernath by M/s Mahashiv Developers LLP.

Is a Violation Case: No

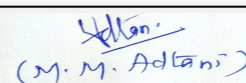
1.Name of Project	Proposed Residential project at S No. 8, H.No. 1/4 of village Javasi, Ambernath by M/s Mahashiv Developers LLP.
2.Type of institution	Private
3.Name of Project Proponent	M/s Mahashiv Developers LLP
4.Name of Consultant	M/s. Enviro Analysts and Engineers Pvt. Ltd.;
5.Type of project	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	S No. 8, H.No. 1/4 of village Javasi, Ambernath
9.Taluka	Ambernath
10.Village	Javasi
Correspondence Name:	M/s Mahashiv Developers LLP
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Javsai
City:	Ambernath
11.Whether in Corporation / Municipal / other area	Ambernath Municipal Council (AMC)
12.IOD/IOA/Concession/Plan Approval Number	CC received IOD/IOA/Concession/Plan Approval Number: CC received vide letter no. J.V.No./AMC/NRV/B.P./12-13/28/2993 dtd 13.4.2012 Approved Built-up Area: 17679.38
13.Note on the initiated work (If applicable)	Total constructed area till date is 7730 sq.m
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CC received vide letter no. J.V.No./AMC/NRV/B.P./12-13/28/2993 dtd 13.4.2012
15.Total Plot Area (sq. m.)	29,900.00
16.Deductions	9151.81 sq.m
17.Net Plot area	20,748.19 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 46733.10 b) Non FSI area (sq. m.): 28154.32 c) Total BUA area (sq. m.): 74887.42
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 17679.38 Approved Non FSI area (sq. m.): - Date of Approval: 13-04-2012
19.Total ground coverage (m2)	7530.69 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	36.29 %
21.Estimated cost of the project	1933200000


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22.Number of buildings & its configuration

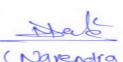
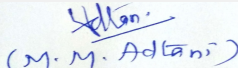
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Type I (2 buildings)	LG + Gr + 7 floors	24.45
2	Type II (4 buildings)	LG + Gr + 7 floors	23.70
3	Type III (2 buildings)	LG + Gr + 7 floors	23.70
4	Type IV (4 buildings)	LG + Gr + 7 floors	23.70
5	Type V (4 buildings)	Gr + 8 floors	26.55
6	Type VI (2 buildings)	Gr + 8 floors	26.55
7	Type VII (1 building)	LG + G + 12 floors	39.58
8	Type 8 (11 bungalows)	G + 1 floor	6.45
9	Clubhouse 1 & 2	Gr floor	3.00

23.Number of tenants and shops	965 nos.
24.Number of expected residents / users	4487
25.Tenant density per hectare	466 Tenants / hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	15.00 m wide D.P road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Nil
30.Details of the demolition with disposal (If applicable)	Nil

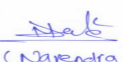
31.Production Details

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

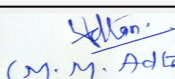
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Dry season:	Source of water	AMC/ STP Treated water								
	Fresh water (CMD):	384								
	Recycled water - Flushing (CMD):	194								
	Recycled water - Gardening (CMD):	16								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	594								
	Fire fighting - Underground water tank(CMD):	400								
	Fire fighting - Overhead water tank(CMD):	310								
	Excess treated water	259								
Wet season:	Source of water	AMC/ STP Treated water								
	Fresh water (CMD):	384								
	Recycled water - Flushing (CMD):	194								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	578								
	Fire fighting - Underground water tank(CMD):	400								
	Fire fighting - Overhead water tank(CMD):	310								
	Excess treated water	274								
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:	-
	Size and no of RWH tank(s) and Quantity:	Nil
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	11 nos. of recharge pits
	Size of recharge pits :	3 m X 3m
	Budgetary allocation (Capital cost) :	Rs. 8.80 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.88 Lakhs/yr
	Details of UGT tanks if any :	Domestic water tank 384cum Flushing water tank 194 cum Fire water Tank 400 cum
35.Storm water drainage	Natural water drainage pattern:	North to south
	Quantity of storm water:	1.06 cum/sec
	Size of SWD:	600 mm X 930 mm, 600 mm X 850 mm
Sewage and Waste water	Sewage generation in KLD:	521 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	Total capacity of 565 KLD
	Location & area of the STP:	Below ground level
	Budgetary allocation (Capital cost):	Rs. 100.75 Lakhs
	Budgetary allocation (O & M cost):	Rs. 25.18 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:	777 kg/day
	Wet waste:	1166 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	26 kg/day
	Others if any:	NA

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:	Not Applicable
Area requirement:	Location(s):	Ground level
	Area for the storage of waste & other material:	102 sq.m
	Area for machinery:	10 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 16 lakhs
	O & M cost:	Rs. 3.2 lakhs/yr

37. Effluent Characteristics

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

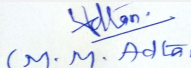
41. Source of Fuel	Not applicable
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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	2589.51 sq.mt		
	No of trees to be cut :	-		
	Number of trees to be planted :	130 nos.		
	List of proposed native trees :	as listed 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	-	-	---	-
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 :	MSDCL		
	During Construction Phase: (Demand Load)	100 kVA		
	DG set as Power back-up during construction phase	75 kW		
	During Operation phase (Connected load):	7189.6 kW		
	During Operation phase (Demand load):	2787.3 kW		
	Transformer:	4 x 750 kVA		
	DG set as Power back-up during operation phase:	1 X 80 KVA, 1 X 50 kVA, 1 X 250 kVA & 1 X 180 KVA		
	Fuel used:	HSD		
	Details of high tension line passing through the plot if any:	NA		
48.Energy saving by non-conventional method:				
Hot water provision made using Solar Hot water system LED lights used for common area & external lighting				
49.Detail calculations & % of saving:				


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Serial Number	Energy Conservation Measures	Saving %
1	total energy savings	15.2%

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.64.44 Lakh
	O & M cost:	Rs.2.57 Lakh

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	4
2	Noise Environment	Noise Baricades and Green Belt Developments	3
3	Water Environment	Modular STP , Drainage with sedimentation tanks	3
4	Good Health Practices	Site Sanitation & Health Care	3
5	Environment Monitoring	Environment Monitoring	3

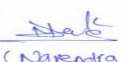
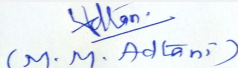
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	RWH	8	0.8
2	Water Environment	STP	100.75	25.18
3	Solid waste management	OWC	16	3.2
4	Energy Savings	Solar	64.44	2.57
5	Land environment	Landscaping	3.25	0.65

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

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No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The project site is accessible through the existing 15 m wide DP road
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	12933 sq.m
	Area per car:	18 SQ.M
	Area per car:	18 SQ.M
	Number of 2-Wheelers as approved by competent authority:	Scooters: 1236 nos. Cycles: 1236 nos.
	Number of 4-Wheelers as approved by competent authority:	88 nos.
	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	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

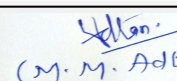
Environmental Impacts of the project	-
Water Budget	-


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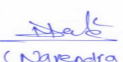
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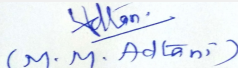
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Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
Environment Clearance for Proposed Residential project at S No. 8, H.No. 1/4 of village Javasi, Ambernath by M/s Mahashiv Developers LLP. PP had submitted withdrawal request by letter dated 17/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
DECISION OF SEAC	
PP had submitted withdrawal request by letter dated 17/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action. Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEAC decision above.	


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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

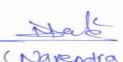
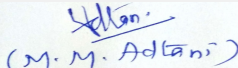
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Subject: Environment Clearance for ---name of the project-- on land bearing S.No./ H. No. 64/1/4,64/2 of village Katrap, Tal - Ambernath, Dist Thane by Jigar Enterprises.

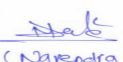
Is a Violation Case: No

1.Name of Project	-
2.Type of institution	Private
3.Name of Project Proponent	Jigar Enterprises.
4.Name of Consultant	Enviro Analysts & Engineers 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	S.No./ H. No. 64/1/4,64/2 of village Katrap, Tal - Ambernath, Dist Thane
9.Taluka	Ambernath
10.Village	Katrap
Correspondence Name:	Mr. Prajesh Tulsi Patel
Room Number:	G-1
Floor:	Ground Floor
Building Name:	Prince Apt.
Road/Street Name:	Karani Lane
Locality:	Opp. Corporation Bank, Ghatkopar (W) 400086
City:	Ghatkopar
11.Whether in Corporation / Municipal / other area	Kulgaon Badlapur Municipal Corporation (KBMC)
12.IOD/IOA/Concession/Plan Approval Number	yes IOD/IOA/Concession/Plan Approval Number: javak no./ KBMC/ nrv/bp/7351/2018-19 Approved Built-up Area: 18909.73
13.Note on the initiated work (If applicable)	Existing Bldg. is of S +12 Floors. Total construction area = 5551.00 sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Fire NOC is received dated 12-02-2019 (Ref. No. MFS/51/2019/157)
15.Total Plot Area (sq. m.)	10100.00 SQ.M.
16.Deductions	Deduction for DP Road & unbuildable plot = 1595.76 sq.m.
17.Net Plot area	8504.24sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 22072.64 b) Non FSI area (sq. m.): 12033.78 c) Total BUA area (sq. m.): 34106.42
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12744.72 Approved Non FSI area (sq. m.): 6165.01 Date of Approval: 05-10-2018
19.Total ground coverage (m2)	1461.62
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.18
21.Estimated cost of the project	0

22.Number of buildings & its configuration

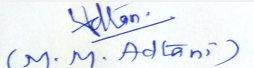
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Existing Building	S+12 Floors	37.20	
2	Proposed Bldg. Wing A	S/G+18 Floors	56.45	
3	Proposed Bldg. Wing B	S/G+23 Floors	69.95	
4	Proposed Bldg. Wing C	S/G+23 Floors	69.95	
23.Number of tenants and shops		existing = 48 nos. proposed = 335 Nos. total = 383 nos.		
24.Number of expected residents / users		existing = 264, proposed =1536, total = 1800		
25.Tenant density per hectare		450 Nos./ Hector		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		30.00 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		Min. 9.00 m		
29.Existing structure (s) if any		Existing Building (S+12 Floors) is completed & occupied in the plot area of 4020.00 sq.m. before amalgamation		
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				

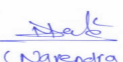

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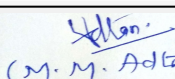

 (M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

Dry season:	Source of water	KBMC/Recycled water							
	Fresh water (CMD):	162							
	Recycled water - Flushing (CMD):	82							
	Recycled water - Gardening (CMD):	6							
	Swimming pool make up (Cum):	6							
	Total Water Requirement (CMD) :	256							
	Fire fighting - Underground water tank(CMD):	150 cum							
	Fire fighting - Overhead water tank(CMD):	10 cum for each wing							
	Excess treated water	109							
Wet season:	Source of water	KBMC/Recycled water/RWH Tank							
	Fresh water (CMD):	162							
	Recycled water - Flushing (CMD):	82							
	Recycled water - Gardening (CMD):	-							
	Swimming pool make up (Cum):	6							
	Total Water Requirement (CMD) :	250							
	Fire fighting - Underground water tank(CMD):	150 cum							
	Fire fighting - Overhead water tank(CMD):	10 cum for each wing							
	Excess treated water	115							
Details of Swimming pool (If any)		6 cum for swimming pool							
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:	-
	Size and no of RWH tank(s) and Quantity:	88 cum (2 day)
	Location of the RWH tank(s):	at ground level
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	Rs. 8.00Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.40 Lakhs
	Details of UGT tanks if any :	Domestic Tank=162cum Flushing Tank = 88cum Fire Tank = 150cum RWH Tank =88cum
35.Storm water drainage	Natural water drainage pattern:	Will be maintained
	Quantity of storm water:	Total actual discharge = 0.33cum/sec Total design discharge = 0.44cum/sec
	Size of SWD:	Width of the channel considered=0.45 m, Depth of the channel considered=0.45m
Sewage and Waste water	Sewage generation in KLD:	219
	STP technology:	MBBR
	Capacity of STP (CMD):	250
	Location & area of the STP:	Below ground level
	Budgetary allocation (Capital cost):	Rs.40.00 Lakhs
	Budgetary allocation (O & M cost):	Rs. 6.00 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1. Steel will be sold for recycling,2. Cement waste will be used for bunding purpose, temporary plaster concrete works. 3. Waste sand will be used for bedding for flooring purpose.It will also be used as filler material for toilets waterproofing.4. Aggregates will be used as a layer for internal roads and building boundary wall. 5. Wood will be sold for recycling, 6. Waste tiles will be used as china mosaic.
	Disposal of the construction waste debris:	To be Disposed as per construction & demolition waste rules- 2016 at designated disposal site
Waste generation in the operation Phase:	Dry waste:	360 Kg/day
	Wet waste:	540 kg/day
	Hazardous waste:	nil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	11 kg/day
	Others if any:	Nil
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Mode of Disposal of waste:	Dry waste:	To be managed through recyclers.
	Wet waste:	To be processed in the Organic Waste Converter and manure so obtained will be used for landscaping.
	Hazardous waste:	Nil
	Biomedical waste (If applicable):	Nil
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	Nil
Area requirement:	Location(s):	at ground level
	Area for the storage of waste & other material:	52 sq.m.
	Area for machinery:	5 sq.m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 6.00 Lakhs
	O & M cost:	Rs. 2.00 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 sent 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

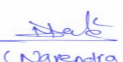
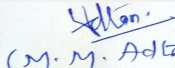
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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 :	850.42sq.m. (10.00%)		
	No of trees to be cut :	nil		
	Number of trees to be planted :	45 nos.		
	List of proposed native trees :	as 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	Azadirachta indica	Neem Tree	6	Noise reduction
2	Michelia champaca	PiwalaChampa / Sonchapha	7	Flowering
3	Alistonia scholaris	Devils tree / Satvin	6	shaded
4	Pongamia pinnata	Karanj	7	shaded
5	Polyalthia longifolia	Mast Tree	6	shaded tree
6	Cassia fistula	Indian Laburnum	6	shaded tree
7	Cycas revoluta	Fern Palm	7	ornamental
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	-	-	-	
47.Energy				

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	80 KW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	4797KW
	During Operation phase (Demand load):	2092KW
	Transformer:	2 X 630 KVA
	DG set as Power back-up during operation phase:	1 x 500KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Total Saving Due to LED
 Total Saving Due to VFD for Lift and Pump
 Saving Due CFL Light, Electronic Ballast along with BEE rated 5 Star equipment's.
 Saving Due to Solar Energy Saving Due to Solar Water Heater

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	as above	15.00%

50. Details of pollution control Systems

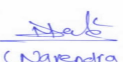
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 39.00 Lakhs
	O & M cost:	Rs. 2.00 Lakhs

51. Environmental Management plan Budgetary Allocation

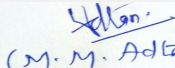
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust Suppression	3.0
2	Land Environment	Site Sanitation	2.5
3	Environmental Monitoring	Environmental Monitoring	7.50
4	EHS	Disinfection	3.0
5	EHS	Health check up	3.5


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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	8.00	0.50
2	solid waste	MSW	6.00	2.00
3	water environment	STP	40.00	6.00
4	Energy Saving	Energy Conservation	39.00	2.00
5	land environment	landscaping	13.00	2.50

51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information	
No Information Available	

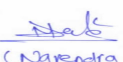
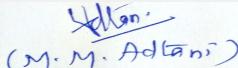
53.Traffic Management	
	Nos. of the junction to the main road & design of confluence: 2no.ofentryexitsthrough30.00mwideDPRoad
Parking details:	Number and area of basement: nil
	Number and area of podia: Nil
	Total Parking area: 5668.49sq.m.
	Area per car: as per DCR
	Area per car: as per DCR
	Number of 2-Wheelers as approved by competent authority: Required = 433 Nos. Provided = 433 Nos.
	Number of 4-Wheelers as approved by competent authority: Required = 60 Nos. Provided = 60 Nos.
	Public Transport: nil
Width of all Internal roads (m): 6 to 9 m	
	CRZ/ RRZ clearance obtain, if any: nil

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not within the 10 km
	Category as per schedule of EIA Notification sheet	Category B, Schedule 8(a)
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	30-05-2019

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

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 244 of 286	 Shri M.M.Adtani (Chairman SEAC-II)
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Environment Clearance for project "Umiya Nakshatra Heights" at S.No./ H. No. 64/1/4,64/2 of village Katrap, Tal - Ambarnath, Dist Thane by Jigar Enterprises.

PP had submitted withdrawal request by letter dated 19/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 19/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

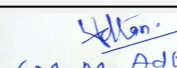
SEAC-AGENDA-0000000438


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 135th -Day-2 -Part-2
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(M. M. Adtani)

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

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Bldg. proposal on Plot bearing CTS NO. 479A (GUT NO.26), 480 A,B (GUT NO.28/1), 488 A,B,C,D,E (GUT NO.32), 492 (GUT NO.33), 487 A (pt), B,C,D,(GUT NO.63/6), 485 A (pt), B (OLD GUT NO. 63/B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parasik Taluka & District - Thane.

Is a Violation Case: No

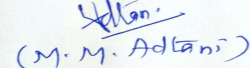
1.Name of Project	Keshav Height
2.Type of institution	Private
3.Name of Project Proponent	M/s Sunita Enterprises
4.Name of Consultant	M/s Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing CTS NO. 479A (GUT NO.26), 480 A,B (GUT NO.28/1), 488 A,B,C,D,E (GUT NO.32), 492 (GUT NO.33),487 A (pt), B,C,D,(GUT NO.63/6), 485 A (pt), B (OLD GUT NO. 63/B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parsik, Taluka & District - Thane
9.Taluka	Thane
10.Village	Parsik
Correspondence Name:	M/s Sunita Enterprises
Room Number:	-
Floor:	Ground Floor
Building Name:	Yashawant Apartment
Road/Street Name:	Manisha Nagar Gate No.2, Mumbai-Pune Road
Locality:	Kalwa (W)
City:	Thane - 400605
11.Whether in Corporation / Municipal / other area	Thane Municipal Corporation (TMC)
12.IOD/IOA/Concession/Plan Approval Number	IOD Dated 27-11-2000 and CC Dated 02-02-2019 IOD/IOA/Concession/Plan Approval Number: IOD: 99038/A TMC/T.D.-D.P./TPS/1587 & CC: TMC/TP-DP/TPS/98 Approved Built-up Area: 17861.16
13.Note on the initiated work (If applicable)	Construction of following buildings completed as per CC received: Building A1 (St+13), Building A (St+7), Building A2 (St+13), Building D (St/Gr+ 2), Building E (St/Gr+ 7), Construction of Building C (Gr./St +22 Floors) is completed till 10th Floor.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	19678.37 Sq.m.
16.Deductions	9803.72 Sq.m.
17.Net Plot area	9874.65 Sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 21159.26 Sq.m. b) Non FSI area (sq. m.): 7125.81 Sq.m. c) Total BUA area (sq. m.): 28285.07
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 17861.16 Approved Non FSI area (sq. m.): - Date of Approval: 02-02-2019
19.Total ground coverage (m2)	1595.93 Sq.m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12.33 %


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 135th -Day-2 -Part-2
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(M. M. Adtani)

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

21.Estimated cost of the project		1360000000		
22.Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A1	Stilt + 13 Floors	40.54	
2	Building A	Stilt + 7 Floors	23.77	
3	Building D	Stilt / Ground + 2 Floors	8.55	
4	Building A2	Stilt + 13 Floors	40.54	
5	Building C	Ground & Stilt part + 22 Floors	69.15	
6	Building E	Stilt / Ground + 7 Floors	23.77	
7	-	-		
8	-	-		
9	-	-		
23.Number of tenants and shops		Residential Units: 344 nos. Shops: 12 nos.		
24.Number of expected residents / users		Residential population: 1720 nos. Shops population: 96 nos.		
25.Tenant density per hectare		184		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		25.0 m and 60.0 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		9.0 m		
29.Existing structure (s) if any		Construction of following buildings completed as per CC received: Building A1 (St+13), Building A (St+7), Building A2 (St+13), Building D (St/Gr+ 2), Building E (St/Gr+ 7), Construction of Building C (Gr./St +22 Floors) is completed till 10th Floor.		
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				

Dry season:	Source of water	TMC/Treated water from STP								
	Fresh water (CMD):	158								
	Recycled water - Flushing (CMD):	80								
	Recycled water - Gardening (CMD):	16								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	254								
	Fire fighting - Underground water tank(CMD):	For Building 'A1' Fire Fighting Tank required = 75,000 liters For Building 'A2' Fire Fighting Tank required = 75,000 liters For Building 'C' Fire Fighting Tank as per CFO NOC, UGWT Capacity Required = 2,00,000 liters								
	Fire fighting - Overhead water tank(CMD):	For Building 'C' Fire Fighting Tank as per CFO NOC, OHWT capacity required = 30,000 liters on each staircase shaft. Fire Tank capacity for Building 'A1'- 20 Cum, Fire Tank capacity for Building 'A2'- 20 Cum								
	Excess treated water	104 KLD								
Wet season:	Source of water	TMC/Treated water/RWH water								
	Fresh water (CMD):	158								
	Recycled water - Flushing (CMD):	80								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	238								
	Fire fighting - Underground water tank(CMD):	For Building 'A1' Fire Fighting Tank required = 75,000 liters For Building 'A2' Fire Fighting Tank required = 75,000 liters For Building 'C' Fire Fighting Tank as per CFO NOC, UGWT Capacity Required = 2,00,000 liters								
	Fire fighting - Overhead water tank(CMD):	For Building 'C' Fire Fighting Tank as per CFO NOC, OHWT capacity required = 30,000 liters on each staircase shaft. Fire Tank capacity for Building 'A1'- 20 Cum, Fire Tank capacity for Building 'A2'- 20 Cum								
	Excess treated water	120 KLD								
Details of Swimming pool (If any)										
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 to 3 mts
	Size and no of RWH tank(s) and Quantity:	2 nos. of RWH tanks. Total Capacity of RWH Tank: 118.00 Cum.
	Location of the RWH tank(s):	Below Ground
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	10.00 lac
	Budgetary allocation (O & M cost) :	0.40 lac/ annum
	Details of UGT tanks if any :	Total capacity of UG Tanks: (1) Domestic Tank - 105 Cum (2) Flushing Tank - 50 Cum (3) Fire Tank - 350 cum (4) Commercial Tank - 3.00 cum
35.Storm water drainage	Natural water drainage pattern:	East to West
	Quantity of storm water:	0.499 Cum./sec
	Size of SWD:	Width: 0.30 m to 0.40 m Depth: 0.15 m to 0.35 m
Sewage and Waste water	Sewage generation in KLD:	222
	STP technology:	MBBR
	Capacity of STP (CMD):	225 KLD
	Location & area of the STP:	Location: Below Ground Total Area: 138.68 Sq.m.
	Budgetary allocation (Capital cost):	45.00 lac
	Budgetary allocation (O & M cost):	7.00 lac/ annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Empty Cement Bags , Steel, Aggregates, Broken Tiles, Empty Paint Cans
	Disposal of the construction waste debris:	Empty Cement Bags: To be handed over to local recyclers, Aggregates: To be used as a layer for internal roads and building boundary wall, Broken Tiles: Waste tiles to be used as china mosaic for terraces, Empty Paint Cans (20 litre/ can): To be sold to local recyclers
Waste generation in the operation Phase:	Dry waste:	358 kg/day
	Wet waste:	525 kg/day
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	11 kg/day
	Others if any:	E waste will be handed over to authorized MPCB dealers
Shri Narendra Toke (Secretary SEAC-II)		SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020
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		Shri M.M.Adtani (Chairman SEAC-II)

Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed off to recyclers/Vans
	Wet waste:	Processed in OWC. The manure obtained shall be used for Gardening; Excess manure shall be sold to nearby end users
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	Dry sludge will be used as manure
	Others if any:	-
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	46.00 sqm
	Area for machinery:	5.00 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	10.00 Lac
	O & M cost:	2.50 lac/ 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 sent 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

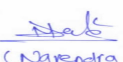
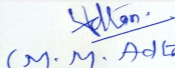
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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		

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 250 of 286	 Shri M.M. Adtani (Chairman SEAC-II)
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43.Green Belt Development	Total RG area :	2010.59 sqm		
	No of trees to be cut :	0		
	Number of trees to be planted :	183		
	List of proposed native trees :	Enlisted below		
	Timeline for completion of plantation :	After completion 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	Elonix regia	Gulmohar	29	Beautification
2	Tamarindus indica	Chinch	02	Medicinal Values
3	Plumeria	Chapha	44	Beautification
4	Betula uber	Uber	06	Medicinal Values
5	Ficus benamina	Ficus	07	Medicinal Values
6	Syzygium cumini	Jambhul	03	Medicinal Values
7	Saraca asoca	Ashoka	25	Medicinal Values
8	Mangifera indica	Mango	01	Medicinal Values
9	Pinaceae	Christmas Tree	01	Beautification
10	Annona squamosa	Sitafal	02	Medicinal Values
11	Azadirachta indica	Nimb	03	Medicinal Values
12	Hyophorbe lagenicaulis	Bottle Palm	45	Beautification
13	Artocarpus heterophyllus	Fanas	02	Medicinal Values
14	Palmae	Palm	01	Beautification
15	Psidium guajava	Peru	02	Medicinal Values
16	Eucalyptus	Nilgiri	04	Medicinal Values
17	Cestrum nocturnum	Ratrani	02	Beautification
18	Tabernaemontana divaricata	Tagar	03	Beautification
19	Carica papaya	Papaya	01	Medicinal Values
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)	60 kW
	DG set as Power back-up during construction phase	1 No of 82.5 kVA
	During Operation phase (Connected load):	1918.60 kW
	During Operation phase (Demand load):	1156.74 kW
	Transformer:	2 No's of 1000 kVA
	DG set as Power back-up during operation phase:	1 No of 750 kVA. DG for club house: 1 No of 160 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- Use of LED Lights
- Use of solar energy

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	18%

50. Details of pollution control Systems

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

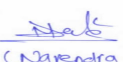
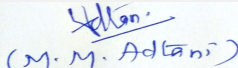
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	35.00 Lac
	O & M cost:	4.00 lac/ annum

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	Water for dust Suppression	2.00
2	EHS	Site Sanitation	2.00
3	Environmental Monitoring	Environmental Monitoring	15.00
4	EHS	Disinfection	1.50
5	EHS	Health Check Up	1.50

b) Operation Phase (with Break-up):

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 252 of 286	 Shri M.M. Adtani (Chairman SEAC-II)
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Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	STP	45.00	7.00
2	Rain Water Harvesting	Rain Water Harvesting Tank	10.00	0.40
3	Energy	Energy Saving	35.00	4.00
4	Solid Waste Management	OWC	10.00	2.50
5	Land Environment	Landscaping	20.00	3.00

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

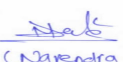
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

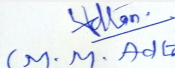
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	4 Nos
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	11480 sq.m
	Area per car:	15 sq.m for mechanical and 25 sqm for open parking
	Area per car:	15 sq.m for mechanical and 25 sqm for open parking
	Number of 2-Wheelers as approved by competent authority:	173 Nos.
	Number of 4-Wheelers as approved by competent authority:	73 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	Minimum width: 6.0 m
	CRZ/ RRZ clearance obtain, if any:	-


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

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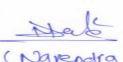
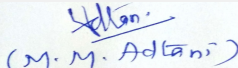

(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	5.05 km aerial distance from Thane Creek
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	-
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 135th -Day-2 -Part-2 Meeting Date: July 1, 2020	Page 254 of 286	 Shri M.M.Adtani (Chairman SEAC-II)
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Environment Clearance for Bldg. "Keshav Height" proposal on Plot bearing CTS NO. 479A (GUT NO.26), 480 A,B (GUT NO.28/1), 488 A,B,C,D,E (GUT NO.32), 492 (GUT NO.33), 487 A (pt), B,C,D,(GUT NO.63/6), 485 A (pt), B (OLD GUT NO. 63/B, NEW GUT NO. 63/7), 491 (pt) (GUT NO.34/3/3C) at village Parasik Taluka & District - Thane by M/s Sunita Enterprises.

PP had submitted withdrawal request by letter dated 17/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 17/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

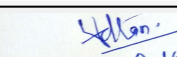
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(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 135th -Day-2 -Part-2
Meeting Date: July 1, 2020

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(M. M. Adtani)

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

135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Environmental Clearance (EC) for Proposed Slum Rehabilitation (SRA) Scheme along with Sale Component at Village Powai, Mumbai

Is a Violation Case: No

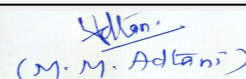
1.Name of Project	Proposed Rehabilitation Scheme along with Sale Component at Village Powai, Mumbai.
2.Type of institution	Private
3.Name of Project Proponent	M/s. RBS Real Estate Ventures Pvt. Ltd. , Mr. Vikas Bhawanishankar Sharma (Authorized Signatory)
4.Name of Consultant	M/s. Ultra-Tech
5.Type of 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	CTS no. 23A (Pt.), 26A(Pt.) & 27(Pt.), at Hiranandani Garden, Village-Powai, Mumbai
9.Taluka	Kurla
10.Village	Powai
Correspondence Name:	M/s. RBS Real Estate Ventures Pvt. Ltd.
Room Number:	--
Floor:	--
Building Name:	Sharma Cottage, Supreme City, Behind, Lake Castle Bldg.,
Road/Street Name:	--
Locality:	Hiranandani Gardens, Powai
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	Received IOA from Mumbai Metropolitan Region Development Authority (MMRDA) No. MMRDA/SRACell/LOI-78/IOA-144/PL/S/2018 dtd.17.09.2018 (For Rehab Building No. 1) IOD/IOA/Concession/Plan Approval Number: IOA No. MMRDA/SRACell/LOI-78/IOA-144/PL/S/2018 (Rehab Building No. 1) Approved Built-up Area: 15819
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Received LOI From MMRDA No. MMRDA/SRACell/LOI-78/PL/S/2018 dtd. 21/03/2018
15.Total Plot Area (sq. m.)	60000.00 Sq. mt
16.Deductions	5375.00 Sq. mt.
17.Net Plot area	54625.00 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 248593.38 Sq. mt. b) Non FSI area (sq. m.): 176029.40 Sq. mt. c) Total BUA area (sq. m.): 424622.78
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 8979.55 Approved Non FSI area (sq. m.): 6839.45 Date of Approval: 17-09-2018
19.Total ground coverage (m2)	21929.73 Sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40.15 %
21.Estimated cost of the project	9795600000


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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehabilitation : 11 Nos. of buildings	--	--
2	Building No. 1	Lower Ground/Basement Floor + Upper Ground Floor + 1st To 22nd Floors	69.70
3	Building No. 2	Ground/Stilt Floor + 1st To 23rd Floors	69.85
4	Building No 3	Lower Ground/Basement Floor + Upper Ground Floor + 1st To 21st Floors + 22nd (pt.) Floor	68.95
5	Building No 4,5,6,7	Lower Ground/Basement Floor + Upper Ground Floor + 1st To 22nd Floors + 23rd (pt.) Floor	69.75
6	Building No. 8	Lower Ground/Basement Floor + Upper Ground Floor + 1st To 22nd Floors + 23rd (pt.) Floor	69.90
7	Building No 9	Lower Ground/ Basement Floor + Upper Ground Floor + 1st To 22nd Floors	69.75
8	Building No. 10	Ground/ Stilt Floor + 1st To 22nd Floors + 23rd (pt.) Floor	69.90
9	Building No 11	Ground/Stilt Floor + 1st To 23rd Floors	69.90
10	Sale : 2 Nos. of buildings	--	--
11	Building 1 Wing A	4 Basements + Ground + 1st to 2nd Floor (Retail) + 3rd Floor (Multiplex)	26.60
12	Building 1 Wing B	4 Basements + Ground + 1st to 2nd Floor (Retail)+ 3rd Floor (Multiplex) + 1st To 9th Floors (Offices)	59.80
13	Building 1 Wing C	4 Basements + Ground + 1st to 2nd Floor (Retail) + 3rd Floor (Multiplex) + 1st To 18th Floors (Services Apartments)	56.70
14	Building 2	4 Basements + Ground + 1st To 3rd Podia + 1st To 23rd (Offices)	112.90

23. Number of tenants and shops

Rehabilitation :
 PAP Flats: 4021 Nos.
 Balwadi: 41 Nos.
 Welfare center: 41 Nos.
 Society Offices: 41 Nos.

Sale:
 Offices: 81 Nos.
 Cinema: 6 Nos.
 Service Apartment. 84 Nos.
 Food Kiosk: 1 No.
 Retail: 54 Nos.
 Cafeteria : 1 No.

24. Number of expected residents / users

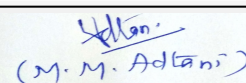
32134 Nos.


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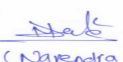
25.Tenant density per hectare	752/ hectors
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	It is connected by Proposed 18.30 mt. DP Road & Proposed 13.40 mt wide D.P. Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 mt.
29.Existing structure (s) if any	There are some existing structures present on site which will be demolished.
30.Details of the demolition with disposal (If applicable)	Demolition debris generated from the existing structures shall be partly reused/ recycled and remaining shall be disposed to Authorized landfill site.

31.Production Details

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

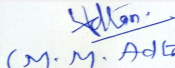
32.Total Water Requirement

Dry season:	Source of water	M.C.G.M
	Fresh water (CMD):	1749 KLD
	Recycled water - Flushing (CMD):	999 KLD
	Recycled water - Gardening (CMD):	93 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	2841 KLD
	Fire fighting - Underground water tank(CMD):	Rehab: 1100 KL Sale: 300 KL
	Fire fighting - Overhead water tank(CMD):	30 KL for Each Staircase of each Building
	Excess treated water	1067 KLD


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Wet season:	Source of water	M.C.G.M/ Partly by RWH
	Fresh water (CMD):	1749 KLD
	Recycled water - Flushing (CMD):	999 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	2748 KLD
	Fire fighting - Underground water tank(CMD):	Rehab: 1100 KL Sale: 300 KL
	Fire fighting - Overhead water tank(CMD):	30 KL for Each Staircase of each Building
	Excess treated water	1160 KLD
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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Ground water table is 3.1 mt. to 9.75 mt. below ground surface
	Size and no of RWH tank(s) and Quantity:	For Rehabilitation : 11 RWH Tanks of total capacity 156 KL For Sale : 2 RWH Tanks of total capacity 150 KL
	Location of the RWH tank(s):	Rehabilitation : Underground Sale: Basement Level
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	69.60 Lacs
	Budgetary allocation (O & M cost) :	2.33 Lacs/Anum
	Details of UGT tanks if any :	Location of UG tank- Basement Level

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:	Details shall be Submitted
	Size of SWD:	Details shall be Submitted

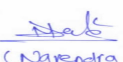
Sewage and Waste water	Sewage generation in KLD:	2399 KLD
	STP technology:	Moving Bed Bio Reactor (MBBR)
	Capacity of STP (CMD):	Rehabilitation: 5 STPs of total capacity 2315 KL Sale: 1 STP of 500 KL
	Location & area of the STP:	Basement Level
	Budgetary allocation (Capital cost):	585.86 Lacs
	Budgetary allocation (O & M cost):	114.48 Lacs/Anum

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavation material shall be completely reused on site for road leveling, filling and construction of retaining Wall.
	Disposal of the construction waste debris:	Construction waste material shall be partly recycled and remaining shall be disposed to the authorized land fill site
Waste generation in the operation Phase:	Dry waste:	5341 kg/day
	Wet waste:	3564 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	360 kg/day
	Others if any:	E-Waste: 25 kg/day
Mode of Disposal of waste:	Dry waste:	To authorized recyclers
	Wet waste:	Treatment in Organic Waste Convertors (OWC)
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	E-Waste :Stored separately and disposed through authorized recyclers.
Area requirement:	Location(s):	Stilt Level
	Area for the storage of waste & other material:	Details shall be submitted
	Area for machinery:	Details shall be submitted
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	54.00 Lacs
	O & M cost:	16.23 Lacs/Anum

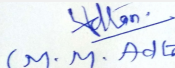
37.Effluent Charecterestics

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			


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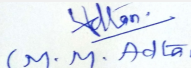

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Capacity of the ETP:	Not applicable						
Amount of treated effluent recycled :	Not applicable						
Amount of water send to the CETP:	Not applicable						
Membership of CETP (if require):	Not applicable						
Note on ETP technology to be used	Not 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 :		13761.47 sq.mt.					
No of trees to be cut :		Details shall be submitted					
Number of trees to be planted :		Details shall be submitted					
List of proposed native trees :		Details shall be submitted					
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	Details shall be submitted	--	--	--			
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 :	Local Authority
	During Construction Phase: (Demand Load)	150 KW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	23104 KW
	During Operation phase (Demand load):	16273 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	Rehabilitation : 3 DG Sets of Capacity 750 kVA Each and 1 DG Set of Capacity 625 kVA Sale: 1 DG Set of Capacity 750 kVA and 1 DG Set of Capacity 380 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

- Provision of LED Light in Common area and for External / Landscaping Lighting
- Provision of VFD , high efficient pump & BEE Certified Motors
- Provision of Solar lighting for External Light (Standalone with PV panel)
- Provision of Solar hot water heater system

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Details Shall be Submitted	Details Shall be Submitted

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	Sewage Treatment Plan (STP)
Biodegradable Solid waste	Not applicable	Organic Waste Convertor (OWC)

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Details Shall be Submitted
	O & M cost:	Details Shall be Submitted

51. Environmental Management plan Budgetary Allocation

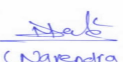
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Air Environment	1.58
2	Air Environment	Air and Noise quality: By outside MoEF & CC Approved Laboratory	0.22

3	Air Environment	Air and Noise quality: Sensors for Air quality & Noise level monitoring	1.93
4	Water Environment	Drinking water analysis	0.03
5	Land Environment	Site Sanitation	1.43
6	Socio-Economic Environment	Disinfection- Pest Control at site	1.20
7	Socio-Economic Environment	Health Check Up of workers	7.50

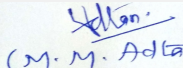
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR & NOISE ENVIRONMENT - Cost for Ambient Air quality & Noise Monitoring:	On site sensors	No set up cost is involved as already considered Construction Phase	0.50
2	AIR & NOISE ENVIRONMENT - Cost for Ambient Air quality & Noise Monitoring:	By outside MoEF & CC Approved Laboratory	*No set up cost is involved	0.22
3	AIR & NOISE ENVIRONMENT - Cost for Ambient Air quality & Noise Monitoring:	4 nos. of stacks	*No set up cost is involved	0.05
4	AIR & NOISE ENVIRONMENT - Cost for Ambient Air quality & Noise Monitoring:	13761.50 Sq. mt. of RG area on ground	75.69	1.20
5	WATER ENVIRONMENT - Cost for Waste water treatment	Cost for sewage Treatment Plants	477.86	108.32
6	WATER ENVIRONMENT - Cost for water & waste water Monitoring	On site sensors	108.00	6.00
7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	*No set up cost is involved	0.16
8	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for 13 Nos. of RWH tanks	30.60	1.53
9	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for Rain Water collected in tanks	39.00	0.21


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10	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Rainwater Monitoring	No set up cost is involved	0.59
11	LAND ENVIRONMENT - Cost for Solid Waste Management	6 Nos. OWC	54.00	16.23
12	LAND ENVIRONMENT - Cost for Solid Waste Management	Cost for manure Monitoring	No set up cost is involved	0.48

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

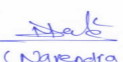
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

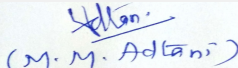
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	One entry- Exit for Rehabilitation and One entry exit for Sale
Parking details:	Number and area of basement:	As mentioned in point. No. 24
	Number and area of podia:	Not Applicable
	Total Parking area:	56990.49 Sq.mt
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Parking spaces provision : 607 Nos.
	Number of 4-Wheelers as approved by competent authority:	Parking spaces provision : 2426 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Min 6.0 mt. driveway
	CRZ/ RRZ clearance obtain, if any:	Not Applicable


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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Approx. 4.00 Km , Thane creek flamingo sanctuary: Approx. 3.00 Km
	Category as per schedule of EIA Notification sheet	8 (b)
	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

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed Slum Rehabilitation (SRA) Scheme along with Sale Component at . at CTS no. 23A (Pt.), 26A(Pt.) & 27(Pt.), at Hiranandani Garden, Village-Powai, Mumbai by M/s. RBS Real Estate Ventures Pvt. Ltd.

PP had submitted withdrawal request by letter dated 16/05/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

DECISION OF SEAC

PP had submitted withdrawal request by letter dated 16/05/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

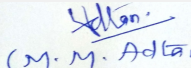
FINAL RECOMMENDATION

Kindly find SEAC decision above.


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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Revalidation of the project Residential cum Commercial project "Mayfair Virar Garden" at Land bearing S.No.195 H.No.1 & 2, S. No.196 H. No.1D, S.No.211 H. No.11/1/3 & 14/1 S.No.212 H.No.1, 3, 4 & 8/1, 8/2, S. No.213, 214, 215, 216, S. No.223 H.No.1, 2 & 3, S. No.224 H. No.1 to 18, S. No. 225 H. No. 1, 3/1, 3/2, 5, 6 & 8, S. No. 226 H. No.3/2, S. No.227 H. No.1, 2/1, 2/2, 3, 4, 5, S.No.228 H.No.3/2, of Village Bolinj, Tal. Vasai, Dist. Palghar by M/s. Mayfair Housing.

Is a Violation Case: No

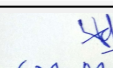
1.Name of Project	Mayfair Virar Garden
2.Type of institution	Private
3.Name of Project Proponent	M/s. Mayfair Housing
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Residential and commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Revalidation
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environment Clearance received from the MOEF, Delhi having File F.No.21-614/2006-IA.III dated 21st May, 2007
8.Location of the project	Land bearing S.No.195 H.No.1 & 2, S. No.196 H. No.1D, S.No.211 H. No.11/1/3 & 14/1 S.No.212 H.No.1, 3, 4 & 8/1, 8/2, S. No.213, 214, 215, 216, S. No.223 H.No.1, 2 & 3, S. No.224 H. No.1 to 18, S. No. 225 H. No. 1, 3/1, 3/2, 5, 6 & 8, S. No. 226 H. No.3/2, S. No.227 H. No.1, 2/1, 2/2, 3, 4, 5, S.No.228 H.No.3/2, of Village Bolinj, Tal. Vasai, Dist. Palghar
9.Taluka	Vasai
10.Village	Bolinj
Correspondence Name:	Mr. Nayan A. Shah
Room Number:	11th
Floor:	-
Building Name:	Mayfair Meridian
Road/Street Name:	Ceaser Road
Locality:	Andheri (West)
City:	Mumbai - 400058
11.Whether in Corporation / Municipal / other area	Vasai Virar City Municipal Corporation (VVCMC)
12.IOD/IOA/Concession/Plan Approval Number	YES IOD/IOA/Concession/Plan Approval Number: In, 2007, Approval received from CIDCO for construction OC Number VVCMC/TP/OC/VP-0278/468/2012-13 Dated: 02/02/2013 we had completed construction of 18 buildings constituting total construction area of 40925.97 sqm. Now, approval authority is Vasai Virar City Municipal Corporation (VVCMC) Approved Built-up Area: 79517.54
13.Note on the initiated work (If applicable)	We have started the construction as per received EC dated 21st May, 2007. We have completed 18 nos. of buildings, and club house constituting total area of about 40,925.97 m2 and we had stop the construction activity in April, 2012
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	88006.240 sqm
16.Deductions	15601.488 sqm
17.Net Plot area	72404.752
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 79517.54 b) Non FSI area (sq. m.): 38780.00 c) Total BUA area (sq. m.): 118297.54
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 79517.54 Approved Non FSI area (sq. m.): - Date of Approval: 02-02-2013


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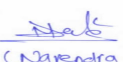
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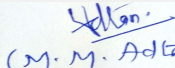
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19.Total ground coverage (m2)	11600			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12.4 %			
21.Estimated cost of the project	1344500000			
22.Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Residential (35 no's)	Ground + 7 Floors	23.80 m	
2	Commercial	Ground	3.20 m	
3	School	Ground + 4 Floors	15.00 m	
4	Club House	Ground + 1 Floor	8.00 m	
23.Number of tenants and shops	Residential: 1667 no's, Commercial: Shops: 67 nos + offices + Restaurant + Multiplex + Hotels School: 1 no, Club House: 1 no			
24.Number of expected residents / users	Residential: 8335, Commercial: 7356, School: 611, Club House: 300			
25.Tenant density per hectare	179 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 D.P. Road. Internal Road 20 m & 12 m			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12 m			
29.Existing structure (s) if any	We have started the construction as per received EC. We have completed 18 nos. of buildings, and club house constituting total area of about 40,925.97 m2 and we had stop the construction activity in April, 2012			
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				

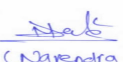

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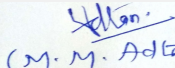

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Dry season:	Source of water	VVCMC, Recycled water from STP								
	Fresh water (CMD):	820								
	Recycled water - Flushing (CMD):	480								
	Recycled water - Gardening (CMD):	196								
	Swimming pool make up (Cum):	5								
	Total Water Requirement (CMD) :	1040								
	Fire fighting - Underground water tank(CMD):	Cluster No. 1 (Residential): 65 KLD, Cluster No. 2 (Residential): 50 KLD, Cluster No. 3 (Residential): 70 KLD & for Club House 75 KLD								
	Fire fighting - Overhead water tank(CMD):	-								
	Excess treated water	364								
Wet season:	Source of water	VVCMC, Recycled water from STP, RWH								
	Fresh water (CMD):	820								
	Recycled water - Flushing (CMD):	480								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	1300								
	Fire fighting - Underground water tank(CMD):	Cluster No. 1 (Residential): 65 KLD, Cluster No. 2 (Residential): 50 KLD, Cluster No. 3 (Residential): 70 KLD & for Club House 75 KLD								
	Fire fighting - Overhead water tank(CMD):	-								
	Excess treated water	560								
Details of Swimming pool (If any)		Yes								
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:	3.8 m
	Size and no of RWH tank(s) and Quantity:	-
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	15 no's
	Size of recharge pits :	10 m x 20 m x 1.35 m
	Budgetary allocation (Capital cost) :	10.0 lakh
	Budgetary allocation (O & M cost) :	1.5 lakh/year
	Details of UGT tanks if any :	Residential buildings having 18 no's of UGTs
35.Storm water drainage	Natural water drainage pattern:	As per natural slope of the plot
	Quantity of storm water:	2.6 m ³ /sec
	Size of SWD:	0.9 m x 0.850 m
Sewage and Waste water	Sewage generation in KLD:	1040
	STP technology:	MBBR
	Capacity of STP (CMD):	2 no's of STP (750 KLD & 350 KLD)
	Location & area of the STP:	On Ground
	Budgetary allocation (Capital cost):	90.0 lakh
	Budgetary allocation (O & M cost):	0.9 lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Project is for revalidation
	Disposal of the construction waste debris:	As per EC received 18 no's of buildings are completed. And Disposal of the construction waste debris as per the norms.
Waste generation in the operation Phase:	Dry waste:	3397 kg/day
	Wet waste:	2264 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	10 kg/day
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	Packaging type waste is sold to authorized dealers, Recyclable waste is also sold to authorized dealers, Non-Recyclable waste is utilized by filling it in a low lying area
	Wet waste:	Biodegradable waste will be processed in OWC and manure so obtained will be used for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dry sludge can be used as manure for plantation & gardening purposes inside the premises
	Others if any:	NA
Area requirement:	Location(s):	On Ground
	Area for the storage of waste & other material:	240 sqm
	Area for machinery:	10 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	10.0 lakh
	O & M cost:	3.0 lakh

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

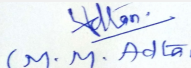
40. Details of Fuel to be used

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


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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	14480.95 sqm		
	No of trees to be cut :	-		
	Number of trees to be planted :	515 no's		
	List of proposed native trees :	As noted below		
	Timeline for completion of plantation :	7 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	Spathodea compunalata	Spathodea / Fountain Tree	31	Commonly known as the African tulip tree This tree is planted extensively as an ornamental tree throughout the tropics and is much appreciated for its very showy reddish-orange or crimson (rarely yellow), campanulate flowers
2	Roystonea regia	Bottle Palm	25	Roystonea regia, commonly known as the Cuban royal palm. Its flowers are visited by birds and bats, and it serves as a roosting site and food source for a variety of animals
3	Plumeria alba	Plumeria	10	Flowering plant, shrub type, Plumeria flowers are most fragrant at night
4	Mimusops elengli	Bakul	5	Mimusops elengi is a medium-sized evergreen tree found in tropical forests in South Asia its timber is valuable, the fruit is edible, and it is used in traditional medicine
5	Acacia auticuliformis	Acacia	4	Acacia auriculiformis is an evergreen tree that grows between to 15-30 m tall This plant is raised as an ornamental plant, as a shade tree and it is also raised on plantations for fuelwood throughout southeast Asia
6	Terminalia catappa	False almond, Badam	30	Terminalia catappa is a large tropical tree. The tree grows to 35 m. The fruit is edible, tasting slightly acidic.
7	Peltophorum spp.	Peltophorum	40	It is a deciduous tree growing to 15-25 m. The wood has a wide variety of uses, including cabinet-making and the foliage is used as a fodder crop

8	<i>Azadirachta indica</i>	Neem	6	Young leaves are reddish to purple in color and turn into dark green pinnate leaves on maturity. Neem products have medicinal properties that prove to be anthelmintic, antifungal, anti-diabetic, antibacterial, antiviral, anti-fertility and sedative. Neem is a fast-growing tree, height is 15-20 m. Evergreen tree.
9	<i>Tabebuia argentea</i>	Tabebuia	165	The wood of Tabebuia is light to medium in weight is an important timber tree of tropical America
10	<i>Samanea saman</i>	Rain Tree	9	Saman is a wide-canopied tree with a large symmetrical crown. It usually reaches a height of 25 m. Its origin is the moisture that collects on the ground under the tree, largely the honeydew-like discharge of cicadas feeding on the leaves.
11	<i>Delonix regia</i>	Gulmohar	34	<i>Delonix regia</i> is a species of flowering plant. The flowers of <i>Delonix regia</i> are large, with four spreading scarlet or orange-red petals up to 8 cm long
12	<i>Ficus religiosa</i>	Pimpal	6	<i>Ficus religiosa</i> or sacred fig is a species of fig native to the Indian subcontinent. <i>Ficus religiosa</i> is a large dry season-deciduous or semi-evergreen tree up to 30 metres (98 ft) tall and with a trunk diameter of up to 3 metres (9.8 ft).
13	<i>Cocos nucifera</i>	Coconut	50	Coconuts are known for their great versatility, as evidenced by many traditional uses, ranging from food to cosmetics
14	<i>Lagerstroemia indica</i>	Lagerstroemia	24	<i>Lagerstroemia</i> commonly known as crape myrtle or crepe myrtle "banaba". Crepe myrtles are chiefly known for their colorful and long-lasting flowers which occur in summer.
15	<i>Casia fistula</i>	Bahava	5	Flowering tree. Golden shower tree is a medium-sized tree, growing to 10-20 m. Tree has strong and very durable wood, & has been used to construct. Also having Medicinal use
16	<i>Polyalthia longifolia</i>	Ashoka	20	<i>Polyalthia longifolia</i> (False Ashoka) is a lofty evergreen tree, native to India, commonly planted due to its effectiveness in alleviating noise pollution. It exhibits symmetrical pyramidal growth with willowy weeping pendulous branches and long narrow lanceolate leaves with undulate margins. The tree is known to grow over 30 ft in height

17	Alstonia scholaris	Alstonia	20	It is an evergreen tropical tree The wood of Alstonia scholaris has been recommended for the manufacture of pencils, as it is suitable in nature and the tree grows rapidly and is easy to cultivate
18	Thevetia nerifolium	Thevetia	6	Cascabela thevetia (syn: Thevetia peruviana) is a poisonous plant native to central and southern Mexico and Central America, and cultivated widely as an ornamental plant
19	Mangifera indica	Mango	1	It is a large fruit-tree, capable of a growing to a height and crown width of about 100 feet and trunk circumference of more than twelve feet
20	Cordia sebestena	Cordia	3	Cordia sebestena is a shrubby tree Cordia sebestena grows to a maximum height of 25-30 feet at maturity
21	Phoenix dactylifera	Date palm	2	Phoenix dactylifera, commonly known as date or date palm Date trees typically reach about 21-23 meters (69-75 ft) in height
22	Tamarindus indica	Tamrind	3	Tamarind (Tamarindus indica) is a leguminous tree The tamarind tree produces edible, pod-like fruit which is used extensively in cuisines around the world
23	Artocarpus heterophyllus	Jack fruit	2	It is native to parts of South and Southeast Asia its fruit is the largest tree-borne fruit, reaching as much as 35 kg (80 lb) in weight, 90 cm (35 in) in length, and 50 cm (20 in) in diameter
24	Eugenia jambulana	Jamun	7	A slow growing species, it can reach heights of up to 30 m and can live more than 100 years. Its dense foliage provides shade and is grown just for its ornamental value
25	Anthocephalus kadamba	Kadamb	4	kadam locally, is an evergreen, tropical tree native to South and Southeast Asia A fully mature kadam tree can reach up to 45 m (148 ft) in height. It is a large tree with a broad crown and straight cylindrical bole
26	Acarpus sapota	Sapota	3	Mamey sapote is a large and highly ornamental evergreen tree that can reach a height of 15 to 45 meters (49 to 148 ft) at maturity The fruit is eaten raw or made into milkshakes, smoothies, ice cream and fruit bars. It can be used to produce marmalade and jelly
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 :	M.S.E.B
	During Construction Phase: (Demand Load)	29.92 kW
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	13000 kW
	During Operation phase (Demand load):	6611.49 kW
	Transformer:	2 no. Transformers of 2,500 kVA and 8 no. of Transformers having 500 kVA
	DG set as Power back-up during operation phase:	8 no's
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

- Use of Capacitors
- Use of CFL lightings
- Use of solar energy for hot water and Landscape lightings
- Use of energy efficient electrical appliances such as AC, Bulbs and mechanical ventilation system
- Automatic sensor operated flushing system and water supply system
- Use of high energy efficient lamp with higher efficiency lumens/watt
- External lighting will be through photocell and timer with dual wattage ballast which reduces the lux level by 50% during night hours
- Occupancy sensor and daylight sensor in all the toilets, utility rooms, plant room & mechanical rooms (switched on/off by sensing occupancy)
- Use of STP treated waste water for AC, Fire Fighting and Gardening
- By adopting all these methods the energy conservation will be reduced rather than using conventional electrical appliances
- Solar Panel: for street lighting and Hot water:
- Solar panel for street lighting is 20 no.
- Solar panel for Hot water is 16 no.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	12 %

50.Details of pollution control Systems

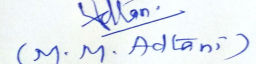
Source	Existing pollution control system	Proposed to be installed
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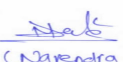
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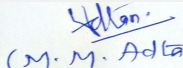
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Not applicable	Not applicable		Not applicable				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20.0 lakh					
	O & M cost:	1.0 lakh/year					
51.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	2.0 lakh				
2	Noise Environment	Noise Barricades and Green Belt Developments	0.5 lakh				
3	Water Environment	Modular STP, Drainage with sedimentation tanks	2.5 lakh				
4	Good Health Practices	Site Sanitation & Health	3.0 lakh				
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	1.5 lakh				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Energy Conservation	Solar	20.0	1.0			
2	Waste Water Management	STP	90.0	0.9			
3	Water Conservation	RWH Tanks	10.0	1.5			
4	Land Environment	Landscaping	20.0	2.0			
5	MSW	Construction & Maintenance	10.0	3.0			
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							
53.Traffic Management							


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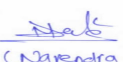
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	Nos. of the junction to the main road & design of confluence:	3 no's
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	21408 sqm
	Area per car:	24 sqm
	Area per car:	24 sqm
	Number of 2-Wheelers as approved by competent authority:	1667 no's
	Number of 4-Wheelers as approved by competent authority:	892 no's
	Public Transport:	nil
	Width of all Internal roads (m):	12.0 m wide
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	4.50 Km
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	NA
	Other Relevant Informations	Reduction in Plot area is due to deletion of the Plot area not in possession.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

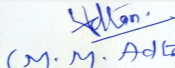
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

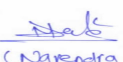

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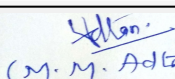

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Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	
Environment Clearance for Revalidation of the project Residential cum Commercial project "Mayfair Virar Garden" at Land bearing S.No.195 H.No.1 & 2, S. No.196 H. No.1D, S.No.211 H. No.11/1/3 & 14/1 S.No.212 H.No.1, 3, 4 & 8/1, 8/2, S. No.213, 214, 215, 216, S. No.223 H.No.1, 2 & 3, S. No.224 H. No.1 to 18, S. No. 225 H. No. 1, 3/1, 3/2, 5, 6 & 8, S. No. 226 H. No.3/2, S. No.227 H. No.1, 2/1, 2/2, 3, 4, 5, S.No.228 H.No.3/2, of Village Bolinj, Tal. Vasai, Dist. Palghar by M/s. Mayfair Housing. PP had submitted withdrawal request by letter dated 17/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
DECISION OF SEAC	
PP had submitted withdrawal request by letter dated 17/06/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.	
Specific Conditions by SEAC:	
FINAL RECOMMENDATION	
Kindly find SEAC decision above.	


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135th Meeting of State Level Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 135th -Day-2 -Part-2 Meeting Date July 1, 2020

Subject: Environment Clearance for Proposed Slum Rehabilitation Scheme on Plot Bearing C.T.S No 886(pt) of village Kandivali, Link Road, Kandivali (west), Mumbai - 67

Is a Violation Case: No

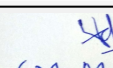
1.Name of Project	Proposed S.R. Scheme on plot bearing C.T.S No.886(pt) of village Kandivali, Link Road, Kandivali (West), Mumbai-67.
2.Type of institution	Private
3.Name of Project Proponent	M/s Bombay Slum Redevelopment Corporation Limited
4.Name of Consultant	Enviro Analyst and Engineers Pvt Ltd
5.Type of project	SRA scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing C.T.S No.886 (pt) of village Kandivali, Link Road, Kandivali (West), Mumbai-67.
9.Taluka	Borivali
10.Village	Kandivali
Correspondence Name:	M/s Bombay Slum Redevelopment Corporation Limited
Room Number:	605
Floor:	sixth floor
Building Name:	Trade Centre
Road/Street Name:	Bandra Kurla Complex
Locality:	Bandra East
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	SRA/ENG/3167/RS/STGL/AP Dated- 05 Feb 2016
	IOD/IOA/Concession/Plan Approval Number: SRA/ENG/2972/RS/STGL/AP Dated- 27 Oct 2015
	Approved Built-up Area: 17969.22
13.Note on the initiated work (If applicable)	Sale Building : Ground + 11 Upper floors , Rehab Building : Ground + 20 Upper floors, Construction Area initiated : 15963.36 sq. mtrs.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI under no. SRA/ENG/2729/RS/STGL/LOI
15.Total Plot Area (sq. m.)	4043.25
16.Deductions	1994.73
17.Net Plot area	2048.52
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15172.64
	b) Non FSI area (sq. m.): 8382.42
	c) Total BUA area (sq. m.): 23555.06
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 11668.33
	Approved Non FSI area (sq. m.): 6300.89
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	1104.00
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	53.89
21.Estimated cost of the project	890000000


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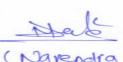
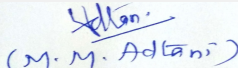
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sale Building	Ground Floor + 23 Floors	69.95
2	Rehab Building	Ground Floor + 22 Floors	69.90
23.Number of tenants and shops	275		
24.Number of expected residents / users	1221		
25.Tenant density per hectare	700		
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 DP road		
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	Sale Building : Ground + 11 Upper floors , Rehab Building : Ground + 20 Upper floors , Construction Area initiated : 15963.36 sq. mtrs.		
30.Details of the demolition with disposal (If applicable)	Slums (147 nos.) already demolished and demolition waste disposed as per SWM NOC		

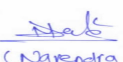
31.Production Details

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

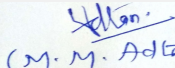
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Dry season:	Source of water	MCGM/STP								
	Fresh water (CMD):	110								
	Recycled water - Flushing (CMD):	55								
	Recycled water - Gardening (CMD):	8								
	Swimming pool make up (Cum):	N.A								
	Total Water Requirement (CMD) :	173								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	25								
	Excess treated water	94								
Wet season:	Source of water	MCGM/STP								
	Fresh water (CMD):	110								
	Recycled water - Flushing (CMD):	55								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	N.A								
	Total Water Requirement (CMD) :	173								
	Fire fighting - Underground water tank(CMD):	300								
	Fire fighting - Overhead water tank(CMD):	25								
	Excess treated water	102								
Details of Swimming pool (If any)		N.A								
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:	2.3m Below Ground Level
	Size and no of RWH tank(s) and Quantity:	Nos Provide : 1, Capacity 75 cum
	Location of the RWH tank(s):	Below Ground
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	10,00,000
	Budgetary allocation (O & M cost) :	1,00,000
	Details of UGT tanks if any :	N.A
35.Storm water drainage	Natural water drainage pattern:	West to East
	Quantity of storm water:	0.10 m3/sec
	Size of SWD:	0.45 m X 0.50 m
Sewage and Waste water	Sewage generation in KLD:	149
	STP technology:	MBBR
	Capacity of STP (CMD):	2 STP of total capacity of 165 KLD
	Location & area of the STP:	Near Sale Building
	Budgetary allocation (Capital cost):	40,00,000
	Budgetary allocation (O & M cost):	6,00,000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	660
	Disposal of the construction waste debris:	As per applicable laws
Waste generation in the operation Phase:	Dry waste:	260
	Wet waste:	400
	Hazardous waste:	N.A
	Biomedical waste (If applicable):	N.A
	STP Sludge (Dry sludge):	8
	Others if any:	N.A

Mode of Disposal of waste:	Dry waste:	To be hand over to local recyclers for recycling
	Wet waste:	To be processed in OWC. Manure obtained shall be used for landscaping/ Gardening. Excess manure should be sold to nearby end users.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Applicable
	STP Sludge (Dry sludge):	To be used as manure
	Others if any:	E waste shall be handed over to MPCB authorized dealers
Area requirement:	Location(s):	Near Rehab building
	Area for the storage of waste & other material:	40
	Area for machinery:	5
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	10
	O & M cost:	2.5

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

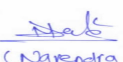
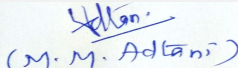
39. Stacks emission Details

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 :	166.60		
	No of trees to be cut :	2		
	Number of trees to be planted :	28		
	List of proposed native trees :	Mangifera indica, Azadirachta Indica, Manilkara zapota, Polyalthia longifolia, Ficus Bengalensis, Plumeria alba		
	Timeline for completion of plantation :	By the End of Construction Phase		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mangifera indica	Mango	2	Evergreen , Shade throughout the year
2	Azadirachta Indica	Neem	6	Medicinal Tree
3	Manilkara zapota	Chickoo	2	Fruiting Tree
4	Polyalthia longifolia	False Ashoka	12	Ornamental Tree
5	Ficus Bengalensis	Pimpal	3	Religious & Ornamental Tree
6	Plumeria alba	Chafa	3	Flowering Tree
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	N.A	N.A	N.A	
47.Energy				

Power requirement:	Source of power supply :	Adani Electricity
	During Construction Phase: (Demand Load)	45 KW
	DG set as Power back-up during construction phase	25 kVA
	During Operation phase (Connected load):	12002 KW
	During Operation phase (Demand load):	1335 KW
	Transformer:	1335 KW
	DG set as Power back-up during operation phase:	200 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	N.A

48. Energy saving by non-conventional method:

LED, VFD Drives, High Efficiency Equipments

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total % Savings	For Rehab - 20% & For Sale - 18%

50. Details of pollution control Systems

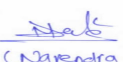
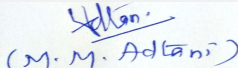
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	30,00,000
	O & M cost:	2,00,000

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development	2
2	EHS	Site Sanitation, Disinfection + Health Checkup	3
3	Environmental	Green belt Development	1.5
4	Water	Water supply to septic tank	2

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5	Noise	Barricade of Site	1.5
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b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH tanks	10	1
2	Solid Waste Management	OWC	10	2.5
3	Wastewater Management	STP	40	6
4	Energy Savings	Solar PV and Hot water & LED	30	2
5	Green Belt	Landscaping	5	0.5

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

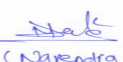
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

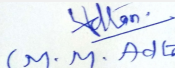
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	N.A
Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	259.89
	Area per car:	2.04 sq.m
	Area per car:	2.04 sq.m
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	215
	Public Transport:	N.A
	Width of all Internal roads (m):	6


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	CRZ/ RRZ clearance obtain, if any:	N.A
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	N.A
	Category as per schedule of EIA Notification sheet	N.A
	Court cases pending if any	N.A
	Other Relevant Informations	N.A
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed Slum Rehabilitation Scheme on Plot Bearing C.T.S No 886(pt) of village Kandivali, Link Road, Kandivali (west), Mumbai by M/s Bombay Slum Redevelopment Corporation Limited.

PP had submitted withdrawal request by letter dated 07/03/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

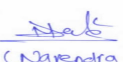
DECISION OF SEAC

PP had submitted withdrawal request by letter dated 07/03/2020, Committee decided to accept the same & forward the same to SEIAA for further necessary action.

Specific Conditions by SEAC:

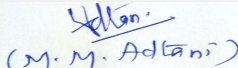
FINAL RECOMMENDATION

Kindly find SEAC decision above.


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