


Agenda of 104th Day-2 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 Meeting Date June 27, 2019

Subject: Environment Clearance for Environment Clearance for proposed Residential and Commercial project at Village Sarang & Vehale, Taluka Bhiwandi, District Thane by Xrbia Warai Developers Pvt. Ltd.

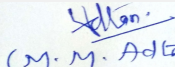
Is a Violation Case: No

1.Name of Project	Proposed Residential and Commercial project at Village Sarang & Vehale, Taluka Bhiwandi, District Thane by Xrbia Warai Developers Pvt. Ltd. & 4 others (Sujitkumar Jitpratap Singh, Homeway Landmark LLP, Ashish Vijay Bhansali, Vijay Motilal Bhansali)
2.Type of institution	Private
3.Name of Project Proponent	Xrbia Warai Developers Pvt. Ltd. & 4 Others (Sujitkumar Jitpratap Singh, Homeway Landmark LLP, Ashish Vijay Bhansali, Vijay Motilal Bhansali)
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd., F-7, Road No. 21, Wagle Estate, Thane (West)-400604
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	Land bearing Gat no. 12/1, 12/3/a, 12/3/b, 13/4, 13/13, 14/3, 13/3,13/12, 14/5 of Village Vehale and 52, 53/1, 53/8, 53/5, 53/6, 54/1, 49/5, 49/12, 49/6, 53/4, 53/2, 49/10, 53/3, 53/7, 53/9 of Village Sarang, Taluka Bhiwandi, District Thane.
9.Taluka	Bhiwandi
10.Village	Sarang & Vehale
Correspondence Name:	Mr. Veer Bharati Kouls (Authorized Person for Correspondence)
Room Number:	929
Floor:	1st Floor
Building Name:	Mantri House
Road/Street Name:	FC Road
Locality:	Pune
City:	Pune
11.Whether in Corporation / Municipal / other area	Mumbai Metropolitan Region Development Authority (MMRDA)
12.IOD/IOA/Concession/Plan Approval Number	Received IOD vide no. SROT/BSNA/2501/BP/Sarang-Vehale-01/2546/2018 dated 27.12.2018 IOD/IOA/Concession/Plan Approval Number: Received IOD vide no. SROT/BSNA/2501/BP/Sarang-Vehale-01/2546/2018 dated 27.12.2018 Approved Built-up Area: 128472
13.Note on the initiated work (If applicable)	No work has been initiated as it is a new project
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	55,800 m2
16.Deductions	Total deductions 3,290 m2 (Road widening (45 m) : 2,443 m2 , Proposed railway line-847 m2)
17.Net Plot area	52,420 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 73,875 m2 b) Non FSI area (sq. m.): 54,597 m2 c) Total BUA area (sq. m.): 128472
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 73,875 m2 Approved Non FSI area (sq. m.): 54,597 m2 Date of Approval: 27-12-2018
19.Total ground coverage (m2)	9,683.06 m2


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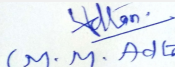
20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		18.47 % of total net plot area		
21. Estimated cost of the project		2070000000		
22. Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A1	P + 22 floors	66.70	
2	Building B1	P + 17 floors	52.45	
3	Building B2	P + 17 floors	52.45	
4	Building B3	P + 17 floors	52.45	
5	Building C1	P + 21 floors	63.85	
6	Building D1	G + 1 floor + 20 parking floors	66.30	
23. Number of tenants and shops		1. Total number of tenements - 3,157 nos. 2. Total number of shops - 50 nos.		
24. Number of expected residents / users		Total population - 12,295 nos. (Residential population - 12,145 nos., Commercial population - 150 nos.)		
25. Tenant density per hectare		602 tenants/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))		45 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		Internal road - 12 m & Turning radius - 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				

Dry season:	Source of water		S.T.E.M, Thane						
	Fresh water (CMD):		1,097						
	Recycled water - Flushing (CMD):		549						
	Recycled water - Gardening (CMD):		103						
	Swimming pool make up (Cum):		Not applicable						
	Total Water Requirement (CMD) :		1,646						
	Fire fighting - Underground water tank(CMD):		As per Fire NOC						
	Fire fighting - Overhead water tank(CMD):		As per Fire NOC						
	Excess treated water		575						
Wet season:	Source of water		S.T.E.M, Thane						
	Fresh water (CMD):		1,097						
	Recycled water - Flushing (CMD):		549						
	Recycled water - Gardening (CMD):		51						
	Swimming pool make up (Cum):		Not applicable						
	Total Water Requirement (CMD) :		1,646						
	Fire fighting - Underground water tank(CMD):		As per Fire NOC						
	Fire fighting - Overhead water tank(CMD):		As per Fire NOC						
	Excess treated water		626						
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


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer season -18.40 m to 24.00 m below ground level (21.20 m below ground level average), Rainy season - 8.80 m to 13.00 m below ground level (10.90 m below ground level average), Winter season - 13.60 m to 18.50 m below ground level (16.05 m below ground level average)
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	11 nos. of recharge pits
	Size of recharge pits :	2 m x 2 m x 2 m
	Budgetary allocation (Capital cost) :	Rs.20 Lakh
	Budgetary allocation (O & M cost) :	Rs.4 Lakh/Year
	Details of UGT tanks if any :	1. Domestic UG tank capacity - 1,097 m ³ 2. Flushing UG tank capacity - 550 m ³ 3. Fire UGT tank capacity - As per Fire NOC
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	32.27 m ³ /min
	Size of SWD:	Pipe and chamber network diameter 150, 200, 250, 300, 450 mm
Sewage and Waste water	Sewage generation in KLD:	1,400 m ³ /day
	STP technology:	Moving Bed Biofilm reactor (MBBR)
	Capacity of STP (CMD):	1 no. of STP having capacity 1,469 m ³ /day
	Location & area of the STP:	Location - On ground (South side of the project), Area of STP - 700 m ²
	Budgetary allocation (Capital cost):	Rs.115 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:	The total excavation quantity is 16,580 m ³
	Disposal of the construction waste debris:	The debris will be stored in amenty space & will be used for landscaping purpose.
Waste generation in the operation Phase:	Dry waste:	1,433 kg/day
	Wet waste:	2,204 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	99 kg/day
	Others if any:	E-waste - 37 kg/day

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..
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	200 m2
	Area for machinery:	55 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.30 Lakh
	O & M cost:	Rs.3 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

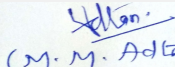
40.Details of Fuel to be used

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 :	13,342.20 m ²
	No of trees to be cut :	19 nos. of trees will be cut/transplanted
	Number of trees to be planted :	698 nos.
	List of proposed native trees :	Provided
	Timeline for completion of plantation :	6 to 9 months after completion of Civil Works.

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 Lebbek	Shirish	22	Shady tree with yellowish green fragrant flowers
2	Artocarpus heterophyllus	Fanas	46	Shady tree, arrests soil erosion
3	Azadirachta indica	Neem/ Kadunimb	38	Hardy, drought resistant Medicinal Tree
4	Bauhinia purpurea	Apata /Kanchan	28	Butterfly-host tree
5	Cassia fistula	Bhava	24	Drought-resistant, Shady Tree
6	Dalbergia Sisoo	Sisoo/ Shisham	27	Drought-resistant, Shady Tree
7	Lagerstroemia Flosreginae	Tamhan	33	Hardy, Shady, Ornamental Tree
8	Mangifera Indica	Mango/ Amba	93	Fruits attract birds and butterflies
9	Michelia Champaka	Piwala Chapha	15	Butterfly Host Plant
10	Mutingia Calabaura	Cherry	94	Fruits attract Birds and Butterflies
11	Pterospermum Acerifolium	Muchkund	37	Quick growing tree
12	Pongamia Pinnata	Karanj	20	Shade-giving tree
13	Saraca Indica	Sita Ashok	60	Shade-giving tree
14	Syzgium Cumini	Jamun/ Jambhul	99	Shady Tree, fruits attract birds and butterflies
15	Tamarindus Indica	Imli/ chinch	62	Shady tree, fruits attract birds and butterflies
16	Total No of Trees	-	698	-
17	Existing Trees	-	10 nos. (to retained) + 19 nos. (to be cut/transplanted) = 29 nos.	-

45.Total quantity of plants on ground

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

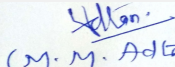
Serial Number	Name	C/C Distance	Area m ²
1	Not applicable	Not applicable	Not applicable

47.Energy


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Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Ltd. (MSEDCL)
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	1 no. x 125 kVA
	During Operation phase (Connected load):	4,540 kW
	During Operation phase (Demand load):	3,766 kW
	Transformer:	6 nos. x 630 kVA
	DG set as Power back-up during operation phase:	1 no. x 400 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

? LED lights, VFD and APFC Panel in Lifts, Water pumps for non-conventional
 ? Solar hot water systems for residential building.
 ? Solar panel lights will be installed for common facilities wherever possible.
 ? Solar street lights are proposed for common area such as open spaces, pathways, RG etc. for the conventional method.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving from LED Lights	1.78%
2	Energy Saving from VFD & APFC in Lifts	0.21%
3	Energy Saving from VFD in Pumps	0.70%
4	Energy Saving from Solar Water Heaters	13.44%
5	Energy Saving from Solar PV	0.52%
6	Overall energy saving for the project	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:	Rs.127 Lakh
	O & M cost:	Rs.15 Lakh/year

51. Environmental Management plan Budgetary Allocation

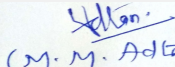
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	Air water Environment	During the construction phase, water will be required for sprinkling for suppression of dust and for construction purpose.	2
2	Site sanitation & Health Safety	Toilet facility provided to the labours. Six monthly health checkup and doctor visit as per requirement, First aid facilities	5
3	Environment Monitoring	Ambient air, drinking water, noise and soil testing on monthly basis.	2
4	Disinfection	Cleaning and maintaining the site.	3
5	Health Check up	Masks, Ear plugs, safety shoes, safety goggles, safety harness, Safety belt, helmets, safety net, hand gloves etc.	3
6	Total	-	15

b) Operation Phase (with Break-up):

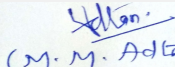
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment plant	1 no. of STP having capacity of 1,469 m ³ /day	115.00	32.00
2	Solid Waste management	1 no. of OWC unit	30.00	3.00
3	Landscape & Irrigation Development	698 nos. of trees to be planted. Developed and maintained landscape area is 13,348.20 m ²	55.00	6.00
4	Environment Monitoring	Air, Water, Noise, Soil, surface water, STP treated water etc.	MoEF approved laboratory	5.00
5	Energy conservation	Solar street lighting	127.00	15.00
6	Rain water harvesting	11 nos. of recharge pits of Size of recharge pits: 2 m x 2 m x 2 m	20.00	4.00
7	Laying of storm & Sever line up to final disposal point	Storm water channel will connect up to nalla line	135.00	5.00
8	Total	-	482.00	70.00

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


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

52. Any Other Information

No Information Available

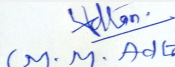
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 no of junction
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	1 no. of podium having area 6,276.72 m ²
	Total Parking area:	44,303.98 m ²
	Area per car:	Open parking 25 m ² /car; covered parking 37.65 m ² /car
	Area per car:	Open parking 25 m ² /car; covered parking 37.65 m ² /car
	Number of 2-Wheelers as approved by competent authority:	3,203 nos.
	Number of 4-Wheelers as approved by competent authority:	812 nos.
	Public Transport:	Not applicable
	Width of all Internal roads (m):	12 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	Not applicable


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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

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

PP informed that, the project under consideration is new housing project. PP further stated that, the total plot area of the project is 55,800 Sq.mt. having total construction area 128472 Sq. mt. (FSI - 73,875 Sq.mt + NON FSI- 54,597 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building A1	P + 22 floors	66.70
Building B1	P + 17 floors	52.45
Building B2	P + 17 floors	52.45
Building B3	P + 17 floors	52.45
Building C1	P + 21 floors	63.85
Building D1	G + 1 floor + 20 parking floors	66.30

It is noted that the project earlier considered in 98th SEAC-2 (Day-1) Meeting held on 03-05-2019 & deferred due to there is no approach road existing or abutting the site. Even then DP road of 45 m is shown as proposed, but any work of said road is not started at any section. Even a smaller width of proposed DP road is not existing on the site or any nearby plot. also there is no guaranteed water supply source, no existing storm water network, no sewer line therefore the proposal is not ripe for even consideration at this stage. 2) PP not submitted the compliance of point 1,4 & 6 i.e copy of 7/12 of one plot after amalgamation, PP has not submitted the compliance regarding the timeframe of concern authority to complete the above said work. Also not submitted the detail plan regarding the same. PP to submit details regarding all these issues with the timeframe of concern authority to complete the work. Accordingly, PP submitted the compliance which was taken on record. PP submitted the Google map & actual site pictures regarding access road to the project site.

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

synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.

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DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to explore the possibility to laid down sewer line & storm water line upto MMRDA's existing sewer & storm water network and accordingly submit the detail timeline & plan for the same.
- 2) PP to submit the letter from competent authority regarding availability of water & water supply to the project.

FINAL RECOMMENDATION

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

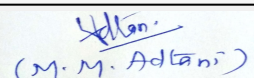
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**Shri M.M. Adtani (Chairman
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Agenda of 104th Day-2 SEAC-2 meeting held on 26th -27th June, 2019

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Subject: Environment Clearance for Proposed S. R. Scheme on Plot bearing CTS No. 255, 255/1TO3, 259(P.T) 259/1 TO 25 OF Village Bandivali, K/E At Caves Roads Jogeshwari (E) Mumbai -400060 by M/s. So Lucky Builders.

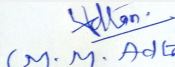
Is a Violation Case: No

1.Name of Project	Proposed S. R. Scheme on Plot bearing CTS No. 255, 255/1TO3, 259(P.T) 259/1 TO 25 OF Village Bandivali, K/E At Caves Roads Jogeshwari (E) Mumbai -400060 by M/s. So Lucky Builders.
2.Type of institution	Private
3.Name of Project Proponent	M/s. So lucky Builders
4.Name of Consultant	Mr. H K Desai. Enviro Analysts and Engineers Pvt. Ltd. B 1003, Enviro House, 10th Floor, Western edge II Western Express Highway, Borivali (E) Mumbai 400066.
5.Type of project	S R Scheme (Residential, Commercial, Educational & Mercantile)
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. 255, 255/1TO3, 259(P.T) 259/1 TO 25 OF Village Bandivali, K/E At Caves Road, Jogeshwari (E) Mumbai -400060.
9.Taluka	Andheri
10.Village	Bandivali
Correspondence Name:	Mr. Deepak Patel
Room Number:	15
Floor:	NA
Building Name:	Amita CHS ltd Society No 30
Road/Street Name:	NA
Locality:	SVP Nagar, Mhada, Andheri W.
City:	Mumbai 400053.
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/2280/KE/PVT/AP DATED- 13/04/2018 Approved Built-up Area: 19945.11
13.Note on the initiated work (If applicable)	Constructed FSI: 13701.97 sq m , Constructed Non FSI: 6131.80 sq m Total constructed BUA: 19833.77 sq m
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Amended IOD Granted dated: 13-04-2018 Under No.: SRA/ENG/2280/KE/PVT/AP.
15.Total Plot Area (sq. m.)	5881. 35 sq m
16.Deductions	For Setback / D. P Road: 885.62 sq m
17.Net Plot area	4995.73 sq m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 18941.06 b) Non FSI area (sq. m.): 11039.03 c) Total BUA area (sq. m.): 29980.09
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 14283. 09 sq m Approved Non FSI area (sq. m.): 5662.02 sq m Date of Approval: 13-04-2018
19.Total ground coverage (m2)	2715.05
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	54.35
21.Estimated cost of the project	1750000000


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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- Wing A, B Composite Building	Part basement + Gr + 16 floors	49.05
2	Sale- Wing C, D Composite Building	Basement + Gr + 11 (pt) floors	48.90
3	Sale- Wing E Composite Building	Gr + 5th (pt) + 6th (pt) + 7th (pt) floors	34.20
4	Building No-2 School & Market	Gr + 4th (pt) + 5th(pt) floors	21.75
5	Parking Tower (mechanical Parking)	Gr + 18 level	47.00
6	Parking Tower (mechanical Parking)	Gr + 22 level	51.85

23.Number of tenants and shops

Rehab Tenants = 93 nos.
 Rehab Res. + Comm = 3 nos.
 Rehab Commercial = 33 nos.
 Balwadi - 1 Welfare center - 1, Society office - 1, Amenity - 1.
 Sale Commercial = 253 nos.
 School = 19 nos. Class Rooms

24.Number of expected residents / users

Total: 2552 nos. Rehab Residential: 486 nos. Sale Commercial: 1362 nos. School & Market: 704 nos.

25.Tenant density per hectare

969

26.Height of the building(s)

27.Right of way (Width of the road from the nearest fire station to the proposed building(s))

13.40 m wide D. P. Road and 6.00 M wide Internal Municipal Market Road Maintained by MCGM

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

Rehab Wing A & B - Part basement + Ground + 16 floors is constructed and part occupied Sale Wing C, D- Basement + ground + 8 floors is constructed.

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

Demolition waste of remaining slums will be managed as per Construction and Demolition Waste Management Rules 2016


31.Production Details

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

32.Total Water Requirement

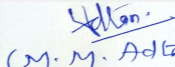
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Dry season:	Source of water	MCGM and Recycled water								
	Fresh water (CMD):	78 KLD								
	Recycled water - Flushing (CMD):	71 KLD								
	Recycled water - Gardening (CMD):	2 KLD								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	151 KLD								
	Fire fighting - Underground water tank(CMD):	350 KLD								
	Fire fighting - Overhead water tank(CMD):	55 KLD								
	Excess treated water	52 KLD								
Wet season:	Source of water	MCGM, Recycled water and RWH								
	Fresh water (CMD):	78 KLD								
	Recycled water - Flushing (CMD):	71 KLD								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	NA								
	Total Water Requirement (CMD) :	149 KLD								
	Fire fighting - Underground water tank(CMD):	350 KLD								
	Fire fighting - Overhead water tank(CMD):	55 KLD								
	Excess treated water	50 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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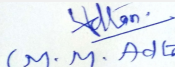

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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4 m
	Size and no of RWH tank(s) and Quantity:	Rehab: 25 cum & 1 no. Sale: 65 cum & 1 no.
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 7 lakh
	Budgetary allocation (O & M cost) :	Rs. 1 lakh
	Details of UGT tanks if any :	Rehab + School: 1 no. Sale: 1 no.
35.Storm water drainage	Natural water drainage pattern:	As per the natural slope of the site.
	Quantity of storm water:	0.117 m ³ / sec
	Size of SWD:	0.6 m x 0.3 m
Sewage and Waste water	Sewage generation in KLD:	138 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	150 KLD
	Location & area of the STP:	Underground (Basement 1)
	Budgetary allocation (Capital cost):	Rs. 22 lakhs
	Budgetary allocation (O & M cost):	Rs. 5 lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1. Empty bags: 11380 nos. 2. Steel: 1.7 MT 3. Aggregates: 3.4 MT 4. Broken tiles: 540 sq m 5. Empty Paint Cans (20 litre/ can): 427 nos.
	Disposal of the construction waste debris:	Empty bags to be handed over to local recyclers, Steel to be handed over to local recyclers, Aggregates to be used for layering internal roads, Broken tiles to be used for terraces and empty paint cans to be sold.
Waste generation in the operation Phase:	Dry waste:	1052 kg /day
	Wet waste:	972 kg / day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	6.5 kg
	Others if any:	NA


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Mode of Disposal of waste:	Dry waste:	Will be handed over to recyclers.
	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):	WILL BE USED AS MANURE
	Others if any:	NA
Area requirement:	Location(s):	Below ground (basement 1)
	Area for the storage of waste & other material:	58 sq m
	Area for machinery:	10 sq m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14 lakhs
	O & M cost:	Rs. 4 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

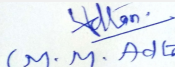
40. Details of Fuel to be used

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 :	452. 70 sq m
	No of trees to be cut :	NIL
	Number of trees to be planted :	52 nos.
	List of proposed native trees :	As given below
	Timeline for completion of plantation :	Before operation of the project.

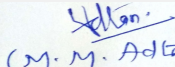
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ficus Benghalensis	Wad	1	tropical and flowering
2	Ficus religiosa	Pimpal	1	Tropical
3	Ficus glomerata	Umbar	1	tropical and flowering
4	Bahunia racemosa	Kancahan	1	Flowering
5	Anthocephalus cadamba	Kadamba	1	Flowering
6	Adenanthera lavana	Gunj	1	Flowering
7	Butea monospema	Palas	2	Tropical
8	Azadirachta indica	Neem	1	tropical and MEDICINAL
9	Santanea mahaguni	Mhaguni	2	Flowering
10	Mimusops mauihua	Mohua	1	Flowering
11	Cassia fistula	Bhava	1	Flowering
12	Tictonia glandris	Sag	1	Tropical hardwood
13	Terminalia arjuna	Arjun	1	Flowering
14	Anacardium latibolea	Ain	1	Tropical
15	Terminalia paniculata	Kinjal	1	Tropical
16	Saraca indica	Seeta Ashoka	1	Rain forest tree
17	Collophillum inophyllum	Undal	1	Evergreen
18	Mesua ferrea	Naag keshar	1	Evergreen flowering
19	Magnolia champaka	Champaka	1	Evergreen flowering
20	Evergreen flowering	Shivan	1	Deciduous tree
21	Albizia lebbek	Shirish	2	tropical
22	Pongamia glabra	Karanj	2	tropical
23	Mimosops elemgi	Bakul	1	Evergreen flowering
24	Aegle marmelos	Bael	1	Flowering
25	Lagerflonia tharlli	Taman	2	Flowering
26	Terminalia bellarica	Hirida	1	Deciduous tree
27	Terminalia chibuta	behda	1	Deciduous tree
28	Cocos nucifera	Coconut	1	Flowering
29	Phyllanthus cimbica	Aavala	1	Flowering
30	Acacia catechu	Khair	1	Deciduous tree


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31	Oraxylum indium	Tetu	1	Flowering
32	Nyctanthus odoritissimus	Parijatak	1	Flowering
33	Putranjeva roxburgii	putranjeeva	1	Evergreen
34	Sterculea foetida	Jangali Badam	1	Flowering
35	Sapindus lorifolea	Beeba	1	Medicinal
36	Thivetea neribolea	Thivetiea	2	Flowering
37	Sapindus trifoliatu	Ritha	1	Medicinal
38	Santalum album	Chandan	2	Medicinal
39	Careyanarbore	Kumbha	2	Tropical
40	Plumeric alba	Chafa	1	Flowering
41	Phoenix dacylflora	Khajur	2	Flowering
42	Caryota albertii	Fish tail palm	2	Tropical
43	Total	-	52	-
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 / TATA Power
	During Construction Phase: (Demand Load)	80 kW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	2013 kW
	During Operation phase (Demand load):	1209 k W
	Transformer:	NA
	DG set as Power back-up during operation phase:	1 x 125 KVA, 1 x 250 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA


48.Energy saving by non-conventional method:

Solar PV panel and LED lights.
BEE star rating electrical equipment would be used.

49.Detail calculations & % of saving:

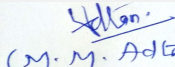
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Serial Number	Energy Conservation Measures		Saving %				
1	Total % Savings		12				
50.Details of pollution control Systems							
Source	Existing pollution control system		Proposed to be installed				
Not applicable	Not applicable		Not applicable				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 35 lakhs					
	O & M cost:	Rs. 1 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	2				
2	Noise Environment	Noise Barricades and Green Belt Developments	1				
3	Water Environment	Modular STP, Drainage with sedimentation tanks	2				
4	Good Health Practices	Site Sanitation & Health	2				
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	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	Rain Water Harvesting	RHW tanks	7	1			
2	Waste water management	STP	22	5			
3	Solid waste management	OWC	14	4			
4	Landscaping	Green Belt Development	7	1			
5	Energy conservation	Solar Savings	35	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



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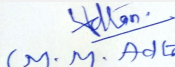

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Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	2 nos.					
Parking details:	Number and area of basement:	One basement					
	Number and area of podia:	NA					
	Total Parking area:	3095.54 sq m					
	Area per car:	28.93					
	Area per car:	28.93					
	Number of 2-Wheelers as approved by competent authority:	NA					
	Number of 4-Wheelers as approved by competent authority:	In parking tower: 108 nos.					
	Public Transport:	Jogeshwari Railway Station.					
	Width of all Internal roads (m):	6 m					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	8(a)					
	Court cases pending if any	NA					
	Other Relevant Informations	NA					
	Have you previously submitted Application online on MOEF Website.	Yes					
	Date of online submission	25-08-2018					
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS							
Summorised in brief information of Project as below.							


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Brief information of the project by SEAC

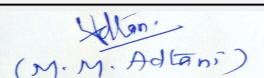
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Representative of PP was present during the meeting along with environmental consultant M/s. Enviro Analysts and Engineers Pvt. Ltd.

PP informed that, the project under consideration is new *S R Scheme (Residential, Commercial, Educational & Mercantile) Project*. PP further stated that, the total plot area of the project is 5881.35 Sq.mt. having total construction area 28447.59 Sq.mt (FSI - 19956.81 sq.mt +NON FSI- Total - 8490.78 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Rehab- Wing A, B Composite Building	Part basement + Gr + 16 floors	49.05
Sale- Wing C, D Composite Building	Basement + Gr + 11 (pt) floors	48.90
Sale- Wing E Composite Building	Gr + 5th (pt) + 6th (pt) + 7th (pt) floors	34.20
Building No-2 School & Market	Gr + 4th (pt) + 5th(pt) floors	21.75
Parking Tower (mechanical Parking)	Gr + 18 level	47.00
Parking Tower (mechanical Parking)	Gr + 22 level	51.85

It is noted that the project earlier considered in 100th SEAC-2 (Day-1) Meeting held on 20-05-2019 & deferred with observations namely 1) to submit copy of plan sanctioned by Planning Authority in 2015 against which he has already constructed total BUA 19883.77 sq.m. without following up his application for grant of EC then. He to also submit copy of DCR/ letter from planning authority stating that he was not allowed to construct school and market reservation then 2) to submit the dated Architect certificate addressed to committee regarding building-wise configuration approved as per local body, construction (FSI,Non-FSI) done on site. 3) to correct the online CS with respect to total built up area. 4) to submit & upload the copy of acknowledgement for plan submitted to local planning authority along with the copy of approval from local planning authority regarding construction of school & Market. 5) to ensure that school should not be affected byshops. PP to submit the proposed measure to be carried out for the same.6) Local planning authority to ensure the structural stability of building for which vertical expansion is proposed before granting CC. 7) to provide the vertical fire fighting equipment/ measures for the North-south side of the project & also submit the same. 8) to submit the CFO NoC. Accordingly, PP submitted the compliance which was taken on record.

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

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

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DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to kept RG of 699 Sq.mt instead of 452. 70 Sq.mt.
- 2) PP to upload the copy of layout plan approved in 2015.
- 3) Committee noted that, there is 2 sharp bend of 900 shown on fire tender movement plan. PP to revise the same & to provide 6 mt clear drive way along with 9mt turning radius all around building for fire tender movement..
- 4) Committee noted that Noise levels submitted are prima facie not correct as the railway line is adjacent to project site.
- 5) PP to upload railway NoC.
- 6) PP to abide the all conditions stipulated in the CFO NoC.

FINAL RECOMMENDATION

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

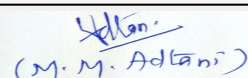
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Agenda of 104th Day-2 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 Meeting Date June 27, 2019

Subject: Environment Clearance for OCEANA BY M/s. Sai Siddhi Realtors and Amrut Laxmi developers at Plot S No. 42; 43/1A; 53/1, 53/2, 53/3, 53/4B, 53/4C, 53/4D; 54/1, 54/2A, 54/2B. AT VILLAGE PALE, AMBERNATH


Is a Violation Case: No

1.Name of Project	OCEANA BY M/s. Sai Siddhi Realtors and Amrut Laxmi developers at Plot S No. 42; 43/1A; 53/1, 53/2, 53/3, 53/4B, 53/4C, 53/4D; 54/1, 54/2A, 54/2B. AT VILLAGE PALE, AMBERNATH
2.Type of institution	Private
3.Name of Project Proponent	Mr. Naveen Bansal by M/s. Sai Siddhi and Amrut Laxmi developers
4.Name of Consultant	Mr. H. K. Desai. Enviro Analysts & Engineers Pvt. Ltd. B-1003, Enviro House, 10th floor. Western Edge-II, W.E Highway. Borivali (E), Mumbai-400066.
5.Type of project	Housing and commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot S No. 42; 43/1A; 53/1, 53/2, 53/3, 53/4B, 53/4C, 53/4D; 54/1, 54/2A, 54/2B. AT VILLAGE PALE, AMBERNATH,
9.Taluka	Ambernath
10.Village	Pale
Correspondence Name:	Mr. Naveen Bansal
Room Number:	NA
Floor:	NA
Building Name:	Plot No. 516 Sarang Apartment
Road/Street Name:	NA
Locality:	Near Shani Mandir, Ambarnath East 421501
City:	THANE
11.Whether in Corporation / Municipal / other area	Ambernath Municipal council
12.IOD/IOA/Concession/Plan Approval Number	yes IOD/IOA/Concession/Plan Approval Number: Application No. 22201800023878 dated 15/11/2018 Approved Built-up Area: 80651
13.Note on the initiated work (If applicable)	NO
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	yes
15.Total Plot Area (sq. m.)	44,030.87 sq m
16.Deductions	For, 1. D. P. road 24m wide: 8417.659 sq m 2. Site 187 (health centre): 12400.00 sq m 3. Site 186 (centre for handicapped): 309.924 sq m Total: 21127.58 sq m Net Plot area: 22903.29 sq m Net Plot area (deduction for amenity space)- 1145.164 sq m Net plot area plus addition for health care centre 21758.12+12400.00 = 34158.12 sq m
17.Net Plot area	30,742.30 sq m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 80,651.52 b) Non FSI area (sq. m.): 34,023.09 c) Total BUA area (sq. m.): 114674.61
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 80,651.52 Approved Non FSI area (sq. m.): 34,023.09 Date of Approval: 15-11-2018
19.Total ground coverage (m2)	6471.59


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20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18
21.Estimated cost of the project	2606469300

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building 1	Gr + St + 12 floors	37.50
2	Building 2	Gr + St + 12 floors	37.50
3	Building 3 (health centre)	Gr + 3 floors	15.20
4	Building 4	St + Gr + 12 floors	37.50
5	Building 5	St + 14 floors	43.35
6	Building 6	St + 14 floors	43.20
7	Building 7	Gr + St + 14 floors	43.20
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-

23.Number of tenants and shops	Residential: 1460 nos. Shops: 72 nos.
24.Number of expected residents / users	Residential: 6688 nos. Shops: 213 nos. Health centre: 180 nos.
25.Tenant density per hectare	331
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 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	7.5 m wide
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

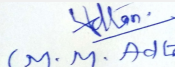
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Dry season:	Source of water	Maharashtra Jeevan Pradhikaran + Recycled water								
	Fresh water (CMD):	622								
	Recycled water - Flushing (CMD):	310								
	Recycled water - Gardening (CMD):	23								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	955								
	Fire fighting - Underground water tank(CMD):	675								
	Fire fighting - Overhead water tank(CMD):	100								
	Excess treated water	395								
Wet season:	Source of water	Maharashtra Jeevan Pradhikaran + Recycled water								
	Fresh water (CMD):	622								
	Recycled water - Flushing (CMD):	310								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	932								
	Fire fighting - Underground water tank(CMD):	675								
	Fire fighting - Overhead water tank(CMD):	100								
	Excess treated water	418								
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:	-
	Size and no of RWH tank(s) and Quantity:	Building 1: 44 cum; Building 2: 44 cum; Building 3: 19 cum; Building 4: 88 cum; Building 5: 70 cum; Building 6: 52 cum; Building 7: 30 cum and 7 nos
	Location of the RWH tank(s):	underground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 8 lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.5 lakhs
	Details of UGT tanks if any :	Building 1: 1 no. Building 2: 1 no. Building 3: 1 no. Building 4: 1 no. Building 5: 1 no. Building 6: 1 no. Building 7 : 1 no.
35.Storm water drainage	Natural water drainage pattern:	As per natural slope
	Quantity of storm water:	1.28 cum/sec
	Size of SWD:	Width: 1000 mm x Depth: 750 mm
Sewage and Waste water	Sewage generation in KLD:	810
	STP technology:	SBR
	Capacity of STP (CMD):	4 nos. and 850
	Location & area of the STP:	Above Ground & Open to Sky
	Budgetary allocation (Capital cost):	Rs. 140 lakhs
	Budgetary allocation (O & M cost):	Rs. 20 lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Sr. No. Particulars Quantity Unit 1 Steel 6.9 MT 2 Aggregates 13.8 MT 3 Empty cement bags(50kg capacity) 46000 Bags 4 Broken Tiles 2178 Sq. m 5. Empty Paint cans (20 lit) 1729 Nos.
	Disposal of the construction waste debris:	1. Sand from excavating operations will be used for land leveling and landscaping 2. To be sold for recycling 3. To be sold to vendors. 4. To be used water proofing for terraces 5. To be sold to vendors
Waste generation in the operation Phase:	Dry waste:	1338 kg/day
	Wet waste:	2006 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	8.25 kg/day
	STP Sludge (Dry sludge):	40 kg/day
	Others if any:	NA
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Mode of Disposal of waste:	Dry waste:	Will be handed over to recyclers.
	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):	Incineration/destruction and drugs disposal in secured landfills
	STP Sludge (Dry sludge):	WILL BE USED AS MANURE
	Others if any:	NA
Area requirement:	Location(s):	GROUND
	Area for the storage of waste & other material:	102 sq m
	Area for machinery:	5 sq m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	RS. 30 lakhs
	O & M cost:	Rs. 3 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):		18			
Capacity of the ETP:		25			
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		As per norms			

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

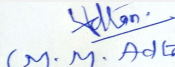
40.Details of Fuel to be used

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 :	3822.61 sq m
	No of trees to be cut :	NA
	Number of trees to be planted :	383 nos.
	List of proposed native trees :	as given below
	Timeline for completion of plantation :	before 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	SAMANIA SAMEN	MONKEY POD TREE	30	Flowering
2	BAHUNIA BLAKEANA	HONG KONG ORCHID	25	legume tree
3	MIMUSOPS ELENGI	Spanish cherry	25	tropical and evergreen
4	BISMARCKIA PALM	Bismarckia	35	flowering
5	ARECA CATECHU	Beetle Tree	15	flowering
6	DELONIX REGIA	Royal poinciana	20	tropical flowering
7	MAHUA LONGIFOLIA	mahua	30	flowering
8	CASSIA FISSULA	golden showering	20	flowering
9	CASSIA JAVANICA	pink shower	15	flowering
10	AZADIRACHTA INDICA	Neem	25	medicinal
11	MILLINGTONIA HORTENSIS	indian Cork tree	5	tropical flowering
12	Delonix regia	flame of forest	51	flowering
13	MANILKARA ZAPOTA	sapodilla	15	flowering
14	SYZYGium CUMINI	java pulm	16	tropical
15	ARTOCARPUS HETEROPHYLLUS	jackfruit	10	tropical
16	MORINGA OLEIFERA	Drumstick tree	25	flowering
17	SYZYGium SAMARANGENSE	Java apple	16	flowering
18	MANGIFERA INDICA	Mango	5	tropical and 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	-	-	-

47.Energy


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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	80kW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	7990 kW
	During Operation phase (Demand load):	3163 kW
	Transformer:	7 X 630 kVA
	DG set as Power back-up during operation phase:	3 x 125 KVA, 1 x 320 KVA, 1 x 42.5 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

- ENERGY EFFICIENT LAMPS APPLIANCES.
- USE OF LED LIGHTS FOR GROUND FLOOR AND EXTERNAL LIGHTING
- BY USING GROUP CONTROL AND VFD FOR LIFTS AND BEE5 STAR RATED MOTORS FOR PUMPS
- BY USING EFF1 MOTORS FOR FANS AND PUMPS IN STP
- BY USING ENERGY RENEWABLE ENERGY SYSTEMS.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total % Savings	16.6
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. 250 lakhs
	O & M cost:	Rs. 10 lakhs

51. Environmental Management plan Budgetary Allocation

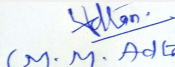
a) Construction phase (with Break-up):

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


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2	Noise Environment	Noise Barricades and Green Belt Developments	2
3	Water Environment	Modular STP, Drainage with sedimentation tanks	2
4	Good Health Practices	Site Sanitation & Health Care	1.5
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	1.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RHW tanks	8	0.5
2	Solid waste management	OWC	30	3
3	Waste water management	STP	140	20
4	Energy conservation	SOLAR	250	10
5	Landscaping	GREEN BELT	25	4

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


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

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	2 nos.
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	11,397 sq m
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	Scooters: 2040 nos. Cycles: 2040 nos.
	Number of 4-Wheelers as approved by competent authority:	510 nos.
	Public Transport:	Ambernath Railway Station
	Width of all Internal roads (m):	7.75 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 20 km
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	The project was appraised in 77th SEAC II and was deferred for certain compliances subsequently amendment in plan to meet market need. Hence proposal is revised .
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	23-05-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	


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

SEAC-AGENDA-00000000289

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

PP informed that, the project under consideration is *new housing and commercial project*. PP further stated that, the total plot area of the project is 44,030.87 Sq.mt. having total construction area 114674.61 Sq.mt(FSI - 80,651.52 sq.mt +NON FSI- 34,023.09 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building 1	Gr + St + 12 floors	37.50
Building 2	Gr + St + 12 floors	37.50
Building 3 (health centre)	Gr + 3 floors	15.20
Building 4	St + Gr + 12 floors	37.50
Building 5	St + 14 floors	43.35
Building 6	St + 14 floors	43.20
Building 7	Gr + St + 14 floors	43.20

It is noted that the project earlier considered in 77th SEAC-2 Meeting held on 16-11-2018 & deferred with observations namely 1) to submit & upload the copy of acknowledgement for plan (full potential) submitted to local planning authority. 2) to revise the CS as presented during the meeting. 3) to submit & upload the copy of agreement between MPCB & SMS Company regarding biomedical waste disposal, and letter from SMS Company stating that they have sufficient capacity to dispose off biomedical waste received from the project. 4) to submit Ventilation analysis, Shadow analysis, wind analysis report. 5) PP shall operate and maintain Environmental Management Facilities (EMF) including STP & fire- fighting system for 5 years after giving possession and shall also generate corpus fund for next 5 years. 6) to follow the procedure laid by MoEF & CC vide Office Memorandum dated 2nd November, 2018. 7) to submit the revised calculation & plan for RG area. 8) to submit revised traffic circulation plan showing clear drive way. 9) to submit Contour and slope analysis super imposed with storm water drain, sewer line map in the project and 500 mtr around the project. 10) to submit & upload CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. Accordingly, PP submitted the compliance which was taken on record.

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

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

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DECISION OF SEAC

During presentation PP & environment consultant stated that there is sewer line abutting to the plot & STP is also already functional & on asking them to submit the sewer line NoC, they submitted the letter dated 24/10/2018. The para 6 & 7 of the letter issued by Ambarnath Municipal Council stated that there is no sewer line near to the project site & STP is yet to be installed. On pointing out this to the PP and Consultant, then the PP & environment consultant admitted that there is no sewer line near to the project. **Hence, the proposal is forwarded for rejection as there is neither sewage network; nor any time action plan for disposal of sewage given by the PP and that the PP and the Consultant tried to mislead the Committee in this regard.**

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-II have decided to recommend the proposal for rejection subject to above reasons.

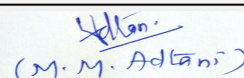
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Agenda of 104th Day-2 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 Meeting Date June 27, 2019

Subject: Environment Clearance for 'TCS Banyan Park' - Phase 1 of IT Park

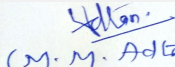
Is a Violation Case: No

1.Name of Project	TCS Banyan Park - Phase 1 of IT Park
2.Type of institution	Green Building
3.Name of Project Proponent	Tata Consultancy Services Ltd.
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Industrial Estate, with all building being LEED Gold Certified
6.New project/expansion in existing project/modernization/diversification in existing project	Proposal is for ex-postfacto environment clearance for Phase 1 with existing structures Block A,C & J, B,D,E,L & M, K (Basement to A & B), Canopy & Bridge.
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	in this regard Member Secretary, MPCB letter No BO/RO(P&P)/ TB-686 dtd 23 Jan 2006 is relevant
8.Location of the project	Plot bearing C.T.S. Nos. 221, 228, 234 & 235 of village Gundavali, Suren Road, Andheri (East), Mumbai.
9.Taluka	Andheri
10.Village	Gundavali
Correspondence Name:	Mr.T. Prafullachandran (Corporate Head, Administration), Location Head - Banyan Park (Coordinator)
Room Number:	-
Floor:	-
Building Name:	TCS House
Road/Street Name:	Raveline Street
Locality:	Fort
City:	Mumbai - 400001
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IOD No. E.B/CE/8748/WS/AK of 2006. IOD/IOA/Concession/Plan Approval Number: IOD No. EB/CE/8748/WS/AK of 2006. Initial plan approval ref No CE/1767/WS/LOKEN dtd 1st Mar 2006. Amended plan approved on 24th July 2009 Approved Built-up Area: 60603.34
13.Note on the initiated work (If applicable)	9 Structures Block A,C & J, B,D,E,L & M, K (basement to A & B), Canopy & Bridge are constructed
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	90,122.50 sqm
16.Deductions	13,072.67 sqm
17.Net Plot area	77,049.86 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 40,603.34
	b) Non FSI area (sq. m.): 20,000
	c) Total BUA area (sq. m.): 60603
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 40,603.34
	Approved Non FSI area (sq. m.): 20,000
	Date of Approval: 02-05-2006
19.Total ground coverage (m2)	13087
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17%
21.Estimated cost of the project	3207400000


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22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Block A	Ground floor + 2 upper floors	14.2
2	Block B	Ground floor + 2 upper floors	14.2
3	Block C & J	Ground floor + 2 upper floors	14.2
4	Block D	Ground floor + 2 upper floors	14.2
5	Block E	Ground floor + 2 upper floors	14.2
6	Block E	Ground floor + 2 upper floors	14.2
7	Block L	Ground floor +1 Basement	11.87 , basement at -12
8	Block M	Ground floor	3.4
9	Basement K Block (Basement below Block A & B)	Basement level 1 +Basement level 2	-7
10	Canopy	Canopy at height of first floor	5.6
11	Bridge	Bridge at height of first floor	9

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	2500
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))	18.30 M 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	9 structures (Block A,C & J,B,D,E,L & M, K (basement to A & B) ,Canopy and bridge) are constructed
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

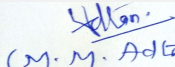
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Dry season:	Source of water	MCGM -119 m3/day, STP -120 m3/day & Borewell -295 m3/day								
	Fresh water (CMD):	119 MCGM								
	Recycled water - Flushing (CMD):	60 m3/day from Borewell								
	Recycled water - Gardening (CMD):	175 m3 from borewell								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	534								
	Fire fighting - Underground water tank(CMD):	150								
	Fire fighting - Overhead water tank(CMD):	50								
	Excess treated water	120 m3 /day from STP & 60 m3 /day from borewell for cooling tower								
Wet season:	Source of water	MCGM -119 m3/day, STP -120 m3/day & Borewell -120 m3/day								
	Fresh water (CMD):	119 MCGM								
	Recycled water - Flushing (CMD):	60 m3/day from Borewell								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	0								
	Total Water Requirement (CMD) :	359								
	Fire fighting - Underground water tank(CMD):	150								
	Fire fighting - Overhead water tank(CMD):	50								
	Excess treated water	120 m3 /day from STP & 60 m3 /day from borewell for cooling tower								
Details of Swimming pool (If any)		Swimming Pool water capacity is 720 Cum and plant is in shut down condition since date of commission.								
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:	3.5 mts
	Size and no of RWH tank(s) and Quantity:	2 nos. (1 of 50 cum and 1 of 7.5 cum)
	Location of the RWH tank(s):	Block L and near tennis court.
	Quantity of recharge pits:	16 recharge pits are available
	Size of recharge pits :	2.5m x 2.5m x 3.5m
	Budgetary allocation (Capital cost) :	34.89 lacs
	Budgetary allocation (O & M cost) :	6 lacs per annum
	Details of UGT tanks if any :	2 lacs ltrs - 2 Nos for BMC water storage 7.5 KL -1 No for RWH at tennis court 3 KL - 1 No for Gundavali Water Body 3 KL - 1 No for Courtyard Water Body We have below mentioned tanks in Basement at L block - 75 KL x 2 Nos as Fire Tank 50 KL x 2 Nos as Domestic Raw Water Tank 50 KL x 2 Nos as Domestic Treated Water Tank 50 KL x 2 Nos as HVAC Tank 50 KL x 3 Nos as Borewell Water Tank 50 KL x 1 No as Irrigation / RWH Water Tank
35.Storm water drainage	Natural water drainage pattern:	Natural water drain pattern is maintained.
	Quantity of storm water:	1300 cum/ day
	Size of SWD:	600 mm wide
Sewage and Waste water	Sewage generation in KLD:	Currently 76 cmd generated and having plant capacity of 128 cmd
	STP technology:	SAFF
	Capacity of STP (CMD):	1 STP of 130 cmd
	Location & area of the STP:	Utility Block L
	Budgetary allocation (Capital cost):	INR 2000000
	Budgetary allocation (O & M cost):	INR 216000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Debris generated was disposed off to MCGM approved land filling sites
	Disposal of the construction waste debris:	Debris generated was disposed off to MCGM approved land filling sites
Waste generation in the operation Phase:	Dry waste:	165 kg/ day
	Wet waste:	135 kg/ day
	Hazardous waste:	Used lube oil appx 350 ltrs per year,
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	STP sludge not generated as sewage input is very less & water quality is high. In case dry sludge gets generated it will be passed through press to form cake & cube utilised for gardening purpose.
	Others if any:	Battery waste generated appx 15 874 kg once in four year, Non biodegradable waste appx 1.6 kg per day including e waste, plastic etc

Mode of Disposal of waste:	Dry waste:	Composted on site through composting pits, vermicomposting bags, organic waste converter with tray & non biodegradable waste is handed over to authorized recycler.
	Wet waste:	Composted on site through Biomethanization plant & Organic waste converter
	Hazardous waste:	Disposed off through CPCB/ MPCB authorized vendors
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	If generated it will be passed through installed filter press , to form cakes & cubes and utilized for gardening purpose.
	Others if any:	Batteries & ewaste Disposed off through CPCB /MPCB authorized vendors only
Area requirement:	Location(s):	Near tennis court
	Area for the storage of waste & other material:	1300 sq ft for dry waste segregation, 2500 sq ft for horticultural waste & 5000 sq ft for e waste & general scrap
	Area for machinery:	60 sq mtrs (Biomethanization plant, Organic Waste converter , vermicomposting pits)
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	24.54 lacs
	O & M cost:	5.45 lacs per 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	Used Lube oil	5.1	lts	350 ltrs	Not applicable	350	CPCB authorised vendor

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	5 nos. attached to DG sets	HSD of 150 lit	5	15.35 m, 15.35 m, 15.35 m, 10.36 m, 5 m	0.254 m, 0.254 m, 0.254 m, 0.22 m , 0.1 m	150 0C

40.Details of Fuel to be used

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Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	HSD fuel tank capacity of 990 ltrs for 4 nos and 100 ltrs for 40 kva DG	0	4060 lit
41.Source of Fuel		Public Petrol Pump Andheri East		
42.Mode of Transportation of fuel to site		In barrels of 200 lit in approved vehicles on hire		
43.Green Belt Development	Total RG area :	2111.88 sqm. Total landscape area is appx 14 acres		
	No of trees to be cut :	190 trees cut		
	Number of trees to be planted :	380 trees are planted		
	List of proposed native trees :	Refer enclosed tree list		
	Timeline for completion of plantation :	Plantation done		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Refer enclosed tree list	Refer enclosed tree list	Refer enclosed tree list	Refer enclosed tree list
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	Refer enclosed tree list	Refer enclosed tree list	Refer enclosed tree list	
47.Energy				

Power requirement:	Source of power supply :	Tata Power and Reliance Power
	During Construction Phase: (Demand Load)	Not applicable
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	3713 KW (Tata Power) +400 KW (Reliance Infrastructure)
	During Operation phase (Demand load):	3.4 MVA
	Transformer:	1250 KVA x 3 nos
	DG set as Power back-up during operation phase:	3 x 1010 kva + 1 x 600 kva + 1 x 40 kva DG sets are installed
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:


Using LED/CFL lights and energy efficient fixtures and
 Use of motion detection sensors
 Using energy efficient motors & group control facility for lifts
 Using ISI rating motors with 60% efficiency water pumps
 Using ISI rating motors with 75% efficiency motors
 Energy metering system for internal and external lighting
 Creation of Remote Energy Monitoring center and use of analytics
 Use of automatic sprinkler system for garden area

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	10%	6,00,000, kwh units per year

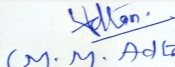
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Biodegradable Dry & Wet waste	Biomethanation plant & Organic waste converter	Already installed
Horticulture waste	Vermicomposting	Already installed
Sewage Generation	Sewage treatment plant	Already installed
Solid Waste (Non biodegradable)	Waste segregation area	Already provided
Sewage Generation	STP	Already installed
Air emission from DG Set	Provision of DG stack & stack monitoring	Already installed



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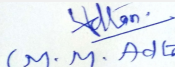

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Noise from DG set	DG acoustic enclosure provided		Already installed				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	2.1 crs (LED Lamps, VFD installation in AHU, Auto motion & installation of Roof top solar plant, CO2 sensor & fresh air damper)					
	O & M cost:	14 lacs					
51.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Not applicable	Not applicable	Not applicable				
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	SAFF	20 lacs	2.16 lacs			
2	Solid waste management	Biomethanization, OWC, Vermicomposting pits	24.54 lacs	5.45 lacs			
3	Rain water harvesting System	RWH & Recharge pits	34.89 lacs	6 lacs			
4	Landscaping	14 acres	204 lacs	50 lacs			
5	Energy Saving Features	Measures as per MOEF notification dated 9th Dec 2016 & ECBC 2016 guidelines	210 lacs	14 lacs			
6	Environmental Monitoring	DG state, Air quality, noise	0	0.6 lacs			
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., Code of practice. Traffic calming measures suggested by institute of Urban Transport Planning are implemented as per MOEF circular dtd 09 Dec 2016					



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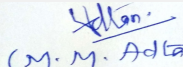

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Parking details:	Number and area of basement:	2 nos. 1,32,935 sqft in K block, 31,624 sqft in L block
	Number and area of podia:	Not applicable
	Total Parking area:	1,32,935 sqft
	Area per car:	121 sqft
	Area per car:	121 sqft
	Number of 2-Wheelers as approved by competent authority:	150
	Number of 4-Wheelers as approved by competent authority:	385
	Public Transport:	Not applicable
	Width of all Internal roads (m):	internal drive way of minimum width of 6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	At apprx 10.2 km from Sanjay Gandhi National Park
	Category as per schedule of EIA Notification sheet	Category B : 7(c) to be read in conjunction with 8 (a)
	Court cases pending if any	Please refer point v)
	Other Relevant Informations	<p>Aggrieved by the Direction issued by the Member Secretary, SEAC dtd 16th Jan 2017, appeal No. 8/2017 was filed by TCS before the NGT Western Zone Bench Pune The Hon'ble Tribunal by its order in the said Appeal on 28.11.2017, directed us to approach MoEF for post facto approval of the project. TCS filed it's online application for Ex Post Facto Environment Clearance for Phase 1 under Sl. No. 7 (c) of the Schedule to the Ministry of Environment, New Delhi and in reply to our above mentioned application, The Member Secretary, Expert Appraisal Committee, (Infra 2), Ministry of Environment, New Delhi, vide online Essential Detail Sought dated 01.02.2018 directed TCS to refile the application before the State Expert Appraisal Committee II (SEAC II), Maharashtra. TCS responded to online Essential Detail Sought dated 01.02.2018 to the Ministry of Environment and Forest, New Delhi vide its letter dated 08.03.2018 requesting The Member Secretary, Expert Appraisal Committee, Ministry of Environment and Forest, New Delhi to process the TCS application for grant ex post facto Environment Clearance to the Phase-I of the IT Park at Andheri (W), Mumbai as directed by the NGT. As TCS did not receive any response to its letter dated 08.03.2018 from The Member Secretary, TCS filed an Execution Application No. 27 of 2018 in Appeal No. 8 of 2017 [WZ] before the NGT inter alia, for the execution of the judgment dated 28.11.2017 passed by the NGT and seeking appropriate directions upon the Ministry of Environment and Forest, New Delhi. The Execution Application was heard by the NGT on 12.04.2018. The matter comes up for hearing on 03.05.2018. This application is filed without prejudice to our rights.</p>


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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	28-12-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

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

It is noted that proposal under consideration is of Violation of EIA Notification 2006, as amended, defined in MoEF & CC notification dated 14th March 2017 & 8th March 2018.

PP informed that, the project under consideration is IT Park. The total plot area of the project is 90,122.50 Sq. mt. having total construction area 60603 Sq. mt.(FSI -40,603.34 Sq. mt.+ NON FSI-20,000 Sq. mt.).

Committee noted that, the proposal previously considered in 68th, 84th, 87th, 90th & 100th SEAC-2 meeting held on 7/9/2018, 7/1/2019, 7/2/2019, 27/2/2019 & 20/5/2019 respectively. In 87th Meeting, the proposal was considered under MoEF&CC notification regarding violation dated 14th March 2017 & 8th March 2018 and accordingly, additional ToR as per the format suggested by SEIAA vide letter dated 30.01.2019 was approved. In 90th and 100th meeting Committee noted that, calculations of the Damage assessment report, remediation plan and Natural and Community Resource Augmentation Plan is not as per the format suggested by SEIAA vide letter dated 30.01.2019, hence, proposal deferred. Accordingly, PP submitted the revised calculations of the Damage assessment report, remediation plan and Natural and Community Resource Augmentation Plan.

Damage assessment report specifying activities contributing to the environmental damage and degradation noted from the report and deliberated in detail during the meeting.

DECISION OF SEAC


During presentation PP stated that, they want some more time to submit one more report regarding installation of Public toilet adjoining to bus stop which is nearer to their project site. Committee agreed to this & hence, ***the proposal is deferred and shall be considered after the compliance of above observations.***

Specific Conditions by SEAC:

- 1) PP to submit & upload the budgetary approval regarding underground tunnel (Subway) of Rs. 4.98 Crore

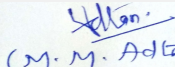
FINAL RECOMMENDATION

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


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SEAC-II)


Agenda of 104th Day-2 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 Meeting Date June 27, 2019

Subject: Environment Clearance for Proposed Expansion of Residential cum Commercial Project - Regency Sarvam at Plot bearing S.No. 42/1,42/2,42/3,42/4A/1, 41/4A/2, 42/5, 42/6, 47/1, 50/1A, 50/2, 220/1, 201/1, 223/1, 224/ 1, 225/1, 246/1 at village Manda, Titwala, Taluka - Kalyan, District - Thane by M/s. Regency Nirman Ltd.

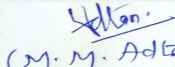
Is a Violation Case: No

1.Name of Project	Expansion of Residential cum Commercial Project - Regency Sarvam
2.Type of institution	Private
3.Name of Project Proponent	M/s. Regency Nirman Ltd.
4.Name of Consultant	M/s. Enviro Analysts and Engineers Pvt. Ltd.
5.Type of project	Residential
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-2011/CR 808/TC2 dtd 8th August 2012 for total construction area of 2,62,410.77 sq.m
8.Location of the project	S.No. 42/1,42/2,42/3,42/4A/1, 41/4A/2, 42/5, 42/6, 47/1, 50/1A, 50/2, 220/1, 201/1, 223/1, 224/ 1, 225/1, 246/1 at village Manda, Titwala, Taluka - Kalyan, District - Thane
9.Taluka	Kalyan
10.Village	Manda, Titwala
Correspondence Name:	M/s. Regency Nirman Ltd.
Room Number:	-
Floor:	-
Building Name:	Gupta Estates
Road/Street Name:	Ganpati Mandir Road,
Locality:	Titwala (E)
City:	Titwala
11.Whether in Corporation / Municipal / other area	Kalyan Dombivli Municipal Corporation [KDMC]
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: Approval received vide letter no. 2012-13/121/270, dtd 25.02.2016 for FSI area 137984.10 Approved Built-up Area: 137984.10
13.Note on the initiated work (If applicable)	Construction has been started as per previous EC received
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI received vide letter no. KDMC/NRV/188 dtd 23.04.2019
15.Total Plot Area (sq. m.)	165608.00
16.Deductions	57025.00
17.Net Plot area	108583.00
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 2,23,427.64 b) Non FSI area (sq. m.): 95,163.06 c) Total BUA area (sq. m.): 318590.7
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 137984.10 Approved Non FSI area (sq. m.): - Date of Approval: 25-02-2016
19.Total ground coverage (m2)	20,703.31
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12.5%
21.Estimated cost of the project	4410000000


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22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg No. 1 to 7 & 10 to 20	St + 12 floors	37.64
2	Bldg 8	St + 16 floors	49.3
3	Bldg 9	St + 16 (pt) floors	49.3
4	Bldg No. 21 to 28	St + 14 floors	43.43
5	Bldg 29,30	St + 16 floors	49.3
6	Bldg 31, 32	St + 17 floors	52.2
7	Bldg 33 to 38	St + 20 floors	60.20
8	Bldg. 39,40 (Commercial)	G + 1 floor	9.14
9	Bldg 41 (Commercial)	Gr floor	7.9
10	Bldg 42 (bungalow)	Gr + 1 floor	6.00
11	Bldg 43 to 45	St + 20 floors	60.20
12	Clubhouse	G + 1 floor	6.00

23.Number of tenants and shops

Flat: 4104 nos.
Shops: 59 nos.
Office: 2 nos. Theatre : 1 no.

24.Number of expected residents / users

Residential: 19423 nos. Shops & Office: 456 Theatre: 500 nos.

25.Tenant density per hectare

378 tenant/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))

Access through 24.00 m,18.00 wide D.P road & 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

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

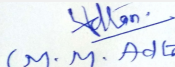
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Dry season:	Source of water	KDMC/ treated water from STP								
	Fresh water (CMD):	1760								
	Recycled water - Flushing (CMD):	890								
	Recycled water - Gardening (CMD):	197								
	Swimming pool make up (Cum):	2								
	Total Water Requirement (CMD) :	2847								
	Fire fighting - Underground water tank(CMD):	1800								
	Fire fighting - Overhead water tank(CMD):	420								
	Excess treated water	312								
Wet season:	Source of water	KDMC/ treated water from STP/RWH								
	Fresh water (CMD):	1760								
	Recycled water - Flushing (CMD):	890								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	2								
	Total Water Requirement (CMD) :	2650								
	Fire fighting - Underground water tank(CMD):	1800								
	Fire fighting - Overhead water tank(CMD):	420								
	Excess treated water	1259								
Details of Swimming pool (If any)		Water requirement for swimming pool is 2 KLD								
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 m to 5 m
	Size and no of RWH tank(s) and Quantity:	4 nos. of RWH tank of 270 cum
	Location of the RWH tank(s):	Ground level
	Quantity of recharge pits:	19 nos. of recharge pits
	Size of recharge pits :	6.6 X 4
	Budgetary allocation (Capital cost) :	Rs. 104.5 Lakh
	Budgetary allocation (O & M cost) :	Rs. 10.45 Lakh/yr
	Details of UGT tanks if any :	Domestic tank: 1760cum Flushing tank: 890 cum Fire tank: 1800 cum
35.Storm water drainage	Natural water drainage pattern:	South to North & West to East
	Quantity of storm water:	5.36 cum/sec
	Size of SWD:	600 mm x 650 mm, 750 mm x 1300mm, 750 mm x 1500 mm, 750 mm x 1400mm, 600 mmx550mm, 750mm x 850mm,750mm x1200mm
Sewage and Waste water	Sewage generation in KLD:	2388
	STP technology:	MBBR
	Capacity of STP (CMD):	2700 KLD (2 nos: 1700 KLD & 1000 KLD)
	Location & area of the STP:	Below ground level
	Budgetary allocation (Capital cost):	Rs. 256.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 64.13 Lakh/yr
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:	3999 kg/day
	Wet waste:	5903 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	114 kg/day
	Others if any:	NA
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Mode of Disposal of waste:	Dry waste:	To be handed over to Local Recyclers for recycling.
	Wet waste:	To be processed in the mechanical composting. 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
	Others if any:	NA
Area requirement:	Location(s):	Ground level
	Area for the storage of waste & other material:	310 sqm
	Area for machinery:	50 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 25.00 lakhs
	O & M cost:	Rs. 8.00 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

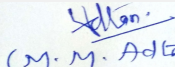
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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 :	21,038.52 sq.m (G-1 Zone :93,765.00 sq.m)		
	No of trees to be cut :	-		
	Number of trees to be planted :	1658 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	Azadirachta indica	Neem	114	Medicinal tree
2	Lagerstroemia	Crape myrtle	194	Flowering tree
3	Samanea saman	Rain Tree	161	Shady tree
4	Cassia fistula	golden rain tree	208	Flowering tree
5	Michelia champaca	Son-chafa	246	Flowering tree
6	Mangifera indica	Mango	215	Fruiting tree
7	Mimusops elengi	Bakul	140	Evergreen tree
8	Polyalthia longifolia	Ashok	186	Ashok
9	Plumeria alba	Chafa	164	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	-	-	-	
47.Energy				

Power requirement:	Source of power supply :	MSEB
	During Construction Phase: (Demand Load)	150 kW
	DG set as Power back-up during construction phase	200 KVA
	During Operation phase (Connected load):	40632.2 kW
	During Operation phase (Demand load):	10031.9 kW
	Transformer:	12 x 630 kVA, 5 x 1000 kVA & 1 X 200 kVA
	DG set as Power back-up during operation phase:	1 X 500 kVA, 2 X 125 kVA, 1 X 200 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

-

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total energy savings	27.4 %

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. 223.80 Lakhs
	O & M cost:	Rs. 8.95 lakhs/yr

51. Environmental Management plan Budgetary Allocation

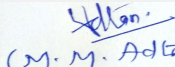
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	EHS	Toilets for labour + drinking water + first aid arrangement	1.5
2	Health and Safety of Laborers	Health, safety & first aid facility	1.5
3	Monitoring of Environmental Parameters	Monitoring of Environmental Parameters	1
4	Environmental Monitoring Cell	Environmental Monitoring Cell	1


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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	STP	256.55	64.13
2	Solid waste management	Mechanical composter	25	8
3	Water environment	RWH	104.5	10.45
4	Land environment	landscape	33	6.6
5	Energy saving	Solar	223.8	8.95

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


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

52.Any Other Information

No Information Available

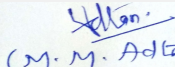
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The project site is accessible through the 15.00 m wide DP road , 24 m wide DP road & 30 m wide DP road
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	68124.03 sq.m
	Area per car:	40 sq.m
	Area per car:	40 sq.m
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	1686 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	minimum 6 m wide
	CRZ/ RRZ clearance obtain, if any:	CRZ NOC obtained vide letter mo. CRZ-2012/CR-51/TC-3


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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	Nil
	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		

SEAC-AGENDA-0000000289

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


PP informed that, the project under consideration is expansion in existing residential project. *PP further stated that, the total plot area of the project is 165608.00 Sq.mt. having total construction area 318590.7 Sq.mt(FSI - 2,23,427.64 sq.mt +NON FSI- 95,163.06 sq.mt) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)
Bldg No. 1 to 7 & 10 to 20	St + 12 floors	37.64
Bldg 8	St + 16 floors	49.3
Bldg 9	St + 16 (pt) floors	49.3
Bldg No. 21 to 28	St + 14 floors 43.43	
Bldg 29,30	St + 16 floors 49.3	
Bldg 31, 32	St + 17 floors 52.2	
Bldg 33 to 38	St + 20 floors 60.20	
Bldg. 39,40 (Commercial)	G + 1 floor 9.14	
Bldg 41 (Commercial)	Gr floor 7.9	
Bldg 42 (bungalow)	Gr + 1 floor	6.00
Bldg 43 to 45	St + 20 floors	60.20
Clubhouse	G + 1 floor	6.00

It is noted that, Project has received Environmental clearance vide letter dated 8th August 2012 for total construction area of 2,62,410.77 sq.mt

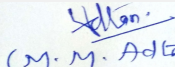
It is noted that the project earlier considered in 84th SEAC-2 Day-2 Meeting held on 07-01-2019 & ToR accorded for the same .Accordingly, PP submitted the EIA which was taken on record.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, EIA, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.


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DECISION OF SEAC

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

Specific Conditions by SEAC:

- 14) PP to upload the copy of list of directors of the company dully registered under registrar of company.
- 15) PP to ensure that, RG area as per earlier EC should not be reduced.
- 16) PP to upload the copy of LoI along with layout plan.
- 17) PP to mark all drive ways on fire tender movement plan.
- 18) PP to upload the copy of CFO NoC.
- 19) PP to upload the copy of CRZ NoC.
- 20) PP to ensure that BoD should be below 10.
- 21) PP to ensure ECBC norms are complied.
- 22) PP to upload river study report done by CWPRS & also include the same in EIA.
- 23) PP to revise the traffic study considering the two wheeler vehicles also along with speed of the vehicles.
- 24) PP to submit the revised wind analysis considering the minimum & maximum wind speed observed by IMD for longer period.
- 25) Environment Consultant should ensure that details like source of data, length of data should be mentioned in the EIA report.
- 26) It is noted that, in EIA it is mentioned as geology study is carried out as desktop study. Environment consultant should mention it in correct way.

FINAL RECOMMENDATION

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

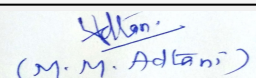
SEAC-AGENDA-0000000289



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Agenda of 104th Day-2 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 Meeting Date June 27, 2019

Subject: Environment Clearance for Amendment in Environment Clearance for proposed Residential and commercial project

Is a Violation Case: No

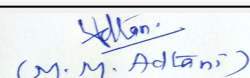
1.Name of Project	"Vijay Estate Vakas" Residential and Commercial project by M/s. Vijay Group Housing Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Ateev Gala
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Residential & Commercial Township Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project (Amendment in Environment Clearance)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Environmental Clearance obtained Vide Letter No. SEAC-2212/CR-470/TC-II dated 08th October 2015
8.Location of the project	Village Vakas, near Neral, Taluka - Karjat, District - Raigad (6/5A, 6/5B, 6/6, 6/7, 6/8, 6/9, 44/2(10/2)*, 45/1(11/1)*, 45/6(11/6)*, 45/7(11/7)*, 45/8(11/8)*, 45/9(11/9)*, 45/10(11/10)*, 45/11(11/11)*, 45/12(11/12)*, 45/13(11/13)*, 45/14(11/14)*, 45/15(11/15)*, 45/16(11/16)*, 45/17(11/17)*, 46/1(12/1)*, 46/3(12/3)*, 46/4(12/4)*, 46/5(12/5)*, 46/6(12/6)*, 46/7(12/7)*, 46/8(12/8)*, (13/1)*, (14/1)*, 48/4(14/4)*, 53/4A/8(19/4A/8)*, 53/5(19/5)*, 53/6A/9(19/6A/9)*, 53/7(19/7)*, 53/10(19/10)*, 54/1(20/1)*, 54/2(20/2)*, 54/3(20/3)*, 54/4(20/4)*, 54/5(20/5)*, 54/6(20/6)*, 54/7(20/7)*, 54/8A/9(20/8A/9)*, 55/1(21/1)*, 55/3(21/3)*, 55/4(21/4)*, 55/5(21/5)*, 55/6 (21/6)*, 55/7(21/7)*, 56/2(22/2)*, 56/3D/6C(22/3D/6C)*, 56/3D/6B(22/3D/6B)*, 56/8(22/8)*, 57/1(23/1)*, 58(24)*, 61/1(27/1)*, 61/5(27/5)*, 61/7(27/7)*, 61/8A/9(27/8A/9)*, 61/8B/9(27/8B/9)*, 68/1A(34/1C)*, 68/1B(34/1B)*, 68/1C(34/1A)*, 68/1D(34/1D)*
9.Taluka	Karjat
10.Village	Vakas
Correspondence Name:	Mr. Ateev Gala
Room Number:	205
Floor:	Second Floor
Building Name:	Marine Chambers
Road/Street Name:	43
Locality:	New Marine Lines
City:	Mumbai-400020.
11.Whether in Corporation / Municipal / other area	Collector, Town planning - Alibaug, District - Raigad
12.IOD/IOA/Concession/Plan Approval Number	Application for amendment in municipal approval is in process. IOD/IOA/Concession/Plan Approval Number: Received Town Planning N.A. order cum Commencement certificate vide file no. kra.M.Sha/L.N.A.1(B)/Pra.Kra. 111/ 2016 dtd. 10.04.2017 for existing proposal Approved Built-up Area: 360298
13.Note on the initiated work (If applicable)	Construction work of 18 no. of building completed & Construction work of another 6 no. of building is in progress.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	2,66,270 Sq.m
16.Deductions	13,319 Sq.m
17.Net Plot area	2,52,951 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Permissible FSI area : - 2,95,952 Sq.m Proposed FSI area : - 2,32,808 Sq.m b) Non FSI area (sq. m.): 1,27,490 Sq.m c) Total BUA area (sq. m.): 360298



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18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Application for amendment in municipal approval is in process.
	Approved Non FSI area (sq. m.): Application for amendment in municipal approval is in process.
	Date of Approval: 10-04-2017
19.Total ground coverage (m2)	57,560 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22 % of net plot area
21.Estimated cost of the project	5314000000

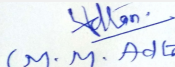
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A (27 Buildings)	G+4	14.85
2	AS (5 Buildings)	G+4	14.85
3	A1 (2 Buildings)	G+4	14.85
4	A1O (3 Buildings)	G+4	14.85
5	A2 (1 Buildings)	G+4	14.85
6	A2K (1 Buildings)	G+4	14.85
7	A3KO (1 Buildings)	G+4	14.85
8	A5 (2 Buildings)	G+4	14.85
9	A5O (5 Buildings)	G+4	14.85
10	A6 (7 Buildings)	G+4	14.85
11	A6O (2 Buildings)	G+4	14.85
12	A6K (4 Buildings)	G+4	14.85
13	A7 (2 Buildings)	G+4	14.85
14	A7O (1 Buildings)	G+4	14.85
15	AS (5 Buildings)	G+4	14.85
16	B1KO (1Buildings)	G+4	14.85
17	B2 (1 Buildings)	G+4	14.85
18	B2S (1 Buildings)	G+4	14.85
19	B3K (5 Buildings)	G+4	14.85
20	B4SK (4 Buildings)	G+4	14.85
21	B5S (4 Buildings)	G+4	14.85
22	B6S (1 Buildings)	G+4	14.85
23	B8O (1 Buildings)	G+4	14.85
24	B8K (1 Buildings)	G+4	14.85
25	B8S (1 Buildings)	G+4	14.85
26	B8SO (1 Buildings)	G+4	14.85
27	B10 (1 Buildings)	G+4	14.85
28	B10K (2 Buildings)	G+4	14.85
29	B10S (2 Buildings)	G+4	14.85
30	B11(2 Buildings)	G+4	14.85
31	B11K (6 Buildings)	G+4	14.85
32	B12S (2 Buildings)	G+4	14.85
33	CR (1Building)	G+4	14.85
34	C2 (2 Buildings)	G+4	14.85



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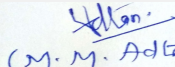

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35	C2S (1 Building)	G+4	14.85
36	C5SK (1Building)	G+4	14.85
37	C6SK (1Building)	G+4	14.85
38	C6SM (1Building)	G+4	14.85
39	C7O (2Buildings)	G+4	14.85
40	C7S (1Building)	G+4	14.85
41	C7SM (2 Buildings)	G+4	14.85
42	C7S2 (4 Buildings)	G+4	14.85
43	C9 (2 Buildings)	G+4	14.85
44	C10S (12 Buildings)	G+4	14.85
45	C12S (2 Buildings)	G+4	14.85
46	C16S (1 Building)	G+4	14.85
47	CS3 (1 Building)	G+4	14.85
48	DO (1 Building)	G+4	14.85
49	DMO (1 Building)	G+4	14.85
50	D1S (1 Building)	G+4	14.85
51	D1SO (1 Building)	G+4	14.85
52	E1S (1 Building)	G+4	14.85
53	E2 (6 Buildings)	G+4	14.85
54	E2O (3 Buildings)	G+4	14.85
55	E3S (3 Buildings)	G+4	14.85
56	E4 (8 Buildings)	G+4	14.85
57	E5S (2 Buildings)	G+4	14.85
58	E7 (3 Buildings)	G+4	14.85
59	E7S (1 Building)	G+4	14.85
60	E8S (2 Building)	G+4	14.85
61	SE- 05 Additional Office Building (2 Buildings)	Gr+Upper Ground+1st Floor	3.0
62	SE- 04 Additional Office Building (1Building)	G+1	3.0
23.Number of tenants and shops		5540 no. of tenements 583 no. of shops 20 no. Offices	
24.Number of expected residents / users		Total Population: 24,206 nos. Residential: 22,993 nos. Commercial: 1,213 nos.	
25.Tenant density per hectare		208/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))		Proposed State Highway no. 103 is 60 m wide D.P. road Proposed 18, 15.1, 12, 9 & 6 m internal road	


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28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NO
30.Details of the demolition with disposal (If applicable)	NO

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

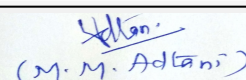
Dry season:	Source of water	River Pej (???)
	Fresh water (CMD):	2,116
	Recycled water - Flushing (CMD):	1,042
	Recycled water - Gardening (CMD):	184
	Swimming pool make up (Cum):	Not Applicable
	Total Water Requirement (CMD) :	3159
	Fire fighting - Underground water tank(CMD):	Not Applicable
	Fire fighting - Overhead water tank(CMD):	Not Applicable
	Excess treated water	232 (to be discharged into 2 nos. artificial pond with 20m x 20m x 5m)



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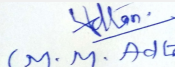
Wet season:	Source of water	River Pej (???)								
	Fresh water (CMD):	2,116								
	Recycled water - Flushing (CMD):	1,042								
	Recycled water - Gardening (CMD):	92								
	Swimming pool make up (Cum):	Not Applicable								
	Total Water Requirement (CMD) :	3,159								
	Fire fighting - Underground water tank(CMD):	Not Applicable								
	Fire fighting - Overhead water tank(CMD):	Not Applicable								
	Excess treated water	324 (to be discharged into 2 nos. artificial pond with 20m x 20m x 5m)								
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	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Approx. 1.5 to 5m								
	Size and no of RWH tank(s) and Quantity:	Not applicable								
	Location of the RWH tank(s):	Not applicable								
	Quantity of recharge pits:	172								
	Size of recharge pits :	2.5 m x 2.5 m x 3 m depth								
	Budgetary allocation (Capital cost) :	Rs. 118 Lakh								
	Budgetary allocation (O & M cost) :	Rs. 6 Lakh /year								
	Details of UGT tanks if any :	Total Domestic UG tank capacity: 2106 m3/day (Block wise UG Tank = 27 nos.) Total Flushing UG tank capacity : 1053 m3/day (Block wise UG Tank = 27 nos.) Fire UG tank capacity 2 nos. of tanks with capacity of 100 m3/day								

35.Storm water drainage	Natural water drainage pattern:	Along with internal road side & as per contour of the plot
	Quantity of storm water:	35,414 m ³ /hr
	Size of SWD:	1,800 mm × 1,200 mm Also as per contour vary from 300 mm to 600 mm
Sewage and Waste water	Sewage generation in KLD:	2843 m ³ /day
	STP technology:	Block wise 27 nos. of STP : Moving Bed Bio-Reactor (MBBR) Technology
	Capacity of STP (CMD):	Block wise 27 nos. of STP having total capacity = 3,240 m ³ /day
	Location & area of the STP:	Location : On Ground Area of STP : 2700 sq.m
	Budgetary allocation (Capital cost):	Rs. 475 Lakh
	Budgetary allocation (O & M cost):	Rs. 257 Lakh /year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	• Total waste generation from Labour colony is 175 kg/day • Quantity of the top soil to be preserved: 28,680 m ³ .
	Disposal of the construction waste debris:	This material shall be used for back filling and leveling of the plot within project
Waste generation in the operation Phase:	Dry waste:	6,691 kg/day
	Wet waste:	4,696 kg/day
	Hazardous waste:	NOT APPLICABLE
	Biomedical waste (If applicable):	NOT APPLICABLE
	STP Sludge (Dry sludge):	569 kg/day
	Others if any:	Inert waste : 352 kg/day
Mode of Disposal of waste:	Dry waste:	Dry waste will be segregated & disposed of to the recyclers
	Wet waste:	Wet waste will be treated by using Organic waste converter machine (Blockwise 8 Nos. of OWC 30 Machine & 19 nos. of OWC 60 machine Proposed)
	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 premises.
	Others if any:	Not Applicable
Area requirement:	Location(s):	On Ground
	Area for the storage of waste & other material:	500 Sq.m
	Area for machinery:	2,862 Sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 176 Lakh
	O & M cost:	Rs. 77 Lakh /year



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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 :	26,997				
		No of trees to be cut :	Existing Trees: 42 nos. 17 nos. (to be transplant) 25 nos. (to be retain)				
		Number of trees to be planted :	1350				
		List of proposed native trees :	Provided				
		Timeline for completion of plantation :	Approx. Five 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	Coconucifera	Coconut	51	Fruit tree			
2	Manilkara zapota	Chikoo	60	Fruit tree			



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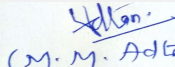

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3	Lagerstroemia speciosa	Jarul	55	Flowering tree
4	Plumeria alba	Champa	55	Flowering tree
5	Cassia fistula	Amaltas	55	Flowering tree
6	Psidium guajava	Guava	55	Fruit tree
7	Terminalia catappa	Badam	55	Fruit & Shady tree
8	Annona squamosa	Sitaphal	60	Fruit tree
9	Callistemon viminalis	Bottle brush	55	Flowering tree
10	Mangifera indica	Mango	60	Fruit tree
11	Artocarpus heterophyll	Phanas	55	Fruit tree
12	Morus alba	Shetoot	55	Fruit tree
13	Syzygium cumini	Black Jamun	60	Fruit & Shady tree
14	Delonix regia	Gulmohar	52	Flowering tree
15	Bauhinia blakeana	Kanchan	55	Flowering tree
16	Samanea Saman	Raintree	55	Large Shady tree
17	Pongamia pinnate	Karanj	55	Medical tree
18	Millingtonlia hortensis	Indian Cork Tree	50	Flower & fragrance tree
19	Kigelia africana	sausage tree	55	Evergreen tree
20	A mix o f: 1. Casuariana equisetifolia 2. Delonix regia 3. Peltophorum pterocarpum 4. Tabebuia rosea 5. Anthocephalus cadamba	1. Suru 2. Gulmohar 3. Peltophorum 4. Tabebuia 5. Kadamb	297	1. - 2. Flower & Shady tree 3. Flower & Shady tree 4. Flower & Shady tree 5. Fruit & Shady 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				


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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	500 KW
	DG set as Power back-up during construction phase	1 no. DG set of 125 kVA
	During Operation phase (Connected load):	28,673 KW
	During Operation phase (Demand load):	25,653 KW
	Transformer:	10 nos. of 1000 kVA, 6 nos. of 750 kVA
	DG set as Power back-up during operation phase:	• Block-wise = 27 Nos. (Total Capacity:825 kVA) 7.5 kVA - 1 no. 15 kVA - 4 no. 20 kVA - 5 no. 30 kVA - 8 no. 35 kVA - 1 no. 40 kVA - 5 no. 50 kVA - 1 no. 62.5 kVA - 1 no. 70 kVA - 1 no.
	Fuel used:	High Speed Diesel
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

? Energy efficient, 4STAR, BEE labeled electrical fixtures, Energy efficient fluorescent tube lights, LED & CFL lamps.
 ? Solar water heating is provided for residential flats.
 ? Solar street lights are proposed for common areas such as open spaces, pathways etc.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of energy efficient BEE labelled electrical fixtures, solar powered lighting in external common area	19%

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:	470 Lakh
	O & M cost:	30 Lakh /Year

51. Environmental Management plan Budgetary Allocation

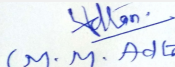
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	pH, colour, odour, turbidity, total hardness	50
2	Site Sanitation	Site sanitation, Toilets, STP, safe drinking water, Disinfection	48


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3	Environmental Monitoring	Air, water, soil and noise monitoring Site Fencing & noise barrier,	11
4	Disinfection	Disinfection	4
5	Health Check up	Health check up for workers, first Aid kit	9
6	Environment management	Traffic management , Vehicle maintenance, washing area, tyre cleaning, Tree plantation & water utilizationg, Storm water management	100
7	Training and Awareness	Safety personal protective equipment & Training programs and Safety Net	31

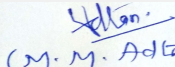
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment plant	Blockwise STP	475	257
2	Rain water Harvesting	172 Recharge Pits	118	6
3	Land Environment (Solid Waste Management)	Block Wise OWC OWC 30 = 8 nos. OWC 60 = 19 nos.	176	77
4	Air Environment	Tree Plantation & Landscaping	2,050	57
5	Environmental Monitoring	Monitoring and analysis of Air and Noise, water, soil etc.	-	2
6	Energy Conservation	LED & CFL & DG Back-up for 4 hrs. to all pollution control devices	725	124
7	Fire Fighting System (with tanks, pumping and yard hydrant piping costing)	External Hydrant Line, Fire extinguishers	136	1
8	Pond area	2 no. of pond & volume is 2,000 m3 each	240	1
9	Water Treatment Plant	For the project (during operational phase)	249	20
10	Internal SWD channel excavation	All around project site	3	0
11	Internal SWD channel construction (540 m3 for approximately 500 m of length)	All around project site	22	1
12	Passenger lift installation	For each building	1,034	31
13	Transportation facility - [2 nos. buses]	For the project	43	4


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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

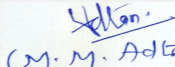
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 no. of the junction
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	2 Wheeler : 32,383 m2, Cycle : 9,813 m2, 4 Wheeler : 11,281 m2 , Total : 53,477 m2
	Area per car:	2 Wheeler : 4.2 m2, Cycle : 1.4 m2, 4 Wheeler : 125 m2
	Area per car:	2 Wheeler : 4.2 m2, Cycle : 1.4 m2, 4 Wheeler : 125 m2
	Number of 2-Wheelers as approved by competent authority:	7,710 nos.
	Number of 4-Wheelers as approved by competent authority:	451 nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	18, 15.1, 12 & 9 m wide road
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Neral - Matheran bird sanctuary is 16.2 km from project site and Karnala bird sanctuary is 49 km
	Category as per schedule of EIA Notification sheet	8 (a), B2
	Court cases pending if any	NA


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	Other Relevant Informations	We are applying for the amendment in the environmental clearance. Environmental clearance obtained vide file no. SEAC-2212/CR-470/TC-II dated 8th October 2015 In proposed amendment total construction area is 3,62,298 Sq.m. As per amendment EIA Notification Dated 15.11.2018, our application scrutiny comes under SEIAA.
	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		
<i>PP was absent; hence the project is deferred.</i>		
DECISION OF SEAC		
<i>PP was absent; hence the project is deferred.</i>		
Specific Conditions by SEAC:		
FINAL RECOMMENDATION		
SEAC-II decided to defer the proposal. Kindly find SEAC decision above.		

SEAC-AGENDA-2000000289

Agenda of 104th Day-2 SEAC-2 meeting held on 26th -27th June, 2019


SEAC Meeting number: 104 Meeting Date June 27, 2019

Subject: Environment Clearance for Revalidation of Environment Clearance for proposed residential project at plot bearing CTS No. 174 C at village Akurli, Akurli Road, Kandivali (E), Mumbai by M/s. Rajesh real Estate Developers Pvt. Ltd.

Is a Violation Case: No

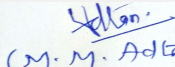
1.Name of Project	White City Metal
2.Type of institution	Private
3.Name of Project Proponent	M/s. Rajesh Real Estate Developers Pvt. Ltd.
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	residential project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received dated 28-12-2011 (Ref No. SEAC-2010/CR.748/TC.2)
8.Location of the project	CTS No. 174 C at village Akurli, Akurli Road, Kandivali (E), Mumbai 400101
9.Taluka	Borivali
10.Village	Akurli
Correspondence Name:	Mr. Priyal Patel ,Rajesh Real Estate Developers Pvt. Ltd.
Room Number:	-
Floor:	-
Building Name:	RB House
Road/Street Name:	MIDC Cross Road 'B' of Andheri Kurla Road
Locality:	J.B. Nagar, Andheri (E), Mumbai- 400 051
City:	Andheri
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	concession received by MCGM dated 7-9-2012 & IOD received dated 20-9-2016 IOD/IOA/Concession/Plan Approval Number: CHE/A-4300/BP(WS)/AR Approved Built-up Area: 159919.38
13.Note on the initiated work (If applicable)	as per received EC dated 28-12-2011 (Ref No. SEAC-2010/CR.748/TC.2)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	concession received by MCGM dated 7-9-2012 & IOD received dated 20-9-2016
15.Total Plot Area (sq. m.)	45800.00 sq.m.
16.Deductions	5660.00 sq.m.
17.Net Plot area	40140.00 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 67611.13 b) Non FSI area (sq. m.): 105432.23 c) Total BUA area (sq. m.): 173043.36
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 54487.15 Approved Non FSI area (sq. m.): 105432.23 Date of Approval: 20-09-2016
19.Total ground coverage (m2)	20570.00
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	44.91
21.Estimated cost of the project	1074100000

22.Number of buildings & its configuration


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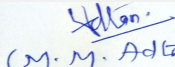

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing A, B, C	2B+ST+Podium+40 floors	138.30	
2	Wing D & E	2B+St + Podium+15 Floors	58.30	
3	Commercial bldg.	Gr+4 Floors	20.00	
23.Number of tenants and shops		No. of tenements = 730		
24.Number of expected residents / users		5260		
25.Tenant density per hectare		159 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))		18.30 m Wide Akurli Road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.00 m		
29.Existing structure (s) if any		asper the received EC		
30.Details of the demolition with disposal (If applicable)		-		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				



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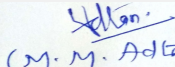

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Dry season:	Source of water	MCGM/Recycled water								
	Fresh water (CMD):	369								
	Recycled water - Flushing (CMD):	222								
	Recycled water - Gardening (CMD):	53								
	Swimming pool make up (Cum):	6								
	Total Water Requirement (CMD) :	650								
	Fire fighting - Underground water tank(CMD):	100 cum								
	Fire fighting - Overhead water tank(CMD):	25 cum								
	Excess treated water	237								
Wet season:	Source of water	MCGM/Recyled water/ RWH water								
	Fresh water (CMD):	369								
	Recycled water - Flushing (CMD):	222								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	6								
	Total Water Requirement (CMD) :	597								
	Fire fighting - Underground water tank(CMD):	100 cum								
	Fire fighting - Overhead water tank(CMD):	25 cum								
	Excess treated water	290								
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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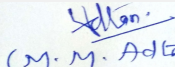

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Shri M.M.Adtani (Chairman SEAC-II)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	up to 2.00 m
	Size and no of RWH tank(s) and Quantity:	300 cum
	Location of the RWH tank(s):	at ground level
	Quantity of recharge pits:	18 no.s
	Size of recharge pits :	1.6X2.5 m
	Budgetary allocation (Capital cost) :	Rs. 30.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2.00 Lakhs
	Details of UGT tanks if any :	-
35.Storm water drainage	Natural water drainage pattern:	will be maintained
	Quantity of storm water:	Actual Discharge = 0.96 cum/sec, Design Discharge = 1.89 cum/sec
	Size of SWD:	900 X 450 STORM WATER MANHOLE MORE THAN 1.5M DEPTH
Sewage and Waste water	Sewage generation in KLD:	570
	STP technology:	SAFF
	Capacity of STP (CMD):	575
	Location & area of the STP:	600 sq.m
	Budgetary allocation (Capital cost):	Rs. 75.00Lakhs
	Budgetary allocation (O & M cost):	Rs. 5.5 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:	1034 kg/day
	Wet waste:	1221kg/day
	Hazardous waste:	nil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	118 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 manure
	Others if any:	Nil
Area requirement:	Location(s):	at ground level
	Area for the storage of waste & other material:	153.00 sq.m.
	Area for machinery:	10 sq.m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14.00Lakhs
	O & M cost:	Rs.2.50Lakhs

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

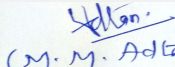
40.Details of Fuel to be used

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 :	Ground RG Area: 10200 sq.m., Podium RG Area: 4575 sq.m ,Total: 14775 sq.m.
	No of trees to be cut :	nil
	Number of trees to be planted :	458
	List of proposed native trees :	as below
	Timeline for completion of plantation :	at the end of the construction phase

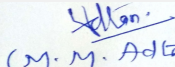
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Nerlum oleander pink	Nerlum single pink	20	-
2	Melaleuca golden crest	Golden bottle brush	16	-
3	Hibiscus rosea sinesis	Hibiscus pink regular	16	-
4	Tabernaemontana coronaria	Regular tagar	16	-
5	Plumbago capensis	Chitrak	15	-
6	Tabernaemontana coronaria variegated	Variegated tagar	16	-
7	Ixora chinesis	Chinese Ixora	15	-
8	Stachytarpheta Indica	Stachytarpheta Red	16	-
9	Euphorbia leucocephala	Polnsettla moutan snow	15	-
10	Belloperone gutta	Shrimp plant red	15	-
11	Ficus benjamina black	Ficus black	15	-
12	Alpinia speciosa	Alpinia yelow variegated	16	-
13	Euphorbia carcasana	Euphorbia	15	-
14	Ficus benjamina	Ficus prestige	15	-
15	Heliconia psittacorum	heliconia orange upright	15	-
16	Acalypha wikesiana	Acalypha marble pink	16	-
17	Murraya exotica	Kamini	15	-
18	Allamanda nerfolia	Allamanda miniature	15	-
19	Hibiscus rosea sinesis	Hibiscus white regular	10	-
20	Cesalpinia pulchirima	Shankasur	15	-
21	Bougainvillea glabra	Bougainvillea deep purple	15	-
22	Canna species (yellow)	Canna dwarf yellow	16	-
23	Callandra emarginata	Powder puff dwarf	20	-
24	Cassia biflora	Cassia biflora	15	-
25	Gardenia jasmenoides	Anant	15	-
26	Ixora duffel red	Ixora deep red	10	-


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27	Lagerstormia indica	Lagerstormia indica	15	-
28	Lantana camara	Tantani	10	-
29	Eranthemum laxiflorum	Tagar blue	20	-
30	Galphimia glauca	Canara bush	10	-
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	Ailanthus excelsa	-	-
2	Aegle marmelos	-	-
3	Azadirachta indica	-	-
4	Alstonia scholaris	-	-
5	Cassia fistula	-	-
6	Ficus retusa	-	-
7	Ficus infectoria	-	-
8	Mimusops elengi	-	-
9	Putranjiva roxburghii	-	-
10	Tamarindus indica	-	-

47.Energy

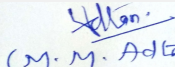
Power requirement:	Source of power supply :	TATA
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	8.35MW
	During Operation phase (Demand load):	-
	Transformer:	-
	DG set as Power back-up during operation phase:	2 X 750 KVA, 1 X 1250 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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Some of the measures taken to have better energy efficiency are as follows:

It is proposed to control all Common area lighting with photocell controllers which will switch on / off and dim the lights according to the ambient light conditions.

Solar lighting system is being proposed in the Landscaping and the Open paved area.

The motors used for the Water supply system, fire pumps, are of the efficiency 85-90 % and the capacitor banks of suitable rating are used in the panel.

Use of energy efficient appliances like T5 lamps results in energy conservation.

Use of electronic ballasts over conventional copper ballasts, the use of fluorescent lights instead of incandescent ones, the use of high quality reflectors etc.,

Exterior lighting like façade, common area etc are controlled by astronomical / timer switches to select the time and fittings.

It is proposed to use hydro pneumatic system with variable frequency drive for the water supply system.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	as above	-

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. 35.00Lakhs
	O & M cost:	Rs.3.00 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	3.5
2	Land Environment	Site Sanitation	3.0
3	Environmental Monitoring	Environmental Monitoring	15.0
4	EHS	Disinfection	2.5
5	EHS	Health check up	4.0

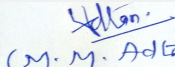
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	water environment	Rain Water Harvesting	30.0	2.0
2	solid waste	MSW	14.0	2.5
3	water environment	STP	75.0	5.5



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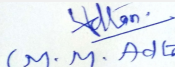

(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

4	Energy Saving	Solar Energy System	35.0	3.0			
5	land environment	Landscaping	14.0	2.2			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	2 nos. of entry exit from the 18.30 m wide Akurli Road					
Parking details:	Number and area of basement:	2 nos. (39340.02 sq.m.)					
	Number and area of podia:	1 no. (15572.84 sq.m.)					
	Total Parking area:	69635.49 sq.m.					
	Area per car:	as per DCR/NBC					
	Area per car:	as per DCR/NBC					
	Number of 2-Wheelers as approved by competent authority:	-					
	Number of 4-Wheelers as approved by competent authority:	Required = 1679Nos. Provided = 1680 Nos.					
	Public Transport:	nil					
	Width of all Internal roads (m):	6 to 9 m					
	CRZ/ RRZ clearance obtain, if any:	-					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park = Adjacent to ESZ boundary. Application for the NOC has been done on 01-08-2018					
	Category as per schedule of EIA Notification sheet	category B, shedule 8(b)					


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

	Court cases pending if any	No
	Other Relevant Informations	the project has received EC dated 28-12-2011 (Ref No. SEAC-2010/CR.748/TC.2). this is an application for revalidation of EC .
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	21-12-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorised in brief information of Project as below.		
Brief information of the project by SEAC		
<i>PP was absent; hence the project is deferred.</i>		
DECISION OF SEAC		
<i>PP was absent; hence the project is deferred.</i>		
Specific Conditions by SEAC:		
FINAL RECOMMENDATION		
SEAC-II decided to defer the proposal.Kindly find SEAC decision above.		

SEAC-AGENDA-0000000289