

## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019

**SEAC Meeting number: 91st Meeting Date March 6, 2019**


**Subject:** Environment Clearance for OASIS CITY

**Is a Violation Case:** Yes

1.Name of Project	Proposed Commercial development OASIS CITY ,P.B.MARG, LOWER PAREL,Mumbai
2.Type of institution	Private
3.Name of Project Proponent	KANTI GOWANI
4.Name of Consultant	BEIPL
5.Type of project	Commercial Development
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NO EC obtained earlier
8.Location of the project	465,P.B.MARG, LOWER PAREL
9.Taluka	Mumbai
10.Village	Mumbai
Correspondence Name:	302,Tardeo Air Conditioned Market,Tardeo,Mumbai
Room Number:	nil
Floor:	3
Building Name:	na
Road/Street Name:	Tardeo Air Conditioned Market
Locality:	Mumbai
City:	Mumbai
11.Area of the project	MCGM
12.IOD/IOA/Concession/Plan Approval Number	EB/9182/GS/A
	<b>IOD/IOA/Concession/Plan Approval Number:</b> EB/9312/GS/AL
	<b>Approved Built-up Area:</b> 60137.60
13.Note on the initiated work (If applicable)	Covering Letter attached
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	46571.00 sq.m
16.Deductions	RG 1038.90 m2 MHADA 850 m2
17.Net Plot area	44682.10 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 70485
	b) Non FSI area (sq. m.): 65105
	c) Total BUA area (sq. m.): 135590
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 60137
	Approved Non FSI area (sq. m.):
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	20510
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	46%
21.Estimated cost of the project	4000000000

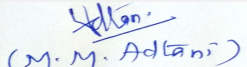
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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1	Building 32	3 Basement + Ground + 13 part	58.80	
2	Building A	3 Basement + Ground + 3	16.80	
3	Structure 18	Proposed 4th Floor	22.55	
4	Structure 14 & 17	Basement + Ground + 4 Part	20.70	
<b>23.Number of tenants and shops</b>		uNITS 120 no.s		
<b>24.Number of expected residents / users</b>		9649 commercial +floating		
<b>25.Tenant density per hectare</b>		NA		
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>		NA		
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>		NIL		
<b>29.Existing structure (s) if any</b>		Structures 5,6,7, 8, 9, 10, 14, 17, 18, 20, 39, 40, 41, 42, X and 28 are existing		
<b>30.Details of the demolition with disposal (If applicable)</b>		NA		
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

Dry season:	Source of water	MCGM
	Fresh water (CMD):	145
	Recycled water - Flushing (CMD):	289
	Recycled water - Gardening (CMD):	13
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	447
	Fire fighting - Underground water tank(CMD):	As per Fire regulatory requirements
	Fire fighting - Overhead water tank(CMD):	As per Fire regulatory requirements
	Excess treated water	to be reused for flushing and green area development
Wet season:	Source of water	MCGM
	Fresh water (CMD):	145
	Recycled water - Flushing (CMD):	289
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	434
	Fire fighting - Underground water tank(CMD):	As per Fire regulatory requirements
	Fire fighting - Overhead water tank(CMD):	As per Fire regulatory requirements
	Excess treated water	to be reused for flushing
Details of Swimming pool (If any)	NA	

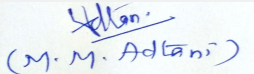
### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	-	145	145	-	10%	10%	-	413	413


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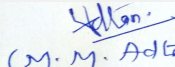
  
**Shri M.M.Adtani (Chairman SEAC-II)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	as per geo tech investigation report
	<b>Size and no of RWH tank(s) and Quantity:</b>	Will be provided during SEAC ppt
	<b>Location of the RWH tank(s):</b>	Will be provided during SEAC ppt
	<b>Quantity of recharge pits:</b>	Will be provided during SEAC ppt
	<b>Size of recharge pits :</b>	Will be provided during SEAC ppt
	<b>Budgetary allocation (Capital cost) :</b>	Will be provided during SEAC ppt
	<b>Budgetary allocation (O &amp; M cost) :</b>	Will be provided during SEAC ppt
	<b>Details of UGT tanks if any :</b>	Will be provided during SEAC ppt
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	as per natural draiange pattern
	<b>Quantity of storm water:</b>	Will be provided during SEAC ppt
	<b>Size of SWD:</b>	Will be provided during SEAC ppt
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	413
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1,420
	<b>Location &amp; area of the STP:</b>	Ground
	<b>Budgetary allocation (Capital cost):</b>	Will be provided during SEAC ppt
	<b>Budgetary allocation (O &amp; M cost):</b>	Will be provided during SEAC ppt
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	2.04TPD
	<b>Disposal of the construction waste debris:</b>	for levelling and filling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1.06TPD
	<b>Wet waste:</b>	0.98TPD
	<b>Hazardous waste:</b>	FromDG set
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	0.1 TPD
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Local body
	<b>Wet waste:</b>	OWC
	<b>Hazardous waste:</b>	Through authorised agency
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	0.103 ,mANURE
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	100sq.m
	<b>Area for machinery:</b>	4 sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	15
	<b>O &amp; M cost:</b>	3

### 37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	As per MBBR inlet	As per MBBR inlet	As per MBBR inlet	As per MBBR outlet charecterestics	MPCB standards
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	HSD
42.Mode of Transportation of fuel to site	Not applicable

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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2503.33 sq.m
	<b>No of trees to be cut :</b>	NIL
	<b>Number of trees to be planted :</b>	23
	<b>List of proposed native trees :</b>	Will be provided during SEAC ppt
	<b>Timeline for completion of plantation :</b>	Will be provided during SEAC ppt

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Will be provided during SEAC ppt	Will be provided during SEAC ppt	Will be provided during SEAC ppt	Will be provided during SEAC ppt

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


<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL/RELIANCE
	<b>During Construction Phase: (Demand Load)</b>	Will be provided during SEAC ppt
	<b>DG set as Power back-up during construction phase</b>	Will be provided during SEAC ppt
	<b>During Operation phase (Connected load):</b>	Will be provided during SEAC ppt
	<b>During Operation phase (Demand load):</b>	Will be provided during SEAC ppt
	<b>Transformer:</b>	Will be provided during SEAC ppt
	<b>DG set as Power back-up during operation phase:</b>	Will be provided during SEAC ppt
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

#### 48.Energy saving by non-conventional method:

Will be provided during SEAC ppt


#### 49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
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1	Will be provided during SEAC ppt	Will be provided during SEAC ppt					
<b>50.Details of pollution control Systems</b>							
<b>Source</b>	<b>Existing pollution control system</b>	<b>Proposed to be installed</b>					
Not applicable	Not applicable	Not applicable					
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Will be provided during SEAC ppt					
	<b>O &amp; M cost:</b>	Will be provided during SEAC ppt					
<b>51.Environmental Management plan Budgetary Allocation</b>							
<b>a) Construction phase (with Break-up):</b>							
<b>Serial Number</b>	<b>Attributes</b>	<b>Parameter</b>	<b>Total Cost per annum (Rs. In Lacs)</b>				
1	Will be provided during SEAC ppt	Will be provided during SEAC ppt	Will be provided during SEAC ppt				
<b>b) Operation Phase (with Break-up):</b>							
<b>Serial Number</b>	<b>Component</b>	<b>Description</b>	<b>Capital cost Rs. In Lacs</b>	<b>Operational and Maintenance cost (Rs. in Lacs/yr)</b>			
1	Will be provided during SEAC ppt	Will be provided during SEAC ppt	Will be provided during SEAC ppt	Will be provided during SEAC ppt			
<b>51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)</b>							
<b>Description</b>	<b>Status</b>	<b>Location</b>	<b>Storage Capacity in MT</b>	<b>Maximum Quantity of Storage at any point of time in MT</b>	<b>Consumption / Month in MT</b>	<b>Source of Supply</b>	<b>Means of transportation</b>
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>52.Any Other Information</b>							
No Information Available							
<b>53.Traffic Management</b>							
<b>Nos. of the junction to the main road &amp; design of confluence:</b>			Will be provided during SEAC ppt				

Parking details:	Number and area of basement:	NIL
	Number and area of podia:	NIL
	Total Parking area:	60910.00 sq.m
	Area per car:	33sq.m
	Area per car:	33sq.m
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	1845.00 nos Parking Proposed as per DCR1991
	Public Transport:	NA
	Width of all Internal roads (m):	12M
CRZ/ RRZ clearance obtain, if any:	NA	
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Will be provided during SEAC ppt	
Category as per schedule of EIA Notification sheet	8B	
Court cases pending if any	None	
Other Relevant Informations	NA	
Have you previously submitted Application online on MOEF Website.	No	
Date of online submission	-	

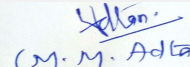
## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	NA
Water Budget	Dry season: 3925 CMD,Wet season: 3925 CMD
Waste Water Treatment	Sewage generation in KLD: 3532 STP technology: RMBR (Rotating Media Bio Reactor) Capacity of STP (CMD): 10 STPs of Total Capacity 3785 KLD
Drainage pattern of the project	NA
Ground water parameters	Level of the Ground water table: 1.5 m

  
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<b>Solid Waste Management</b>	Dry waste: Dry garbage will be further segregated into recyclable and non-recyclable. Recyclable will be sent to recycling units and non-recyclable will be disposed off at VVCMC waste disposal sites Wet waste: Wet garbage will be treated on site and will be used as manure. Hazardous waste: NA
<b>Air Quality &amp; Noise Level issues</b>	NA
<b>Energy Management</b>	Solar energy generated/saved 14 %
<b>Traffic circulation system and risk assessment</b>	27.Right of way (Width of the road from the nearest fire station to the proposed building(s)-- 12.00 m wide Yashwant Nagar Road 30.m Wide DP Road
<b>Landscape Plan</b>	NA
<b>Disaster management system and risk assessment</b>	NA
<b>Socioeconomic impact assessment</b>	NA
<b>Environmental Management Plan</b>	NA
<b>Any other issues related to environmental sustainability</b>	NA
<b>Brief information of the project by SEAC</b>	

SEAC-AGENDA-0000000224

Representative of PP Mr. Gowani was present during the meeting along with Environmental Consultant M/S Building Environment India Pvt.Ltd.

PP submitted their application for prior Environment Clearance for total plot area of 46571.00Sq.mt, Total BUA of 1,35,590Sq.mt, and FSI area of 70485sq.m. It is proposed to buildings having maximum height of 58.80 meters. The proposal was previously considered in 73<sup>rd</sup>, 81<sup>st</sup>, 85<sup>th</sup> and 88<sup>th</sup> meeting of SEAC-II, held on 9/10/2018, 10/12/2018, 18/01/2019 and 11/02/2019 respectively.


In the said meetings it is noted that, 1<sup>st</sup> CC was obtained from MCGM on 21/12/1995 and Plans were approved under modified DCR 58 for Mill land redevelopment by retaining certain structures and proposing additional floors on retained structures and proposing two new structures (Building A and Structure #32) for a total built up area of 58,495 m<sup>2</sup> including retained and proposed structures. It is further informed that, 3883.99 Sq.mt Work done as per approval prior to EIA Notification 2004 and 5935.63 Sq.mt Work done as per approval post 2006. PP further stated that, the project under consideration is redevelopment project & as per Hon. High court order construction done below 20,000 sq.mt and hence be exempted from violation of EIA Notification, 2006.

The building configuration is as bellow-

Building Name & number	Number of floors	Height (Mtrs)
Building 32	3 Basement + Ground + 13 part	58.80
Building A	3 Basement + Ground + 3	16.80
Structure 18	Proposed 4th Floor	22.55
Structure 14 & 17	Basement + Ground + 4 Part	20.70

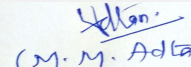
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of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

## DECISION OF SEAC

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

Specific Conditions by SEAC:

**FINAL RECOMMENDATION**

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

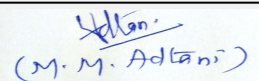
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**Shri M.M.Adtani (Chairman  
SEAC-II)**

## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019

**SEAC Meeting number: 91st Meeting Date March 6, 2019**

**Subject:** Environment Clearance for Environmental Clearance for proposed Area Development Project in Pushpak Node at Navi Mumbai

**Is a Violation Case:** No

1.Name of Project	Area Development Project in Pushpak Node for Navi Mumbai International Airport
2.Type of institution	Government
3.Name of Project Proponent	City & Industrial Development Corporation of Maharashtra Ltd. ( CIDCO)
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Area Development 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	Revenue village - Owle Survey Nos. 24pt,25pt,26,27pt,29pt,30pt,31,32pt,33,34pt,35pt,42pt,43pt,44,45,46,47pt,54pt,55,56,57,58,59,60,61,62,63pt,64,65,66,67,68,69,70pt,192PT & 193pt Revenue village - Bambavi Survey Nos. 26pt,27pt,28pt,29pt,30pt,31pt,32,33,34,35,36,37,38pt & 39pt Revenue village - Ulwe Survey Nos. 74pt,75pt,76pt & 77pt Revenue village - Kundawahal Survey Nos. 84pt
9.Taluka	Panvel
10.Village	Owale, Bambavi, Pargaon, Dungi, Ulwe & Kundeawahal
Correspondence Name:	D.R. Patil
Room Number:	--
Floor:	3rd Floor, Tower no.10
Building Name:	Belapur Railway Station Complex
Road/Street Name:	At CBD Belapur Railway Station
Locality:	CBD Belapur
City:	Navi Mumbai
11.Area of the project	CIDCO
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable at this stage IOD/IOA/Concession/Plan Approval Number: Not Applicable at this stage Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approvals from Government of India (MoCA, MoD, MoEF& CC), Government of Maharashtra are obtained for NMIA project proposals pertaining to development of area to the south of proposed Airport site for airport support activities.
15.Total Plot Area (sq. m.)	4,39,200 sq.m. (43.92 Ha)
16.Deductions	Not Applicable at this stage
17.Net Plot area	4,39,200 sq.m. (43.92 Ha)
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not Applicable at this stage b) Non FSI area (sq. m.): Not Applicable at this stage c) Total BUA area (sq. m.): 2029000
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not Applicable at this stage Approved Non FSI area (sq. m.): Not Applicable at this stage Date of Approval: 01-01-1900
19.Total ground coverage (m2)	Not Applicable at this stage
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not Applicable at this stage
21.Estimated cost of the project	0

### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	Will be worked out at Rapid EIA Stage
24.Number of expected residents / users	Approx. 250,000
25.Tenant density per hectare	Approx. 5,692

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26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Minimum 9m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m
29.Existing structure (s) if any	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

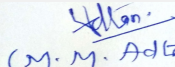
### 32.Total Water Requirement

Dry season:	Source of water	Hetwane Dam / Morbe Dam for fresh water and STP treated water for flushing and gardening
	Fresh water (CMD):	Will be worked out at Rapid EIA Stage
	Recycled water - Flushing (CMD):	Will be worked out at Rapid EIA Stage
	Recycled water - Gardening (CMD):	Will be worked out at Rapid EIA Stage
	Swimming pool make up (Cum):	Will be worked out at Rapid EIA Stage
	Total Water Requirement (CMD) :	11MLD
	Fire fighting - Underground water tank(CMD):	Will be worked out at Rapid EIA Stage
	Fire fighting - Overhead water tank(CMD):	Will be worked out at Rapid EIA Stage
	Excess treated water	Will be worked out at Rapid EIA Stage

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

<b>Wet season:</b>	<b>Source of water</b>	Hetwane Dam / Morbe Dam for fresh water and STP treated water for flushing
	<b>Fresh water (CMD):</b>	Will be worked out at Rapid EIA Stage
	<b>Recycled water - Flushing (CMD):</b>	Will be worked out at Rapid EIA Stage
	<b>Recycled water - Gardening (CMD):</b>	Will be worked out at Rapid EIA Stage
	<b>Swimming pool make up (Cum):</b>	Will be worked out at Rapid EIA Stage
	<b>Total Water Requirement (CMD) :</b>	11MLD
	<b>Fire fighting - Underground water tank(CMD):</b>	Will be worked out at Rapid EIA Stage
	<b>Fire fighting - Overhead water tank(CMD):</b>	Will be worked out at Rapid EIA Stage
	<b>Excess treated water</b>	Will be worked out at Rapid EIA Stage
<b>Details of Swimming pool (If any)</b>	NA	

### 33.Details of Total water consumed

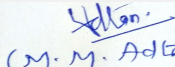
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	Will be studied at Rapid EIA Stage
	<b>Size and no of RWH tank(s) and Quantity:</b>	Will be worked out at Rapid EIA Stage
	<b>Location of the RWH tank(s):</b>	Will be worked out at Rapid EIA Stage
	<b>Quantity of recharge pits:</b>	Will be worked out at Rapid EIA Stage
	<b>Size of recharge pits :</b>	Will be worked out at Rapid EIA Stage
	<b>Budgetary allocation (Capital cost) :</b>	Will be worked out at Rapid EIA Stage
	<b>Budgetary allocation (O &amp; M cost) :</b>	Will be worked out at Rapid EIA Stage
	<b>Details of UGT tanks if any :</b>	Will be worked out at Rapid EIA Stage


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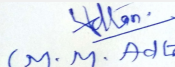
  
 (M. M. Adtani)  
**Shri M.M.Adtani (Chairman SEAC-II)**

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Natural drainage pattern will be maintained as far as possible
	<b>Quantity of storm water:</b>	Will be worked out at Rapid EIA Stage
	<b>Size of SWD:</b>	Will be worked out at Rapid EIA Stage
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	Will be worked out at Rapid EIA Stage
	<b>STP technology:</b>	Will be worked out at Rapid EIA Stage
	<b>Capacity of STP (CMD):</b>	Will be worked out at Rapid EIA Stage
	<b>Location &amp; area of the STP:</b>	Will be worked out at Rapid EIA Stage
	<b>Budgetary allocation (Capital cost):</b>	Will be worked out at Rapid EIA Stage
	<b>Budgetary allocation (O &amp; M cost):</b>	Will be worked out at Rapid EIA Stage
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Approx. 3.5 crore cum. excavated material will be generated from hill cutting.
	<b>Disposal of the construction waste debris:</b>	The excavated material removed during excavation will be reused on site or will be used as filling material in nearby areas. Bricks, metal chips, cut tiles will be used for internal paving. The damaged / cut pieces of steel, glass etc. will be sold to the scrap dealer. Remaining will be sold off to authorized dealers.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Will be worked out at Rapid EIA Stage
	<b>Wet waste:</b>	Will be worked out at Rapid EIA Stage
	<b>Hazardous waste:</b>	Waste / Spent Oil from DG Set & Transformers
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Will be worked out at Rapid EIA Stage
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Segregation and sale of recyclables, inerts to approved landfill site
	<b>Wet waste:</b>	Organic Waste Composter (OWC)
	<b>Hazardous waste:</b>	Used oil from DG sets to be sold to authorized oil waste recycler
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	To be mixed with wet waste and to use it as compost after proper drying
	<b>Others if any:</b>	Not applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Will be worked out at Rapid EIA Stage
	<b>Area for the storage of waste &amp; other material:</b>	Will be worked out at Rapid EIA Stage
	<b>Area for machinery:</b>	Will be worked out at Rapid EIA Stage
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Will be worked out at Rapid EIA Stage
	<b>O &amp; M cost:</b>	Will be worked out at Rapid EIA Stage
<b>37.Effluent Charecterestics</b>		

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

### 38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used / spent oil applicable	5.1	KL/Annum	Not applicable	As and when generated	As and when generated	Will be sold to authorized oil waste recyclers

### 39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set (details will be worked out at Rapid EIA Stage)	HSD	details will be worked out at Rapid EIA Stage	As per CPCB guidelines	As per CPCB guidelines	Not applicable

### 40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	As per requirement	As per requirement
41.Source of Fuel		Local Petrol Pump		
42.Mode of Transportation of fuel to site		Tanker		

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	As per requirement
	<b>No of trees to be cut :</b>	300 approx.
	<b>Number of trees to be planted :</b>	As per requirement, details will be worked out at Rapid EIA Stage
	<b>List of proposed native trees :</b>	Native tree species with large canopy size and flower and fruit bearing variety will be selected.
	<b>Timeline for completion of plantation :</b>	Till the operation phase 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
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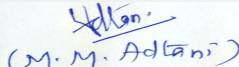


1	Will be worked out at Rapid EIA Stage	Will be worked out at Rapid EIA Stage	Will be worked out at Rapid EIA Stage	Will be worked out at Rapid EIA Stage
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
<b>Serial Number</b>	<b>Name</b>	<b>C/C Distance</b>	<b>Area m2</b>	
1	Will be worked out at Rapid EIA Stage	Will be worked out at Rapid EIA Stage	Will be worked out at Rapid EIA Stage	
<b>47.Energy</b>				
<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL		
	<b>During Construction Phase: (Demand Load)</b>	Will be worked out at Rapid EIA Stage		
	<b>DG set as Power back-up during construction phase</b>	Will be worked out at Rapid EIA Stage		
	<b>During Operation phase (Connected load):</b>	Will be worked out at Rapid EIA Stage		
	<b>During Operation phase (Demand load):</b>	Will be worked out at Rapid EIA Stage		
	<b>Transformer:</b>	Will be worked out at Rapid EIA Stage		
	<b>DG set as Power back-up during operation phase:</b>	Will be worked out at Rapid EIA Stage		
	<b>Fuel used:</b>	HSD		
	<b>Details of high tension line passing through the plot if any:</b>	EHVT lines of MSETCL to JNPT port go through the site in North-South direction. There will be re-routed through underground ducts along NH48 / Amara Marg to JNPT. Approval of same is obtained from MoEFCC vide letter dt 28.08.2017		
<b>48.Energy saving by non-conventional method:</b>				
<ul style="list-style-type: none"> <li>• Maximize the use of natural lighting through design.</li> <li>• Attempt will be made to run external lighting which would include street lights, common area lighting, landscape etc. on solar energy.</li> <li>• Purchase of energy efficient appliances.</li> <li>• Use of compact fluorescent lamps and low voltage lighting.</li> </ul>				
<b>49.Detail calculations &amp; % of saving:</b>				
<b>Serial Number</b>	<b>Energy Conservation Measures</b>		<b>Saving %</b>	
1	Will be worked out at Rapid EIA Stage		Will be worked out at Rapid EIA Stage	
<b>50.Details of pollution control Systems</b>				
<b>Source</b>	<b>Existing pollution control system</b>		<b>Proposed to be installed</b>	
Not applicable	Not applicable		Not applicable	
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Will be worked out at Rapid EIA Stage		
	<b>O &amp; M cost:</b>	Will be worked out at Rapid EIA Stage		
<b>51.Environmental Management plan Budgetary Allocation</b>				

  
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<b>a) Construction phase (with Break-up):</b>							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Will be worked out at Rapid EIA Stage	NA	Will be worked out at Rapid EIA Stage				
<b>b) Operation Phase (with Break-up):</b>							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Will be worked out at Rapid EIA Stage	Will be worked out at Rapid EIA Stage	Will be worked out at Rapid EIA Stage	Will be worked out at Rapid EIA Stage			
<b>51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)</b>							
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
<b>52.Any Other Information</b>							
No Information Available							
<b>53.Traffic Management</b>							
	Nos. of the junction to the main road & design of confluence:	Details will be worked out at Rapid EIA Stage					

Parking details:	<b>Number and area of basement:</b>	Details will be worked out at Rapid EIA Stage
	<b>Number and area of podia:</b>	Details will be worked out at Rapid EIA Stage
	<b>Total Parking area:</b>	Will be worked out at Rapid EIA Stage
	<b>Area per car:</b>	Will be worked out at Rapid EIA Stage
	<b>Area per car:</b>	Will be worked out at Rapid EIA Stage
	<b>Number of 2-Wheelers as approved by competent authority:</b>	As per requirement
	<b>Number of 4-Wheelers as approved by competent authority:</b>	As per requirement
	<b>Public Transport:</b>	Nearest Railway Station: Panvel railway station at 6 kms. on Central Rly./ Konkan Rly., Khandeshwar- 6 km. suburban Rly. CST-Panvel Fast Track Rail/Metro with dedicated spur to Airport is being planned. New East-West road of 60m width adjacent to the Northern boundary of plot to aid traffic disbursement.
	<b>Width of all Internal roads (m):</b>	Internal roads to facilitate movement within the plot will be provided as a part of the project plan. Details will be worked out at Rapid EIA Stage.
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not Applicable
	<b>Category as per schedule of EIA Notification sheet</b>	8 (b)
	<b>Court cases pending if any</b>	Not Applicable
	<b>Other Relevant Informations</b>	Forest land involved, Survey No. 193 of Owale Village (Total area in this proposal 12.36 Ha) Forest clearance stage I / II obtained. (Annexure II of Form I IA)
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

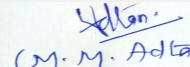
## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	-
<b>Water Budget</b>	-
<b>Waste Water Treatment</b>	-

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

SEAC-AGENDA-000000224


Representative of PP was present during the meeting along with environmental consultant M/s. Aditya Environmental Services Pvt. Ltd. PP informed that the proposed project is for Area Development in Pushpak Node at Navi Mumbai. The project site is to the South of the proposed Navi Mumbai International Airport (NMIA) and falls in the revenue village area of Owale, Bambavi, Ulwe & Kundewahal of Panvel Taluka in Raigad District. PP informed that the total plot area of the project is 4,39,200 Sq. mt (43.92 Ha) having total construction area 20,29,000 Sq. mt.

PP submitted that Percentage wise proposed area is as below-

Use	Percentage w.r.t. total area
Commercial (i/c Entertainment)	41
Commercial (Cargo)	12
Residential	10
Transport	22
Open Space	15
<b>Total</b>	<b>100</b>

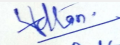
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. Committee deliberated on Compliance to project specific ToR (as per minutes of 76<sup>th</sup> meeting of SEAC-II held on 26th October 2018), Baseline Environment, Corporate Environmental Responsibility (CER) and Environmental Management Plan (EMP). 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 8b (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation, EIA & plans submitted are taken on the

## DECISION OF SEAC

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

**Specific Conditions by SEAC:**

- 15) EHVT lines of MSETCL traverses the site in North-South direction. PP to submit the approval for shifting these lines.
- 16) Green areas are distributed around the entire project area and a large open space is proposed at the southern tip of the plot.
- 17) PP to ensure that amenity wise plot allotted should be demarcated in the layout plan.
- 18) Notarised Affidavit undertaking that hill cutting is as per master plan submitted to MoEF&CC and no illegal hill cutting.
- 19) PP to submit undertaking stating that Hon. Supreme court, Hon. High Court & hon. NGT orders are being scrupulously followed.
- 20) PP to submit approval/enabling provisions to allow proposed construction on 1:5 slope
- 21) PP to ensure no illegal stone quarrying activities to be carried out on site.
- 22) PP to submit schematic section of storm water drainage.
- 23) PP to submit details regarding maximum utilisation of 9313 CMD excess treated water.
- 24) PP to ensure that, BOD should be less than 5
- 25) For treatment of Biodegradable waste, instead of OWC, PP to provide bio-methanation plant and generate electricity.
- 26) As agreed by PP, storm water drainage system should be get examined and vetted by CWPRS or IIT.
- 27) Considering quantum of hill cutting proposed to be utilised for filling at site, PP to submit debris management plan including details of quantum to be utilised at each site.
- 28) PP to submit the integrated measures for curbing noise pollution.
- 29) PP to submit details of restoration of ecology estimating loss of flora and fauna.
- 30) PP to submit details of project specific CER.
- 31) PP to ensure the compliance of conditions given by forest department while issuing forest clearance.

**FINAL RECOMMENDATION**

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

SEAC-AGENDA-000000224

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## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019

**SEAC Meeting number: 91st Meeting Date March 6, 2019**

**Subject:** Environment Clearance for Proposed Expansion of Residential project at KAVESAR, GHODBUNDER ROAD, THANE (W)

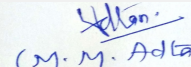
**Is a Violation Case:** No

<b>1.Name of Project</b>	Parkwoods
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s. Aniline Constructions Company Private Limited
<b>4.Name of Consultant</b>	Pollution Ecology & Control Services
<b>5.Type of project</b>	Housing project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	Expansion
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Yes EC no. 21-469/2006 IA.III dated 21st February 2007 from MoEFCC under EIA Notification 2004
<b>8.Location of the project</b>	S.No. 163/5 to 8B/1, 163/5 to 8B/2, 163/9A/1, 163/9A/2, 165/1A, 165/2A, 166/6A, 166/7A, 166/8A, 166/9A, 166/9B, 166/10A/1, 166/10A/2, 166/11A, 166/12A, 166/13A, 166/14A/1, 166/14A/2, 166/15A/1, 166/15A/2, 166/16A, 166/22A/1, 166/22A/2, 166/22A/3, 166/24A/1, 166/24A/2, 166/24A/3, 166/30A/1, 166/30A/2, 167/1, 167/2, 167/3 at Village Kavesar, Thane
<b>9.Taluka</b>	Thane
<b>10.Village</b>	Thane
<b>Correspondence Name:</b>	Ashish Girdharilal Vaid
<b>Room Number:</b>	-
<b>Floor:</b>	-
<b>Building Name:</b>	DB House
<b>Road/Street Name:</b>	Gen. A.K. Vaidya Marg
<b>Locality:</b>	Goregaon (East)
<b>City:</b>	Mumbai - 400063
<b>11.Area of the project</b>	Thane Municipal Corporation
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	IOD copy
	<b>IOD/IOA/Concession/Plan Approval Number:</b> V. P. No. S06/0207/17 (old V.P.No. 89/129) TMC/TDD/2405/17
	<b>Approved Built-up Area:</b> 83387.64
<b>13.Note on the initiated work (If applicable)</b>	Partial excavation started, Debris generated: 2000 m <sup>3</sup>
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	V. P. No. S06/0207/17 (old V.P.No. 89/129) TMC/TDD/2405/17
<b>15.Total Plot Area (sq. m.)</b>	45700
<b>16.Deductions</b>	9559.63
<b>17.Net Plot area</b>	36040.42
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 86820.01
	<b>b) Non FSI area (sq. m.):</b> 113715.44
	<b>c) Total BUA area (sq. m.):</b> 200535.45
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 62452.26
	<b>Approved Non FSI area (sq. m.):</b> -
	<b>Date of Approval:</b> 20-11-2017
<b>19.Total ground coverage (m<sup>2</sup>)</b>	18584
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	50.85
<b>21.Estimated cost of the project</b>	2648412426

  
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## 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Parkwoods D5	4 basements + ground + 1 podium + 47 floors	150.7
2	Parkwoods D6	4 basements + ground + 1 podium + 47 floors	150.7
3	Parkwoods A1	LB + UB+30 storeys	96.80
4	Parkwoods B2	LB + UB+30 storeys	96.80
5	Parkwoods B3	LB + UB+30 storeys	96.80
6	Parkwoods C4	LB + UB+30 storeys	96.80
7	Commercial Building	basement + ground + 1 storey	13.60

<b>23.Number of tenants and shops</b>	Total no. of Flats : 1395 nos.
<b>24.Number of expected residents / users</b>	7118
<b>25.Tenant density per hectare</b>	305
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	60 m Ghodbunder road and 30 m DP road
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	Minimum 18 m
<b>29.Existing structure (s) if any</b>	NO
<b>30.Details of the demolition with disposal (If applicable)</b>	The existing structures on site has been demolished and the Demolition waste has been disposed of as per the "Construction Demolition Waste (Management & Disposal) 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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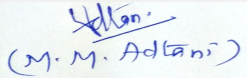


Dry season:	Source of water	TMC							
	Fresh water (CMD):	630							
	Recycled water - Flushing (CMD):	318							
	Recycled water - Gardening (CMD):	62							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	1010							
	Fire fighting - Underground water tank(CMD):	1st Basement- D5 tower: Fire tank 1- 100 m3, Fire tank 2 - 100 m3, D6 Tower: Fire tank 1- 100 m3, Fire tank 2 - 100 m3							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	465							
Wet season:	Source of water	TMC							
	Fresh water (CMD):	630							
	Recycled water - Flushing (CMD):	318							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	948							
	Fire fighting - Underground water tank(CMD):	1st Basement- D5 tower: Fire tank 1- 100 m3, Fire tank 2 - 100 m3, D6 Tower: Fire tank 1- 100 m3, Fire tank 2 - 100 m3							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	527							
Details of Swimming pool (If any)	Location Podium 1, area of swimming pool: 16110 m2, depth : 12m , Kids Pool: 2200 m2								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	630	630	0	95	95	0	535.3	535.3

  
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<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5-6m
	<b>Size and no of RWH tank(s) and Quantity:</b>	No. of RWH tanks: 02 Sizes: 20 m <sup>3</sup> , 20 m <sup>3</sup>
	<b>Location of the RWH tank(s):</b>	1st Basement
	<b>Quantity of recharge pits:</b>	Not Applicable
	<b>Size of recharge pits :</b>	Not Applicable
	<b>Budgetary allocation (Capital cost) :</b>	10 lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	1 lakh
	<b>Details of UGT tanks if any :</b>	1st Basement : D5 tower: Fire tank 1- 100 m <sup>3</sup> , Fire tank 2 - 100 m <sup>3</sup> , RWH tank 1: 20 m <sup>3</sup> , Domestic tank 1: 55 m <sup>3</sup> , Domestic tank 2 : 55 m <sup>3</sup> D6 Tower: Fire tank 1- 100 m <sup>3</sup> , Fire tank 2 - 100 m <sup>3</sup> , , RWH tank 2: 20 m <sup>3</sup> , Domestic tank 1: 55 m <sup>3</sup> , Domestic tank 2 : 55 m <sup>3</sup>

<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The storm water collected through storm water drains of adequate capacity will be discharged into municipal SWD
	<b>Quantity of storm water:</b>	912 m <sup>3</sup> /hr
	<b>Size of SWD:</b>	300 mm x 1000 mm with Slope 1:300

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	853
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	Total Capacity 925 m <sup>3</sup> /day [4 residential buildings: 425 m <sup>3</sup> /day, D5& D6: 2x 250 m <sup>3</sup> /day]
	<b>Location &amp; area of the STP:</b>	for 4 residential buildings: lower and upper stilt (310 m <sup>2</sup> ) Proposed D5 & D6: Basement 1 & 2 [double height] and opening at the Ground (212 m <sup>2</sup> )
	<b>Budgetary allocation (Capital cost):</b>	48 lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	12 lakhs

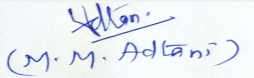
### 36. Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	90 kg/day
	<b>Disposal of the construction waste debris:</b>	scrap material will be disposed to Authorized Vendor
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1259.57 kg/day
	<b>Wet waste:</b>	2306.08 kg/day
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	8.53 CMD
	<b>Others if any:</b>	Not applicable

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Dry garbage will be segregated and disposed off to recyclers
	<b>Wet waste:</b>	Wet garbage will be composted using Organic Waste converter and InVessel Composter and used as Organic manure for landscaping
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	Used as manure
	<b>Others if any:</b>	Not applicable
<b>Area requirement:</b>	<b>Location(s):</b>	for 4 residential towers: Ground Floor, for Proposed D5 & D6: Basement 2[double height]
	<b>Area for the storage of waste &amp; other material:</b>	for 4 residential towers: Ground Floor (60 m2), for Proposed D5 & D6: Basement 1 & 2 [double height] (50 m2)
	<b>Area for machinery:</b>	for 4 residential towers: Ground Floor (60 m2), for Proposed D5 & D6: Basement 1 & 2[double height] (50 m2)
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	36 lakhs
	<b>O &amp; M cost:</b>	2.5 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

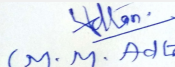
### 40. Details of Fuel to be used

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


  
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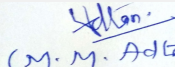
  
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41.Source of Fuel	Not applicable			
42.Mode of Transportation of fuel to site	Not applicable			
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	Total RG area: 11160.24 m2 (Ground: 2871.60 m2, Podium: 8288.04 m2)		
	<b>No of trees to be cut :</b>	0		
	<b>Number of trees to be planted :</b>	109		
	<b>List of proposed native trees :</b>	05		
	<b>Timeline for completion of plantation :</b>	Not applicable		
<b>44.Number and list of trees species to be planted in the ground</b>				
<b>Serial Number</b>	<b>Name of the plant</b>	<b>Common Name</b>	<b>Quantity</b>	<b>Characteristics &amp; ecological importance</b>
1	Michelia champaca	Champa	21	-
2	Atstonia Scholaris	Satwin	22	-
3	Peltophorum Ferrugineum	Copper pod tree	21	-
4	Bauhinea Purpurea	Kanchan	23	-
5	Mimusopes elengi	Bakul	22	-
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
<b>Serial Number</b>	<b>Name</b>	<b>C/C Distance</b>	<b>Area m2</b>	
1	Natal lily	-	-	
2	Big lily	-	-	
3	Sonn Takka	-	-	
4	Fire bush	-	-	
5	Adulasa	-	-	
6	Nirgudi	-	-	
7	Spider Plant	-	-	
8	Lantana	-	-	
9	Mogra	-	-	
10	Chitrak	-	-	
11	Kunti	-	-	
12	Broadleaf lady palm	-	-	
13	Wild Jasmine	-	-	
14	Shoe flower	-	-	
<b>47.Energy</b>				

  
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<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEDCL
	<b>During Construction Phase: (Demand Load)</b>	1000 KVA
	<b>DG set as Power back-up during construction phase</b>	1 x 630 KVA
	<b>During Operation phase (Connected load):</b>	13834 KVA
	<b>During Operation phase (Demand load):</b>	4624 KVA
	<b>Transformer:</b>	NA
	<b>DG set as Power back-up during operation phase:</b>	1 x 630 KVA
	<b>Fuel used:</b>	Low sulphur high speed diesel
	<b>Details of high tension line passing through the plot if any:</b>	NA

#### 48. Energy saving by non-conventional method:

Solar energy will be used for lightening and hot water for residential building

#### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	% energy saving w.r.t. energy consumed	18.6%
2	% of renewable w.r.t. energy saving	4.36 %

#### 50. Details of pollution control Systems


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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	60 lakhs
	<b>O &amp; M cost:</b>	5 lakhs

### 51. Environmental Management plan Budgetary Allocation

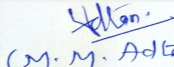
#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Barricading and dust suppression	Air pollution and Erosion control	6
2	Environmental Monitoring	Air, Water, Soil and Noise Monitoring	1.5
3	PPE for workers (gloves, spectacles, boots etc.)	site safety and health safety	5
4	bio-toilets and basins	site sanitation	3
5	Health Checkups	Health safety	3

  
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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	STP (MBBR)	Waste water treatment	48	12
2	MSW	IVC & OWC	36	2.5
3	RWH	Rain water harvesting	10	1
4	Landscape	RG area	9	0.7
5	DMP	safety measures	185.19	37
6	Solar Energy System	Renewable energy uses	60	5
7	Basement Air Cleaning System	-	77.5	6.24

### 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

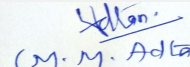
### 53.Traffic Management

	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	12 mts wide road connected to 30 mts wide DP Road & 60 Mts wide Ghodbunder Road
<b>Parking details:</b>	<b>Number and area of basement:</b>	Number of Basements : 4, Area of Basement 1: 4686.78 m <sup>2</sup> , Basement 2: 4,686.40 m <sup>2</sup> , Basement 3: 4,714.66 m <sup>2</sup> , Basement 4: 4848.42m <sup>2</sup>
	<b>Number and area of podia:</b>	Number of Podium: 1 and area of podium top 1478.62 m <sup>2</sup>
	<b>Total Parking area:</b>	22611.74 m <sup>2</sup>
	<b>Area per car:</b>	Open : 25 m <sup>2</sup> , Basement : 35 m <sup>2</sup> , podium: 30 m <sup>2</sup>
	<b>Area per car:</b>	Open : 25 m <sup>2</sup> , Basement : 35 m <sup>2</sup> , podium: 30 m <sup>2</sup>
	<b>Number of 2-Wheelers as approved by competent authority:</b>	788
	<b>Number of 4-Wheelers as approved by competent authority:</b>	1534
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6 mt for 4 wheelers, 9 mt for CFO, 13 mt for HMV and LCV

  
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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)- B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	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-0000000224

Representative of PP Mr. Bhavesh, Architect Mr. Prabhu were present during the meeting along with Environmental Consultant M/S Pollution & Ecology Control Services.

PP submitted their application for prior Environment Clearance for total plot area of 45700sq.mt, total Built up area of 2,00,535.45 sq.mt (FSI- 86820.01 sq.mt + NonFSI113715.44.mt). Building configuration is as bellow-

Building Name & number	Number of floors	Height (Mtrs)
Parkwoods D5	4 basements + ground + 1 podium + 47 floors	150.7
Parkwoods D6	4 basements + ground + 1 podium + 47 floors	150.7
Parkwoods A1	LB + UB+30 storeys	96.80
Parkwoods B2	LB + UB+30 storeys	96.80
Parkwoods B3	LB + UB+30 storeys	96.80
Parkwoods	C4 LB + UB+30 storeys	96.80
Commercial Building	basement + ground + 1 storey	13.60

The project was previously considered in 81<sup>st</sup> and 88<sup>th</sup> meeting of SEAC II meeting held on 10/12/2018 & 11/02/2019. In the said meetings, PP informed that, the said project obtained Environment Clearance vide dated 21<sup>st</sup> February, 2007 from MoEF&CC under EIA Notification 2004 for 5 Residential Towers and 1 Commercial Building. PP further informed that, 4 Residential Towers and 1 Commercial Building has already been constructed on the site and the OC for the same has been obtained. All these 4 towers have been handed over to the buyers and are occupied.

PP stated that, there is an amendment in the said EC due to expansion. There is a change in the footprint and no. of floors in the 5<sup>th</sup> Residential Tower (D5) and further One (1) additional Residential Tower (D6) has been proposed in the same project due to the increase in the FSI & TDR. PP further stated that, the plan for the same approved by Thane Municipal Corporation and also obtained CFO NOC for the said amended layout

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

PP complied with all observations made during meeting and compliance uploaded accordingly. PP also agreed to upload NOC from HRC			
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## DECISION OF SEAC

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

Specific Conditions by SEAC:

### FINAL RECOMMENDATION

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

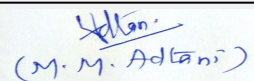
SEAC-AGENDA-0000000224



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

## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019

**SEAC Meeting number: 91st Meeting Date March 6, 2019**

**Subject:** Environment Clearance for PROPOSED RESIDENTIAL CUM COMMERCIAL REDEVELOPMENT OF SHREE RAM NAGAR SRA CHS LTD. AT VIKROLI MUMBAI

**Is a Violation Case:** No

1.Name of Project	REDEVELOPMENT OF SHREE RAM NAGAR SRA CHS LTD.
2.Type of institution	Private
3.Name of Project Proponent	M/s. Heer Mehta Landmark Developers Pvt. Ltd
4.Name of Consultant	Saurabh Jaiswar
5.Type of project	SRA Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing CTS no 23 (pt), 20(pt),& 4A/1A (pt), of village Hariyali 'S' ward, Ahilyadevi Holkar Marg, Cross L.B.S. Road, Vikhroli (W) Mumbai
9.Taluka	Vikhroli
10.Village	Hariyali
Correspondence Name:	Poonam B Rai
Room Number:	B-611
Floor:	-
Building Name:	Neelyog Square
Road/Street Name:	R.B.Mehta Road
Locality:	Patel chowk, Adjoining railway station Ghatkopar East
City:	Mumbai-400077
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	LOI Copy
	<b>IOD/IOA/Concession/Plan Approval Number:</b> LOI No. SRA/ENG/2892/S/PL/AP dated 8th August 2017
	<b>Approved Built-up Area:</b> 28315.24
13.Note on the initiated work (If applicable)	Partial excavation started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI No. SRA/ENG/2892/S/PL/AP dated 8th August 2017
15.Total Plot Area (sq. m.)	9563.49
16.Deductions	636.46
17.Net Plot area	8927.03
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 37131.34
	b) Non FSI area (sq. m.): 48472.19
	c) Total BUA area (sq. m.): 85603.53
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 28315.24
	Approved Non FSI area (sq. m.): 34597.45
	Date of Approval: 08-08-2017
19.Total ground coverage (m2)	5066.66
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	56
21.Estimated cost of the project	1620000000

## 22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Sale Building	(Wings A, B, C, D & E) Basement + Ground + 1st to 2nd Podium + 22 residential floors	69.25	
2	Rehab Building	(Wings A, B, C & D) Ground + 15th Part Residential floors	47.85	
3	Commercial Building	Ground + 15 Floors	62.85	
<b>23.Number of tenants and shops</b>	Flats - 844, Shops - 128, Society Office -4, Welfare center -5, Balwadi - 5			
<b>24.Number of expected residents / users</b>	Residents -3980, Users -520			
<b>25.Tenant density per hectare</b>	888 per Hector			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	15.25m wide Ahilyabai Holkar Marg			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	minimum 9m			
<b>29.Existing structure (s) if any</b>	NO			
<b>30.Details of the demolition with disposal (If applicable)</b>	The existing structures on site has been demolished and the Demolition waste has been disposed of as per the Construction and Demolition Waste Management Rules ,2016			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

Dry season:	Source of water	MCGM
	Fresh water (CMD):	325
	Recycled water - Flushing (CMD):	183
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	4.91
	Total Water Requirement (CMD) :	520
	Fire fighting - Underground water tank(CMD):	Fire water tank 1(Rehab)- 200 m3, Fire water tank 2 (Sale) - 200 m3
	Fire fighting - Overhead water tank(CMD):	Fire water tank (Commercial) - 10 m3, Fire water tank (Sale Wing A & B) - 30 m3, Fire water tank (Sale Wing C & D) - 30 m3, Fire water tank (Sale Wing E) - 30 m3
	Excess treated water	246
Wet season:	Source of water	MCGM
	Fresh water (CMD):	325
	Recycled water - Flushing (CMD):	183
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	4.91
	Total Water Requirement (CMD) :	510
	Fire fighting - Underground water tank(CMD):	Fire water tank 1(Rehab)- 200 m3, Fire water tank 2 (Sale) - 200 m3
	Fire fighting - Overhead water tank(CMD):	Fire water tank (Commercial) - 10 m3, Fire water tank (Sale Wing A & B) - 30 m3, Fire water tank (Sale Wing C & D) - 30 m3, Fire water tank (Sale Wing E) - 30 m3
	Excess treated water	256

**Details of Swimming pool (If any)** Area : 75.5 m2, Depth : 1.3

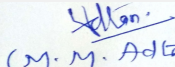
### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	325	325	0	65	65	260	260	260


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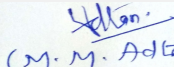
  
 (M. M. Adtani)  
**Shri M.M.Adtani (Chairman SEAC-II)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5-6m
	<b>Size and no of RWH tank(s) and Quantity:</b>	105 m3 and 60 m3 for Rehab and Sale building respectively
	<b>Location of the RWH tank(s):</b>	Ground floor for Sale and Rehab Building
	<b>Quantity of recharge pits:</b>	Not Applicable
	<b>Size of recharge pits :</b>	Not Applicable
	<b>Budgetary allocation (Capital cost) :</b>	10 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.8 Lakhs
	<b>Details of UGT tanks if any :</b>	Fire Tank at Basement with 200 m3 capacity, Domestic Water Tank 178 m3 and Flushing tank of 90 m3 for Sale Building
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The storm water collected through storm water drains of adequate capacity will be discharged into Municipal SWD
	<b>Quantity of storm water:</b>	0.22 m3/s from Sale building and 0.22 m3/s from Rehab building
	<b>Size of SWD:</b>	600 mm width x 450 mm depth, slope 700
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	443 KLD
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	STP for (Rehab) - 210 KLD and STP for (Sale) - 240 KLD
	<b>Location &amp; area of the STP:</b>	STP (Rehab) - Ground floor Area: 137 m2, STP (Sale) - Basement Area : 179 m2
	<b>Budgetary allocation (Capital cost):</b>	Total 124 Lakhs including civil cost
	<b>Budgetary allocation (O &amp; M cost):</b>	12 Lakhs
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	90 kg/day
	<b>Disposal of the construction waste debris:</b>	scrap material will be disposed to Authorized Vendor
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	642.59 kg/day
	<b>Wet waste:</b>	1159.07 kg/day
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	4.4 CMD
	<b>Others if any:</b>	Not Applicable

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Dry garbage will be segregated and disposed off to recyclers
	<b>Wet waste:</b>	Wet garbage will be composted using Organic Waste converter and In Vessel Composter and used as Organic manure for landscaping
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Used as manure
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	Composter area: 50m2 and Garbage collection area: 20 m2
	<b>Area for machinery:</b>	Composter area: 50m2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	25 Lakhs
	<b>O &amp; M cost:</b>	2 Lakhs

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details


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

### 39. Stacks emission Details

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

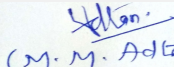
### 40. Details of Fuel to be used

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

  
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	Ground: 248.22 sqmt and Podium: 1219.49 sqmt
	<b>No of trees to be cut :</b>	00
	<b>Number of trees to be planted :</b>	120
	<b>List of proposed native trees :</b>	Wad, Jangali Umbar, Pimpal, Chickoo, Champa, Weeping Fig, Golden Shower, Flame tree, Pink Shower, Sita ashoka
	<b>Timeline for completion of plantation :</b>	Not Applicable


#### 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	Banyan has many uses in traditional medicine, for example, the milky sap is applied externally for treating pains and bruises, and is a remedy for toothache. Despite this, scientists are only now beginning to investigate the plant, for example leucocyanids, which may have potential for treating diabetes, have been isolated from the tree
2	Ficus racemosa	Jungali Umbar	1	The bark of the tree is said to have healing power.
3	Ficus Religiosa	Pimpal	2	Pipal is a large, deciduous, fast growing, glabrous tree. Piple is highly esteemed medicinal tree.
4	Samanea Saman	Rain Tree	1	Rain Tree is easily recognised by umbrella shaped canopy.
5	Manikara zapota	Chickoo	5	Fruit bearing tree
6	Michelia champaca	Champa	9	Evergreen & bird attracting tree
7	Mimusopes elengi	Bakul	9	Evergreen tree, timber yielding medicinal plants
8	Ficus benjamica	Weeping fig	17	Evergreen & bird attracting tree
9	Cassica fistula	Golden Shower	12	Drought tolerant & medicinal plant
10	Butea monosperma	Flame Tree	16	Used in pesticide & dye preparation
11	Cassica grandis	Pink Shower	8	Drought tolerant & medicinal plant
12	Saraca indica	Sita ashoka	7	Evergreen medicinal plant
13	Roystonea regia	Royal palm	9	Nitrogen fixer, ornamental plant
14	Syzygium cumini	Jhambul	8	Fruit free & bird attracting tree
15	Neolamarkia cadamba	Kadamba tree	10	Tropical fruit tree & bird attracting tree
16	Mangifera india	Mango tree	8	Evergreen & bird attracting tree

#### 45.Total quantity of plants on ground

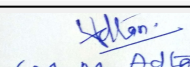
#### 46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
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1	Adhatodavastica	NA	NA
2	Vitexnegundo	NA	NA
3	Chlorophytumcomosum	NA	NA
4	Hedychiumcoronarium	NA	NA
5	Lantana camara	NA	NA
6	Arabian jasmine	NA	NA
7	Murrayapaniculata	NA	NA
8	RhapisExcelsa	NA	NA
9	Lycorisradiata	NA	NA
10	Jasminumfruticans	NA	NA
11	Hibiscus rosa-sinensis	NA	NA

### 47. Energy


<b>Power requirement:</b>	<b>Source of power supply :</b>	Tata Power
	<b>During Construction Phase: (Demand Load)</b>	100 kW
	<b>DG set as Power back-up during construction phase</b>	Rehab and Commercial: 1 no. x 125 KVA, Sale building: 1 x 200 KVA
	<b>During Operation phase (Connected load):</b>	6117 kW for Rehab and 7560 kW for Sale and 310 kW for Commercial
	<b>During Operation phase (Demand load):</b>	1841 kW for Rehab and 3134 kW for Sale
	<b>Transformer:</b>	Rehab and Commercial: 2 nos. x 1000 KVA Sale building: 2 nos. x 1250 KVA
	<b>DG set as Power back-up during operation phase:</b>	Rehab and Commercial: 1 no. x 125 KVA, Sale building: 1 x 200 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	Not Applicable

### 48. Energy saving by non-conventional method:

Energy savings using Solar Cells:  
For Rehab Building: 3.11%  
For Sale Building: 2.87%

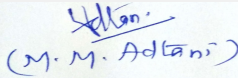
### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy savings through conventional energy saving for Rehab	14%
2	Total Energy savings through conventional energy saving for Sale	14%
3	Use of T-5 Fittings (28 w) and Electronic ballasts instead of Fluorescent Light fittings ( 40w) and copper ballasts.	25%

  
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4	Use of BEE Certified Motors	15%
5	User to be recommended to use BEE FIVE star certified appliance and Air Conditioners.	10%
6	Use of EFF-1 motors for fans & pumps for STP	10%
7	Use of EFF-1 motors for fans & pumps for Stack Parking	10%

### 50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not Applicable	Not Applicable	Not Applicable
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	62 Lakhs
	<b>O &amp; M cost:</b>	2 Lakhs


### 51.Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust Suppression measures & barricading	Erosion Control	4
2	Supply of Personal Protective Equipments such as helmets, masks	Site Safety	3
3	Facility of Bio-toilets, basins	Site Sanitation	2
4	Health checkup on regular intervals	Disinfection & health checkup	3
5	Air, Water, Soil, Noise Monitoring	Environmental Monitoring	2
6	Disaster Management Plan	Disaster Management Plan for Construction Phase	18

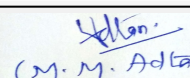
#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Waste Water Treatment	124	12
2	SWM	Organic Waste Converter & In-Vessel Composter as curing of Solid Waste	25	2
3	RWH	Water Harvesting	10	0.8
4	Landscaping	Maintenance of garden area	9	0.5
5	DMP	Disaster Management Plan for Natural & Manmade disaster	115	12
6	Basement Filtration Unit	Filtration of air	35	3.5

  
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7	Solar Energy system	Use of Solar Energy for Energy savings	62	2
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### 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)


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

### 52.Any Other Information

No Information Available

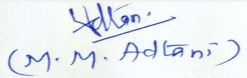
### 53.Traffic Management

	<b>Nos. of the junction to the main road &amp; design of confluence:</b>	Entry Exit at Ahilyadevi Holkar Road
<b>Parking details:</b>	<b>Number and area of basement:</b>	One Basement: 2789.70 sqmt
	<b>Number and area of podia:</b>	2 Podiums: 4011.33 sqmt
	<b>Total Parking area:</b>	6166 sq mt
	<b>Area per car:</b>	28 sq mt
	<b>Area per car:</b>	28 sq mt
	<b>Number of 2-Wheelers as approved by competent authority:</b>	56
	<b>Number of 4-Wheelers as approved by competent authority:</b>	225
	<b>Public Transport:</b>	Surya Nagar Bus Stop
	<b>Width of all Internal roads (m):</b>	6 m for 4-wheelers, 9 m for CFO, 13 m for HMV & LCV
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not Applicable
	<b>Category as per schedule of EIA Notification sheet</b>	Category 8 (a) B2
	<b>Court cases pending if any</b>	Not Applicable

  
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	<b>Other Relevant Informations</b>	The project includes Rehab, Sale and Commercial building. Among which Rehab building's Foundation work has been started.
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

### Brief information of the project by SEAC

Representative of PP was present during the meeting along with Environmental Consultant M/S Pollution & Ecology Control Services.

Committee noted that, PP submitted their application for prior Environment Clearance for total plot area of 9,563.49 sq.m, total Built up area of 85,603.53sq.mt (FSI- 37,131.34sq.mt + NonFSI48,472.19sq.mt) comprising building configuration as below -

Building Name & number	Number of floors	Height (Mtrs)
Sale Building	(Wings A, B, C, D & E) Basement + Ground + 1st to 2nd Podium + 22 residential floors	69.25
Rehab Building	(Wings A, B, C & D) Ground + 15th Part Residential floors	47.85
Commercial Building	Ground + 15 Floors	62.85

PP further informed that, they have already constructed 18,450Sq.mt of rehab component. It is further noted that the project earlier considered in 81<sup>st</sup> meeting held on 10/12/2018. Point wise compliance submitted by PP 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, form 1, 1A, presentation &

## DECISION OF SEAC

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

**Specific Conditions by SEAC:**

- 7) PP to obtain NOC for water supply
- 8) PP to abide by conditions stipulated in storm water drain remarks obtained vide letter dated 06/09/2014
- 9) PP to explore possibility to increase comfort zone in lower levels of building by increasing the wind speed from 0.16 to say 1 m/s
- 10) PP to upload correct Swept Path Analysis diagram clearly marking the curvatures at entrance and exit.

**FINAL RECOMMENDATION**

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

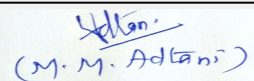
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## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019


**SEAC Meeting number: 91st Meeting Date March 6, 2019**

**Subject:** Environment Clearance for Proposed S.R. Scheme On M.C.G.M. Plot bearing F.P. No. 396, TPS III, Borivali at Malhar Rao Kulkarni Road, Borivali (West) Mumbai Suburban District By Dev Engineers

**Is a Violation Case:** No

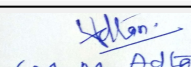
1.Name of Project	Proposed S.R. Scheme
2.Type of institution	Private
3.Name of Project Proponent	Mr. Bhavesh Purohit, Dev Engineers
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Residential, S. R. Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing F.P. No. 396, TPS III, Borivali at Malhar Rao Kulkarni Road (19th Road), Borivali (West)
9.Taluka	Borivali
10.Village	Borivali
Correspondence Name:	Dev Engineers
Room Number:	307
Floor:	3rd Floor
Building Name:	Jalaram Business Center
Road/Street Name:	Ganjawala Lane, Nr. Chamunda Circle, Borivali (West), Mumbai - 400 092
Locality:	Borivali (West),
City:	Mumbai
11.Area of the project	MCGM
12.IOD/IOA/Concession/Plan Approval Number	SRA/ENG/RC/MCGM/0022/20171101/AP/R-1 dated 13.04.2018
	<b>IOD/IOA/Concession/Plan Approval Number:</b> SRA/ENG/RC/MCGM/0022/20171101/AP/R-1 dated 13.04.2018
	<b>Approved Built-up Area:</b> 21107.84
13.Note on the initiated work (If applicable)	Foundation work started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	R-C/MCGM/0022/20171101/LOI Dated 10.04.2018
15.Total Plot Area (sq. m.)	2869.70 m2
16.Deductions	NIL
17.Net Plot area	2869.70 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 11476.19 m2
	b) Non FSI area (sq. m.): 9631.65 m2
	c) Total BUA area (sq. m.): 21107.84
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 11,476.19 m2
	Approved Non FSI area (sq. m.): 9,631.65 m2
	Date of Approval: 13-04-2018
19.Total ground coverage (m2)	1090.00 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	37.98 %
21.Estimated cost of the project	465000000

## 22.Number of buildings & its configuration

  
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Building No. 1	Gr/St + 1st + 2nd to 21st flr.	65.10 Mt.
23.Number of tenants and shops	Rehab flats. : 348 Nos. Welfare Center: 04 Nos. Balwadi: 04 Nos. , SOC. OFFICE : 03 Nos, Shops: 29 Nos., etc.		
24.Number of expected residents / users	1871 No		
25.Tenant density per hectare	1213 tenements / hectare		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.30 m Wide Malhar Rao Kulkarni Road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9 m		
29.Existing structure (s) if any	Nil, Open Plot		
30.Details of the demolition with disposal (If applicable)	-		

### 31.Production Details

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

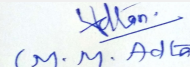
### 32.Total Water Requirement

Dry season:	Source of water	MCGM
	Fresh water (CMD):	160 m3/day
	Recycled water - Flushing (CMD):	81 m3/day
	Recycled water - Gardening (CMD):	1.3 m3/day
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	241 m3/day
	Fire fighting - Underground water tank(CMD):	As per NBC
	Fire fighting - Overhead water tank(CMD):	As per NBC
	Excess treated water	141 m3/day

  
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Wet season:	Source of water	MCGM
	Fresh water (CMD):	160 m3/day
	Recycled water - Flushing (CMD):	81 m3/day
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	241 m3/day
	Fire fighting - Underground water tank(CMD):	As per NBC
	Fire fighting - Overhead water tank(CMD):	As per NBC
	Excess treated water	142.3 m3/day

Details of Swimming pool (If any) NA

**33.Details of Total water consumed**

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4 to 5 m
	Size and no of RWH tank(s) and Quantity:	1 No, RWH Tank Capacity: 50 m3
	Location of the RWH tank(s):	Below Ground
	Quantity of recharge pits:	Nil
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 12 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1 Lakh/year
	Details of UGT tanks if any :	As per NBC

35.Storm water drainage	Natural water drainage pattern:	The natural slope of the area is towards west side
	Quantity of storm water:	0.091 m3/ sec
	Size of SWD:	350 mm wide SWD

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	225 m <sup>3</sup> /day
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	1 STP of 240 KLD capacity
	<b>Location &amp; area of the STP:</b>	Ground, 160 m <sup>2</sup>
	<b>Budgetary allocation (Capital cost):</b>	Rs. 48 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 12 Lakhs/year

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Construction Debris: 613 m <sup>3</sup>
	<b>Disposal of the construction waste debris:</b>	The Construction debris will be disposed as per Construction and Demolition Waste Management rule 2016 Materials such as steel, aluminum scrap, glass scrap will be given to authorized recyclers for recycling.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	358 kg/day
	<b>Wet waste:</b>	538 kg/day
	<b>Hazardous waste:</b>	Household E waste
	<b>Biomedical waste (If applicable):</b>	--
	<b>STP Sludge (Dry sludge):</b>	60 kg/day
	<b>Others if any:</b>	--
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Dry garbage will be segregated & disposed off to recyclers
	<b>Wet waste:</b>	Wet waste will be composted using Organic Waste convertor and used as organic manure for landscaping.
	<b>Hazardous waste:</b>	-
	<b>Biomedical waste (If applicable):</b>	-
	<b>STP Sludge (Dry sludge):</b>	STP Sludge will be used as manure
	<b>Others if any:</b>	The E waste will be handed over to MPCB authorized vendor
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	30 m <sup>2</sup>
	<b>Area for machinery:</b>	20 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 14 Lakhs
	<b>O &amp; M cost:</b>	Rs. 8 lakhs/annum

### 37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			

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Capacity of the ETP:	Not applicable
Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

### 38.Hazardous Waste Details

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

### 39.Stacks emission Details

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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	250.57 m <sup>2</sup>
	<b>No of trees to be cut :</b>	4 Nos.
	<b>Number of trees to be planted :</b>	40 Nos.
	<b>List of proposed native trees :</b>	Given below
	<b>Timeline for completion of plantation :</b>	After completion of construction activity

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	BAUHINIA PURPUREA	Apta	6	Small tree with small white flowers, butterfly host plant
2	PONGAMIA PINNATA	Karanj	5	Ornamental Plant, Medicinal Plant
3	BAUHINIA	Kanchan	7	Flowering Plant, Medicinal Plant
4	AZADIRACHTA INDICA	Kadunimba	6	Medicinal Plant
5	PLUMERIA ALBA	Chafa	7	Flowering Plant, Medicinal Plant
6	MANGIFERA INDICA	Aamba	4	Fruit Plant, Medicinal Plant

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7	ALSTONIA SCHOLARIS	Saptaparni	5	Medicinal Plant
8	TOTAL	-	40	-

**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**

<b>Power requirement:</b>	<b>Source of power supply :</b>	Reliance
	<b>During Construction Phase: (Demand Load)</b>	150 KW
	<b>DG set as Power back-up during construction phase</b>	1 DG Set of 100 KVA
	<b>During Operation phase (Connected load):</b>	1.48 MW
	<b>During Operation phase (Demand load):</b>	1.0 MW
	<b>Transformer:</b>	-
	<b>DG set as Power back-up during operation phase:</b>	1 x 375 KVA
	<b>Fuel used:</b>	Diesel
	<b>Details of high tension line passing through the plot if any:</b>	No

**48.Energy saving by non-conventional method:**

- Solar Street lighting in landscape area
- Solar PV Panels


**49.Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
1	• Natural shading through elevation features to minimise heat gain • LED Lights for Common and Habitable area • Energy efficient lifts and pumps • Solar Street lighting in landscape area • Solar PV Panels	17.1%

**50.Details of pollution control Systems**

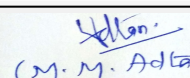
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 10 Lakh
	<b>O &amp; M cost:</b>	Rs.1 Lakh/year

  
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## 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	-	3
2	Site sanitation Facility and its maintenance	-	3
3	Potable Water Supply to Labour	-	3
4	Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	-	6
5	Health check-up & first aid	-	2
6	Solid waste management	-	4
7	Safety nets	-	5
8	Disinfection	-	2.5
9	Environmental Monitoring	-	2
10	TOTAL	-	30.5

### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	-	48	12
2	Solar System	-	10	1
3	Rain Water Harvesting	-	12	1
4	Mechanical composting	-	14	6
5	Tree Plantation (Landscape Cost)	-	4	1.5
6	Environment Monitoring	-	-	2.0
7	TOTAL	-	88	23.5

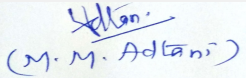
## 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

  
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## 52.Any Other Information

No Information Available

## 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
<b>Parking details:</b>	Number and area of basement:	Nil
	Number and area of podia:	Nil
	Total Parking area:	978.20 m2
	Area per car:	13.97 m2
	Area per car:	13.97 m2
	Number of 2-Wheelers as approved by competent authority:	20 Nos.
	Number of 4-Wheelers as approved by competent authority:	70 Nos.
	Public Transport:	Auto Rickshaws, Taxis available within 500 mt Bus stop available within 1.0 km
	Width of all Internal roads (m):	Minimum 6.00 mt wide drive-ways
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Project is located outside the SGNP boundary (2.4 km)
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Nil
	Other Relevant Informations	Nil
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

## Brief information of the project by SEAC

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MCGM Assist Commissioner, Mr Masurekar, PP Mr. Bhavesh Purohit, Dev Engineers were present during the meeting along with environmental consultant Environmental Consultant- M/s. Mahabal Enviro Engineers Pvt. Ltd.

PP stated that, Dev Engineers is Proposing S.R. Scheme for Rehabilitation of PAP's affected by vital public purpose projects on MCGM Plot bearing F.P. No. 396, TPS III, Borivali at Malhar Rao Kulkarni Road, Borivali (West) Mumbai. MCGM being the project implementation authority, as Principal Developer, have selected Dev Engineers as sub developer for implementation of the said Work. The project will have one residential building with Shops. PP further stated that, as on today they have constructed 2068.40 m<sup>2</sup> rehab area. Total plot area is 2,869.7 m<sup>2</sup>, FSI Area is 11,476.19 m<sup>2</sup> and Total Construction area is 21,107.84 m<sup>2</sup> with the building configuration is as bellow-

Building Name & number	Number of floors	Height (Mtrs)
Rehab Building No. 1	Gr/St + 1st + 2nd to 21st flr.	65.10 Mt

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

### DECISION OF SEAC

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

#### Specific Conditions by SEAC:

- 1) PP to provide clear drive way in central open space for fire tender movement
- 2) PP to upload CFO NOC and abide by conditions mentioned in CFO NOC dated 18/06/2018.
- 3) PP to provide minimum 8% RG on ground.

### FINAL RECOMMENDATION

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

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## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019


**SEAC Meeting number: 91st Meeting Date March 6, 2019**

**Subject:** Environment Clearance for Proposed Residential Towers at Dahisar

**Is a Violation Case:** No

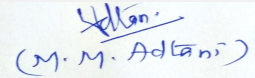
1.Name of Project	Residential project Aniline Dahisar
2.Type of institution	Private
3.Name of Project Proponent	Aniline Constructions Company Pvt. Ltd.
4.Name of Consultant	Pollution & Ecology Control Services
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing CTS No. 3113 D of village Dahisar, Off. Western Express Highway, Dahisar East
9.Taluka	Mumbai
10.Village	Dahisar
Correspondence Name:	Mr. Ashish Girdharilal
Room Number:	-
Floor:	-
Building Name:	DB House, Yashodham
Road/Street Name:	General A.K.Vaidya Marg
Locality:	Goregaon East
City:	Mumbai
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IOD
	<b>IOD/IOA/Concession/Plan Approval Number:</b> IOD vide No. CHE/A-4042/BP(WS)/AR dated 8th June, 2018
	<b>Approved Built-up Area:</b> 69148.80
13.Note on the initiated work (If applicable)	Site work not initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	IOD vide No. CHE/A-4042/BP(WS)/AR dated 8th June, 2018
15.Total Plot Area (sq. m.)	12648.80
16.Deductions	15.35
17.Net Plot area	12633.45
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 39959.75
	b) Non FSI area (sq. m.): 44148.40
	c) Total BUA area (sq. m.): 84108.15
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 39959.75
	Approved Non FSI area (sq. m.): 44148.40
	Date of Approval: 08-06-2018
19.Total ground coverage (m2)	2529.76
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20%
21.Estimated cost of the project	1786463470

## 22.Number of buildings & its configuration

  
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Tower 1	3 Basements+ Ground Floor+ 1st to 37th Residential floors	118.30 mt
2	Tower 2	3 Basements+ Ground Floor+ 1st to 35th Residential floors	112.20 mt
3	Tower 3	3 Basements+ Ground Floor+ 1st to 32nd Residential floors	103.05 mt
4	Tower 4	3 Basements+ Ground Floor+ 1st to 30th Residential floors	96.95 mt

23.Number of tenants and shops	767 Flats
24.Number of expected residents / users	3522 Residential tenants
25.Tenant density per hectare	606
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	60 mt wide NH-8 Highway
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	minimum 9m
29.Existing structure (s) if any	NO
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
	Fresh water (CMD):	319
	Recycled water - Flushing (CMD):	162
	Recycled water - Gardening (CMD):	20
	Swimming pool make up (Cum):	10
	Total Water Requirement (CMD) :	503
	Fire fighting - Underground water tank(CMD):	300
	Fire fighting - Overhead water tank(CMD):	200
	Excess treated water	247
Wet season:	Source of water	MCGM
	Fresh water (CMD):	319
	Recycled water - Flushing (CMD):	162
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	10
	Total Water Requirement (CMD) :	493
	Fire fighting - Underground water tank(CMD):	300
	Fire fighting - Overhead water tank(CMD):	200
	Excess treated water	227
Details of Swimming pool (If any)	10	

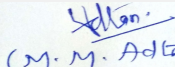
### 33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	319	319	319	47.81	47.81	47.81	270.92	270.92	270.92

  
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<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5-6m
	<b>Size and no of RWH tank(s) and Quantity:</b>	40 m3 RWH tank and 38 m3 RWH tanks in Basement 3
	<b>Location of the RWH tank(s):</b>	Basement 3
	<b>Quantity of recharge pits:</b>	Not Applicable
	<b>Size of recharge pits :</b>	Not Applicable
	<b>Budgetary allocation (Capital cost) :</b>	10 Lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.8 Lakhs
	<b>Details of UGT tanks if any :</b>	2 Domestic Water tanks with 125 m3 and 120 m3 capacity at Basement 3 2 Fire Water Tanks with 150 m3 capacity each at Basement 3 2 RWH Tanks with 40 m3 and 38 m3 capacity at Basement 3 2 Flushing water tanks of 65 m3 and 60 m3 capacity at Basement 3

<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The storm water collected through storm water drains of adequate capacity will be discharged into Municipal SWD Quantity of storm water
	<b>Quantity of storm water:</b>	820 m3/hr for the proposed project
	<b>Size of SWD:</b>	200mm to 300 mm wide drain channel slope 1:300

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	433
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	500 m3/day of one STP
	<b>Location &amp; area of the STP:</b>	Ground floor
	<b>Budgetary allocation (Capital cost):</b>	49 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	12 Lakhs

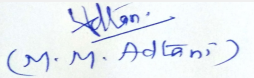
### 36. Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	90 kg/day
	<b>Disposal of the construction waste debris:</b>	scrap material will be disposed to Authorized Vendors
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	633.11 kg/day
	<b>Wet waste:</b>	1162.26 kg/day
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	4.3 m3
	<b>Others if any:</b>	Not Applicable

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Dry garbage will be segregated and disposed off to recyclers
	<b>Wet waste:</b>	Wet garbage will be composted using Organic Waste converter and or In Vessel Composter and used as Organic manure for landscaping
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Used as manure
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Ground floor
	<b>Area for the storage of waste &amp; other material:</b>	15 m2
	<b>Area for machinery:</b>	15 m2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	12 Lakhs
	<b>O &amp; M cost:</b>	1 Lakhs

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details


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

### 39. Stacks emission Details

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

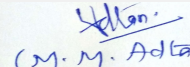
### 40. Details of Fuel to be used

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

  
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	2791.67 m2 on ground floor
	<b>No of trees to be cut :</b>	--
	<b>Number of trees to be planted :</b>	123
	<b>List of proposed native trees :</b>	Satwin,Copper Pod tree, Kanchan, Bakul, Champa
	<b>Timeline for completion of plantation :</b>	Not Applicable

#### 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	Al Stonia scholaris	Satwin	26	An evergreen tropical tree
2	Peltophorum ferrugineum	Copper Pod tree	32	A popular ornamental tree grown around the world
3	Bauhinea purpurea	Kanchan	22	It is a deciduous fast-growing shrub or tree
4	Mimusops elengi	Bakul	21	Evergreen tree found in tropical with medicinal values
5	Pulmeria alba	Chickoo	22	Fruit bearing tree


#### 45.Total quantity of plants on ground

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

Serial Number	Name	C/C Distance	Area m2
1	Not Applicable	Not Applicable	Not Applicable

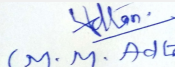
#### 47.Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	Reliance Energy Ltd.
	<b>During Construction Phase: (Demand Load)</b>	1200 KVA
	<b>DG set as Power back-up during construction phase</b>	1 X 730 KVA
	<b>During Operation phase (Connected load):</b>	12589 kW
	<b>During Operation phase (Demand load):</b>	4950 kW
	<b>Transformer:</b>	Not Applicable
	<b>DG set as Power back-up during operation phase:</b>	1 x 750 kVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	Not Applicable

  
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### 48. Energy saving by non-conventional method:

Energy savings due to Solar lighting and Solar hot water contributes to about 4.15 %

### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Savings due to timer / sensor in Parking area	40%
2	Savings due to timer / sensor for External Lighting	40%
3	Savings due to lighting using CFL lights	35%
4	Savings due to electronic ballast	20%
5	Savings due to use of hydropneumatic pumping system & Lifts with VFD @ 15% minimum	15%
6	Savings in External lighting due to LED lighting	60%

### 50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not Applicable	Not Applicable	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	60 Lakhs
	O & M cost:	5 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	Dust Suppression measures & barricading	Erosion Control	4
2	Supply of Personal Protective Equipments	Site Safety	3
3	Facility of Bio-toilets, basins	Site Sanitation	2
4	Health checkup on regular intervals	Disinfection & health checkup	3
5	Air, Water, Soil, Noise Monitoring	Environmental Monitoring	2
6	Disaster Management Plan	Disaster Management Plan for Construction Phase	19.45

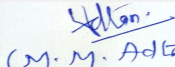
#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Not Applicable	49	12
2	SWM	Organic Waste Converter & In-Vessel composting	12	1
3	RWH	Water Harvesting	10	0.8
4	Landscaping	Maintenance of garden area	33	1.8

  
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5	DMP	Disaster Management Plan	192	13.4
6	Basement Filtration Unit	Filtration of air	101	15

### 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

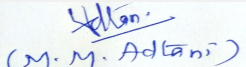
### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NH 8 highway
Parking details:	Number and area of basement:	Basement 1:6892.94 m <sup>2</sup> , Basement 2: 6892.94 m <sup>2</sup> , Basement 3: 6892.94 m <sup>2</sup>
	Number and area of podia:	Not Applicable
	Total Parking area:	21270
	Area per car:	30 m <sup>2</sup>
	Area per car:	30 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	88
	Number of 4-Wheelers as approved by competent authority:	763
	Public Transport:	Dahisar Bus Stop
	Width of all Internal roads (m):	6 m for 4-wheelers, 9 m for CFO, 13m for HMV & LCV
	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	Category 8 (a) B2

  
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	<b>Court cases pending if any</b>	Not Applicable
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorised in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

SEAC-AGENDA-0000000224

Representative of PP was present during the meeting along with environmental consultant M/S. Pollution & Ecology Control Services.

It is noted that the project previously considered in 84th and 88<sup>th</sup> SEAC-2 meetings held on 08/01/2019 and 12/02/2019. In the said meetings, PP informed that, the project under consideration is residential project. The total plot area of the project is 12648.80 Sq. mt. having total construction area 84108.15 Sq. mt. (FSI - 39959.75 Sq. mt.+ NON FSI- 44148.40 Sq. mt.). The building configuration is as follow

Building Name & number	Number of floors	Height (Mtrs)
Tower 1	3 Basements+ Ground Floor+ 1st to 37th Residential floors	118.30 mt
Tower 2	3 Basements+ Ground Floor+ 1st to 35th Residential floors	112.20 mt
Tower 3	3 Basements+ Ground Floor+ 1st to 32nd Residential floors	103.05 mt
Tower 4	3 Basements+ Ground Floor+ 1st to 30th Residential floors	96.95 mt

As discussed in the said meetings, Committee deliberated the issue in detail and noted that EC for the present project on plot area coming under MCGM limits cannot be considered in isolation and will have to be discussed along with the amendment proposal submitted by M/S Neelkamal Relators SEIA STATEMENT-000000283. Therefore the amendment proposal of M/S Neelkamal Relators be also taken up simultaneously with this proposal in next meeting. It is noted that amendment proposal submitted by M/S Neelkamal Relators


### DECISION OF SEAC

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

Specific Conditions by SEAC:

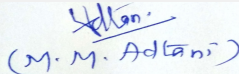
### FINAL RECOMMENDATION

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

  
Mr. Surykant Nikam  
(Secretary SEAC-II)

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

## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019

**SEAC Meeting number: 91st Meeting Date March 6, 2019**

**Subject:** Environment Clearance for EXPANSION OF PROPOSED RESIDENTIAL-CUM SHOPLINE BUILDINGS


**Is a Violation Case:** No

### General Information:

1.Name of Project	PROPOSED RESIDENTIAL-CUM SHOPLINE BUILDINGS
2.Type of institution	TOR
3.Name of Project Proponent	Mr. Sagar Pravin Raut, Viva Holdings
4.Name of Consultant	Dr. D. A. Patil, Mahabal Enviro Engg. Pvt. Ltd.
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	OBTAINED PRIOR ENVIRONMENTAL CLEARANCE FROM MOEF & CC VIDE LETTER NO. 21-161/2014-IA. III DATED 18.06.2015
8.Location of the project	LAND BEARING S.NO.54,H.NO.6, S.NO.58 H.NO.2(pt), S.NO.59 H.NO.1, S.NO.62, S.NO.63, S.NO.78,H.NO.1,2,3,5,6,8,9,10, S.NO.79,H.NO.1, 2,3,4,5,6,7,8,9,10,11, S.NO.80,H.NO.1/P,1/P,1/P, S.NO.81,S.NO.82,H.NO.4, S.NO.83,H.NO.3 OF VILLAGE, MORE S.NO.192,H.NO.1,2,3,4, S.NO.193(pt) VILLAGE- VIRAR, TALUKA- VASAI, DIST- PALGHAR.
9.Taluka	Vasai
10.Village	More, Virar
11.Area of the project	Vasai Virar City Municipal Corporation (VVCMC)
12.IOD/IOA/Concession/Plan Approval Number	VVCMC approval
	<b>IOD/IOA/Concession/Plan Approval Number:</b> VVCMC/TP/NANOC/NP5568&5287/13884/2015-16 dated 25/08/2015
	<b>Approved Built-up Area:</b> 48708.08
13.Note on the initiated work (If applicable)	No work initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	--
15.Total Plot Area (sq. m.)	78,390 m <sup>2</sup>
16.Deductions	32,929.74 m <sup>2</sup>
17.Net Plot area	45,460.26 m <sup>2</sup>
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<b>a) FSI area (sq. m.):</b> 1,23,037.60 m <sup>2</sup>
	<b>b) Non FSI area (sq. m.):</b> 80, 290.42 m <sup>2</sup>
	<b>c) Total BUA area (sq. m.):</b> 2, 03, 328.02 m <sup>2</sup>
18 (b).Approved Built up area as per DCR	<b>Approved FSI area (sq. m.):</b>
	<b>Approved Non FSI area (sq. m.):</b>
	<b>Date of Approval:</b>
19.Total ground coverage (m2)	8595 m <sup>2</sup>
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26%
21.Estimated cost of the project	4000000000

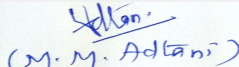
## 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building no. 1	Wing A: Spt+21 & Wing B: S+2	64.20 m
2	Building No. 2	Wing A: St+18 & Wing B,C,D: St(pt)+18	55.65 m

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

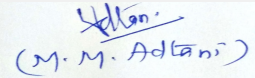


3	Building No. 3	Wing A, B, C, D, E: St(pt)+18	55.65 m	
4	Building No. 4	Wing A, B, C, D:	55.65 m	
5	Building No. 5	Wing A, B, C:	55.65 m	
6	Building No. 6	Wing A, B, C, D:	55.65 m	
<b>23.Number of tenants and shops</b>		Tenants: 3560 nos, Shops: 203 nos		
<b>24.Number of expected residents / users</b>		17902 nos		
<b>25.Tenant density per hectare</b>		454 tenants / hectore		
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>		The project site is accessible by Virar-Nalasopara link Road, 20.m, 30 m and 40 m wide D.P. road.		
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>		9 m		
<b>29.Existing structure (s) if any</b>		No		
<b>30.Details of the demolition with disposal (If applicable)</b>		NA		
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				


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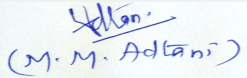
  
**Shri M.M.Adtani (Chairman SEAC-II)**

Dry season:	Source of water	VVCMC								
	Fresh water (CMD):	1604								
	Recycled water - Flushing (CMD):	804								
	Recycled water - Gardening (CMD):	46								
	Swimming pool make up (Cum):	--								
	Total Water Requirement (CMD) :	2408								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	1376								
Wet season:	Source of water	VVCMC								
	Fresh water (CMD):	1478								
	Recycled water - Flushing (CMD):	804								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	--								
	Total Water Requirement (CMD) :	2408								
	Fire fighting - Underground water tank(CMD):	As per CFO NOC								
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC								
	Excess treated water	1376								
Details of Swimming pool (If any)	NA									
<b>33.Details of Total water consumed</b>										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	


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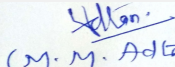
  
 (M. M. Adtani)  
**Shri M.M.Adtani (Chairman SEAC-II)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	5-7m
	<b>Size and no of RWH tank(s) and Quantity:</b>	Total Capacity= 250 m3, Total 20 nos of tanks
	<b>Location of the RWH tank(s):</b>	Underground
	<b>Quantity of recharge pits:</b>	20
	<b>Size of recharge pits :</b>	3.63 m x 1.5 m x 1.5 m
	<b>Budgetary allocation (Capital cost) :</b>	58 lakh
	<b>Budgetary allocation (O &amp; M cost) :</b>	6 lakh/year
	<b>Details of UGT tanks if any :</b>	--
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Towards North
	<b>Quantity of storm water:</b>	2.4 m3/s
	<b>Size of SWD:</b>	750mmx 600mm, 400mm x350mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	2247 KLD
	<b>STP technology:</b>	Oxic Anoxic
	<b>Capacity of STP (CMD):</b>	2 nos of STP with total capacity 2350 m3/day
	<b>Location &amp; area of the STP:</b>	On ground
	<b>Budgetary allocation (Capital cost):</b>	470 lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	94 lakh /yr
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	6000 m3
	<b>Disposal of the construction waste debris:</b>	The construction debris will be utilized at site for Road Paving and plinth filling
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	3568 kg/day
	<b>Wet waste:</b>	5352 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	22
	<b>Others if any:</b>	NA

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

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Dry garbage will be segregated & disposed off to recyclers
	<b>Wet waste:</b>	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	will be used as manure
	<b>Others if any:</b>	--
<b>Area requirement:</b>	<b>Location(s):</b>	on ground
	<b>Area for the storage of waste &amp; other material:</b>	170 m <sup>2</sup>
	<b>Area for machinery:</b>	180 m <sup>2</sup>
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	214 lakh
	<b>O &amp; M cost:</b>	85 lakh/yr

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details


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

### 39. Stacks emission Details

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

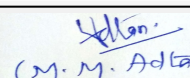
### 40. Details of Fuel to be used

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

  
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	9108 m2
	<b>No of trees to be cut :</b>	Nil
	<b>Number of trees to be planted :</b>	610 nos
	<b>List of proposed native trees :</b>	Shirish, Neem, Maharuk, Satwin, Sita Ashok, Bahava, Bakul, Parijatak, Tamhan, Kunti, Shivan, Apta, Palas, Nandruk, Son chafa, Putranjiva, Satwin
	<b>Timeline for completion of plantation :</b>	6 months from completion of buildings

#### 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	38	Shady tree, yellowish green fragrant flowers
2	Azadiracta indica	Neem	40	Large tree, good for roadside plantation
3	Ailanthus excelsa	Maharukh	27	Large tree, good for roadside plantation
4	Ficus retusa	Nandruk	33	Shady tree, good for roadside plantation
5	Alstonia scholaris	Satwin	37	Shady Tree, white fragrant flowers
6	Saraca asoka	Sita Ashok	35	Shady tree with red-yellow flowers.
7	Cassia fistula	Bahava	39	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
8	Mimusops elengi	Bakul	45	Shady tree, small white fragrant flowers
9	Nyctanthes arbor-tristis	Parijatak	40	Small deciduous fast growing tree, beautiful flowerers.
10	Lagerstroemia flos-regineae	Tamhan	27	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
11	Murraya paniculata	Kunti	40	Small tree, Fragrant white flowers, Butterfly host plant
12	Gmelina arborea	Shivan	38	Fast growing tree with beautiful yellow flowers
13	Bauhinia racemosa	Apta	42	Small tree with small white flowers, Butterfly host plant
14	Butea monosperma	Palas	38	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
15	Michelia champaca	Son Chafa	34	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
16	Putranjiva roxburghii	Putranjiva	30	Medium sized evergreen tree,
17	Citrus sp	Lemon	27	Butterfly host plant

#### 45.Total quantity of plants on ground

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

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

### 47. Energy

<b>Power requirement:</b>	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	400 kVA
	DG set as Power back-up during construction phase	400 kVA
	During Operation phase (Connected load):	21 mW
	During Operation phase (Demand load):	11 mW
	Transformer:	--
	DG set as Power back-up during operation phase:	2500 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	-

### 48. Energy saving by non-conventional method:

Provision of Solar hot water system

### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	<ul style="list-style-type: none"> <li>• Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement</li> <li>• Use of AC and façade system to reduce heat gain and power consumption</li> <li>• Use of low-e glass to reduce power requirement</li> <li>• Solar lighting in common areas, garden and road</li> <li>• Solar hot water for residential buildings</li> <li>• Solar street lights will be proposed</li> <li>• Energy efficient lighting fixtures (LED lights) to all buildings</li> </ul>	20.97%

### 50. Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	Capital cost:	100 lakh
	O & M cost:	5 lakh

### 51. Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):


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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	--	5
2	Site sanitation (Toilets)	--	6
3	Environmental Monitoring	(As per the CPCB guidelines through MoEF Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time)	3
4	Potable Water Supply to Labour Camp	--	5
5	Health check-up & first aid	--	6
6	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	10
7	Traffic Management	(Sign Boards, Persons at entry exit and Parking area)	3
8	Safety nets	--	12
9	Tyre cleaning and Vehicle maintenance	--	3
10	Solid Waste Management & Site maintenance activity	--	4
11	Safety - Training to Workers (Twice in Year), Safety Officer	--	7
12	Total	--	64

**b) Operation Phase (with Break-up):**


Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Tertiary	470	94
2	Solar System	--	100	5
3	Rain Water Harvesting	--	58	6
4	Solid waste Composting plant	--	214	85
5	Landscape development	--	91	14
6	Total	--	933	204

**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:	3
Parking details:	Number and area of basement:	Nil
	Number and area of podia:	Nil
	Total Parking area:	--
	Area per car:	28 m <sup>2</sup>
	Area per car:	28 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	3948
	Number of 4-Wheelers as approved by competent authority:	1183
	Public Transport:	--
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	6.5 km from Tungareshwar wildlife sanctuary
	Category as per schedule of EIA Notification sheet	8 b
	Court cases pending if any	NA
	Other Relevant Informations	NA

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




	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	01-03-2017

### TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
18 (a)	FSI: 123037.60 m2, Non FSI 80290.42 m2, Total BUA: 203328.02 m2	FSI: 123314.42 m2, Non FSI: 101157.02, Total BUA: 224471.44
18 (b)	Approved FSI: 48493.05m2, Non FSI: 59101.96 m2	Approved FSI: 48493.05m2, Non FSI: 59101.96 m2
19	Total Ground Coverage 8595 m2	Total Ground Coverage: 9689.66 m2
20	Ground Coverage %: 26	Ground Coverage %: 28.44
22	No of Buildings and its Configuration: Build no. 1: Wing A St (pt) +21, Wing B: St+ 21; Build No. 2: Wing A, B, C, D: St (pt) +18; Build No. 3: Wing A, B, C, D, E: St (pt) + 18; Build; Build No. 4: Wing A, B, C, D St (pt) +18; Build No 5, Wing A, B, C St (Pt) + 18; Build No. 6 Wing A, B, C, D St (pt) + 18	Build No. 1: Wing A & B - G(pt) + St (pt) + 21, Build No. 2: Wing A, D, M, N: St + P+21; Wing: B,C, E,F: G (pt) + St (pt) +21, Wing G: St + P+ 20 (pt); Wing H, I, J, K, L: St + P + 19; Build 3: Wing - A,B, C - G(pt)+St(pt) + P+21, Build No 4: Wing A, B, C- G(pt) + st(pt) + 21, Wing D - St +21
23	No of Tenants and Shops: 3560 Shops: 203	No of Tenants and Shops: 3445, Shops: 231
24	No of Expected Users: 17902	No of Expected Users: 17918
32	Total Water Requirement (Dry Season) : Fresh Water - 1604 m3, Recycled Water for Flushing 804 CMD, Gardening: 46 CMD, Total Water Requirement 2408 CMD, Excess treated Water 1376	Total Water Requirement (Wet Season): Fresh Water - 1568 CMD, Recycled Water for Flushing 789 CMD, Gardening 45 CMD, Total Water Requirement: 2357 CMD, Excess Treated Water 1343 CMD
32	Total Water Requirement (Wet Season) : Fresh Water - 1478 CMD , Recycled Water for Flushing 804 CMD, Gardening: 0 CMD, Total Water Requirement 2408 CMD, Excess treated Water 1376	Total Water Requirement (Wet Season) : Fresh Water - 1364 CMD, Recycled Water for Flushing 789 CMD, Gardening 0 CMD, Total Water Requirement: 2357 CMD, Excess Treated Water 1388 CMD
34	Level of Ground Water Table: 5-7 m, Size and No of RWH Tanks: 20 tanks of total 250KL capacity, Quantity of Recharge pit 20, Size of Recharge pit, 3.6 x 1.5 x1.5 m, Budgetary Allocation: 58 Lakh, O&M 6 Lakh/yr	Level of Ground Water Table: 5 m, Size and No of RWH Tanks: 6 tanks of total 510 KL capacity, Quantity of Recharge pit 0, Size of Recharge pit, -, Budgetary Allocation: 117 Lakh, O&M 6 Lakh/yr
36	Sewage Generation 2247 CMD, STP capacity: 2 nos of STP with Total Capacity of 2350 CMD, Capitol Cost Rs. 470 Lakh, O&M Rs. 94 Lakh/Yr	Sewage Generation 2200 CMD, STP capacity: 4 nos of STP with Total Capacity of 2350 CMD, Capitol Cost Rs. 470 Lakh, O&M Rs. 94 Lakh/Yr
37	Waste generation in Operation Phase: Dry Waste 3568 kg/d, wet waste 5352 kg/d	Waste generation in Operation Phase: Dry Waste 3500 kg/d, wet waste 5251kg/d
54	Two Wheeler's 3948 nos, 4 Wheeler's - 1183	Parking Details: No and Area of Podium - 1 podium with 12797.40 m2 area, Total Parking area - 17539.34 m2, two wheeler's 3992 nos, 4 wheeler's 1291 nos


### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

<b>Environmental Impacts of the project</b>	NA
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**Mr. Surykant Nikam**  
(Secretary SEAC-II)

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<b>Water Budget</b>	NA
<b>Waste Water Treatment</b>	NA
<b>Drainage pattern of the project</b>	NA
<b>Ground water parameters</b>	Level of the Ground water table: 5-7m
<b>Solid Waste Management</b>	NA
<b>Air Quality &amp; Noise Level issues</b>	NA
<b>Energy Management</b>	NA
<b>Traffic circulation system and risk assessment</b>	NA
<b>Landscape Plan</b>	NA
<b>Disaster management system and risk assessment</b>	NA
<b>Socioeconomic impact assessment</b>	NA
<b>Environmental Management Plan</b>	NA
<b>Any other issues related to environmental sustainability</b>	NA
<b>Brief information of the project by SEAC</b>	


SEAC-AGENDA-0000000224

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

PP informed that, the project under consideration is an expansion project for which prior EC accorded from MOEF & CC VIDE Letter NO. 21-161/2014-IA. III Dated 18.06.2015. PP further stated that, the total plot area of the project is 78,390 Sq.mt. having total construction area 2,24,471.44 Sq.mt. (FSI - 1,23,314.42 Sq.mt. +NON FSI- 1,01,157.02Sq.mt.) and the building configuration is as bellow-

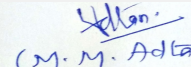
Building Name & number	Number of floors
Building no. 1	Wing A & Wing B: G(pt) + St (pt) + 21
Building No. 2	Wing A, D, M, N: St + P+21; Wing:B,C, E,F: G (pt) + St (pt) +21, Wing G: St + P+20 (pt); Wing H, I, J, K, L: St + P + 19
Building No. 3	Wing - A,B, C - G(pt)+St(pt) + P+21,
Building No. 4	Wing A, B, C- G(pt) + st(pt) + 21, Wing D -St +21
Building No. 5	Wing A, B, C St (Pt) + 18
Building No. 6	Wing A,B, C, D St (pt) + 18

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, form 1, 1A,EIA, presentation & plans submitted are taken on the record

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

## DECISION OF SEAC

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

### Specific Conditions by SEAC:

- 4) PP agreed to make arrangement of providing at least 5 trained drivers and keys in society office for taking out cars parked in lower level whenever there is need to take out car parked in upper level in stack parking. PP to upload undertaking mentioning above clause to be included in sale agreement.
- 5) PP to abide by conditions mentioned in CFO NOC dated 19/12/2018.
- 6) PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project.

## FINAL RECOMMENDATION

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

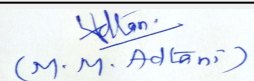
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**Shri M.M.Adtani (Chairman  
SEAC-II)**

## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019

**SEAC Meeting number: 91st Meeting Date March 6, 2019**


**Subject:** Environment Clearance for Building & Construction project

**Is a Violation Case:** Yes

1.Name of Project	M/S. SHREE PARASNATH BUILDERS
2.Type of institution	Private
3.Name of Project Proponent	Mr. Naresh Jain
4.Name of Consultant	M/s SGM corporate Consultant Pvt Ltd
5.Type of project	Residential with shophline
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	Not applicable
8.Location of the project	S.NO.58, 60, 61, 62 & 63
9.Taluka	Vasai
10.Village	Tivari
Correspondence Name:	Naresh Jain
Room Number:	01
Floor:	Ground
Building Name:	Parasnathnagri
Road/Street Name:	GlobalCity Road
Locality:	Village Tivri, Tal: Vasai Palghar
City:	Vasai virar
11.Area of the project	VVCMC
12.IOD/IOA/Concession/Plan Approval Number	NA
	<b>IOD/IOA/Concession/Plan Approval Number:</b> CIDCO/ATPO(BP)/VVSR/CBP-12/RDP/211
	<b>Approved Built-up Area:</b> 20732.07
13.Note on the initiated work (If applicable)	AS per building permission about 17755.98 sq.m BUA area(FSI) is completed
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	35810.00
16.Deductions	12396.19
17.Net Plot area	23413.81
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 24450.65
	b) Non FSI area (sq. m.): 15634.29
	c) Total BUA area (sq. m.): 40084.94
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 20732.07
	Approved Non FSI area (sq. m.): 15634.30
	Date of Approval: 27-01-2015
19.Total ground coverage (m2)	17200
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29
21.Estimated cost of the project	80000000

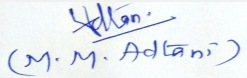
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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1	Bldg No. 1(A to F)	G + St + 7	23.40
2	Bldg No. 2(A to E)	G + St + 3	13.10
3	Bldg No. 3(A )	G + St + 7	23.40
4	Bldg No. 4(A toB)	G + St + 7	23.40
5	Bldg No. 5(A to E)	G + St + 7	23.40

<b>23.Number of tenants and shops</b>	745 (Flat) and112 (Shops)
<b>24.Number of expected residents / users</b>	3950
<b>25.Tenant density per hectare</b>	310
<b>26.Height of the building(s)</b>	
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	18.30
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	7.5
<b>29.Existing structure (s) if any</b>	NA
<b>30.Details of the demolition with disposal (If applicable)</b>	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

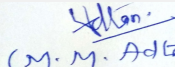
 <b>Mr. Surykant Nikam</b> (Secretary SEAC-II)	<b>SEAC Meeting No: 91st Meeting Date: March 6, 2019</b>	<b>Page 78</b> <b>of 108</b>	 <b>Shri M.M.Adtani (Chairman SEAC-II)</b>
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Dry season:	Source of water	VVCMC							
	Fresh water (CMD):	340							
	Recycled water - Flushing (CMD):	173							
	Recycled water - Gardening (CMD):	27							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	540							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	50							
	Excess treated water	219							
Wet season:	Source of water	VVCMC							
	Fresh water (CMD):	340							
	Recycled water - Flushing (CMD):	173							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	513							
	Fire fighting - Underground water tank(CMD):	150							
	Fire fighting - Overhead water tank(CMD):	50							
	Excess treated water	247							
Details of Swimming pool (If any)	NA								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


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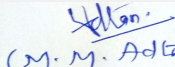
  
 (M. M. Adtani)  
**Shri M.M.Adtani (Chairman SEAC-II)**

<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	3-4
	<b>Size and no of RWH tank(s) and Quantity:</b>	50 CumX 2
	<b>Location of the RWH tank(s):</b>	Ground
	<b>Quantity of recharge pits:</b>	04
	<b>Size of recharge pits :</b>	1.5 m dia and 3.0 m
	<b>Budgetary allocation (Capital cost) :</b>	6.0
	<b>Budgetary allocation (O &amp; M cost) :</b>	0.50
	<b>Details of UGT tanks if any :</b>	for domestic 200 cum and for flusing 100 cum , firefighting 150 cum
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Nallaha
	<b>Quantity of storm water:</b>	0.72 cum/sec
	<b>Size of SWD:</b>	800 x 1200 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	460
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	500
	<b>Location &amp; area of the STP:</b>	Ground and 175 sq.m
	<b>Budgetary allocation (Capital cost):</b>	80 lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	7.5 Lakhs
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	250 to 500 kg per dat
	<b>Disposal of the construction waste debris:</b>	leveling of low lying area and interanal road
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	790
	<b>Wet waste:</b>	1140
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	40
	<b>Others if any:</b>	NA

  
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<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Segregation and handed over to municipal corporatio
	<b>Wet waste:</b>	composting
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground
	<b>Area for the storage of waste &amp; other material:</b>	75 sq.m
	<b>Area for machinery:</b>	12.5 sq.m
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	18.50
	<b>O &amp; M cost:</b>	4.50

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details


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

### 39. Stacks emission Details

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

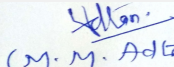
### 40. Details of Fuel to be used

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

  
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<b>43.Green Belt Development</b>	<b>Total RG area :</b>	4131.85
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	350
	<b>List of proposed native trees :</b>	Enclosed
	<b>Timeline for completion of plantation :</b>	NA

#### 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	Azardiractha indica	neem	50	Shady tree for roadside plantation and has medicinal uses
2	Mangifera indica	Aam	25	Fruit Bearing Tree, native, evergreen, attracts birds & insects, cultural significance
3	Syzyguim jambos	Jamun	25	Fruit Bearing Tree, native, evergreen, attracts birds & insects, cultural significance
4	Peltopherum	Sonchapha	50	Shady tree for roadside plantation
5	Michelia champaca	Copper Pod	50	Shady tree for roadside plantation
6	Cassia fistula	Indian Labrenum	50	Native, deciduous, medicinal value
7	Plumeria alba	Franjipani	50	Ornamental plant with medicinal value.
8	Caryta urens	Fish Tail palm	75	Nitogen fixer
9	Sarca Indica	Ashok	150	Evergreen plant
10	Neolmarkia cadamba	Kadamb	75	Tropical fruits 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	Enclosed	Enclosed	Enclosed

#### 47.Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	MSEB
	<b>During Construction Phase: (Demand Load)</b>	100 KVA
	<b>DG set as Power back-up during construction phase</b>	50 KVA
	<b>During Operation phase (Connected load):</b>	7760 KW
	<b>During Operation phase (Demand load):</b>	4420
	<b>Transformer:</b>	2 X 200 AND 2500 KVA
	<b>DG set as Power back-up during operation phase:</b>	2 X 500 KVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

#### 48. Energy saving by non-conventional method:

LED, solar lighting, VFD lift etc

#### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED, solar lighting, VFD lift etc	16.20 %

#### 50. Details of pollution control Systems

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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	45.0
	<b>O &amp; M cost:</b>	4.0


### 51. Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Drinking water	as per drinking water standard	5.0
2	Sanitation	pH, BOD, COD etc	7.50
3	Health Check Up	TB, Blood check up, ECG, dengue etc	4.0
4	Labour camp	Hygiene, Insecticide,	5.0

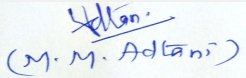
#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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1	Sewerage Treatment Plant	pH, BOB, COD, TSS etc	80.0	7.5
2	Rain Water Harvesting	Oil & Grease, pH ETC	6.0	0.75
3	Solid waste Mangement	Wet & Dry waste,	18.50	4.0
4	Energy Saving Measures	LED, Solar etc	45.0	4.0
5	Greenbelt	Plantation	15.0	4.0
6	Environmental Monitoring	Air, water, noise, soil	o	2.10

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


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

### 52.Any Other Information

No Information Available

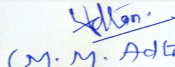
### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	02
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	4150 Sq.m
	Area per car:	15.50 sq.m
	Area per car:	15.50 sq.m
	Number of 2-Wheelers as approved by competent authority:	300
	Number of 4-Wheelers as approved by competent authority:	149
	Public Transport:	Local train
	Width of all Internal roads (m):	6.0
	CRZ/ RRZ clearance obtain, if any:	Not fall under as ver CZMP map of VVSR 1996. However, part plot come under CRZ as per draft CZMP map

  
Mr. Surykant Nikam  
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	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	100 M
	<b>Category as per schedule of EIA Notification sheet</b>	8 (a)
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	online applied on MOEFCC portal on dated 27-05-2017 & 11-04-2018 Our File no is SIA/MH/NCP/24184/2018.
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	11-04-2018

## SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

### Brief information of the project by SEAC

SEAC-AGENDA-0000000224

Representative of PP was present during the meeting along with environmental consultant M/s. SGM corporate Consultant Pvt Ltd

The total plot area of the project is 35810.00 Sq. mt. having total construction area 40084.94 Sq. mt. (FSI - 24450.65 Sq. mt.+ NON FSI- 15634.29Sq. mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Bldg No. 1(A to F)	G + St + 7	23.40
Bldg No. 2(A to E)	G + St + 3	13.10
Bldg No. 3(A )	G + St + 7	23.40
Bldg No. 4(A toB)	G + St + 7	23.40
Bldg No. 5(A to E)	G + St + 7	23.40

It is noted that the proposal under consideration is of violation of EIA Notification 2006 as amended and application submitted within stipulated period vide MoEF&CC Notification dated 14th March 2017 & 8th March 2019.


### DECISION OF SEAC

During the meeting, it is noted that CRZ NOC not obtained by PP. ***In view of above, the proposal is deferred and shall be considered only after the compliance of above observations.***

Specific Conditions by SEAC:

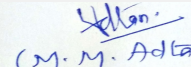
### FINAL RECOMMENDATION

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

  
Mr. Surykant Nikam  
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Shri M.M.Adtani (Chairman  
SEAC-II)

## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019

**SEAC Meeting number: 91st Meeting Date March 6, 2019**

**Subject:** Environment Clearance for Proposed Residential building on plot bearing no. 119 D/1A/1 of village Tungwa, Taluka Kurla, Mumbai. By M/s Powai Developers (A division of K.Raheja corp Pvt. Ltd)

**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed residential building on plot bearing no. 119 D/1A/1 of village Tungwa, Taluka Kurla, Mumbai. By M/s Powai Developers (A division of K.Raheja corp Pvt. Ltd)
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s Powai Developers (A division of K.Raheja corp Pvt. Ltd)
<b>4.Name of Consultant</b>	M/s. Enviro Analysts & Engineers Pvt. Ltd.
<b>5.Type of project</b>	Housing project
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New project
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	Not applicable
<b>8.Location of the project</b>	Plot bearing no. 119 D/1A/1 of village Tungwa, Taluka Kurla, Mumbai.
<b>9.Taluka</b>	Kurla
<b>10.Village</b>	Tungwa
<b>Correspondence Name:</b>	Nikhil Mehta
<b>Room Number:</b>	-
<b>Floor:</b>	6th
<b>Building Name:</b>	Raheja Tower
<b>Road/Street Name:</b>	BKC
<b>Locality:</b>	BKC
<b>City:</b>	Mumbai
<b>11.Area of the project</b>	Municipal Corporation of Greater Mumbai (MCGM)
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Concession received from MCGM
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Concession received vide letter no. CE/4047/BPES/AL dated 10.01.2019
	<b>Approved Built-up Area:</b> 18499.96
<b>13.Note on the initiated work (If applicable)</b>	Nil
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	CFO - 07.08.2018,Civil aviation - 26.10.2018, SWM NOC -23.10.2018, Dp remarks -08.12.2018,
<b>15.Total Plot Area (sq. m.)</b>	7118.90 sqm
<b>16.Deductions</b>	Nil
<b>17.Net Plot area</b>	7118.90 sqm
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> 18499.96
	<b>b) Non FSI area (sq. m.):</b> 15889.32
	<b>c) Total BUA area (sq. m.):</b> 34389.28
<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> 18499.96
	<b>Approved Non FSI area (sq. m.):</b> -
	<b>Date of Approval:</b> 10-01-2019
<b>19.Total ground coverage (m2)</b>	3780.41 sqm
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	53 %
<b>21.Estimated cost of the project</b>	1400000000

## 22.Number of buildings & its configuration


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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	1 building	1 Basement + lower stilt level +upper stilt level+ Pt (G) + Pt (St) 17 upper residential floors	56.75	
<b>23.Number of tenants and shops</b>	277 nos			
<b>24.Number of expected residents / users</b>	1307 nos			
<b>25.Tenant density per hectare</b>	390 Tenant per hectare			
<b>26.Height of the building(s)</b>				
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	13.44 wide municipal road.			
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	12.00 m			
<b>29.Existing structure (s) if any</b>	Nil			
<b>30.Details of the demolition with disposal (If applicable)</b>	Nil			
<b>31.Production Details</b>				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>				

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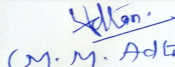


Dry season:	Source of water	MCGM / Treated water from STP							
	Fresh water (CMD):	113 KLD							
	Recycled water - Flushing (CMD):	58 KLD							
	Recycled water - Gardening (CMD):	07 KLD							
	Swimming pool make up (Cum):	5 KLD							
	Total Water Requirement (CMD) :	178 KLD							
	Fire fighting - Underground water tank(CMD):	200 cum							
	Fire fighting - Overhead water tank(CMD):	60 Cum							
	Excess treated water	78 KLD							
Wet season:	Source of water	MCGM/RWH/ treated water from STP							
	Fresh water (CMD):	113 KLD							
	Recycled water - Flushing (CMD):	58 KLD							
	Recycled water - Gardening (CMD):	00 KLD							
	Swimming pool make up (Cum):	5 KLD							
	Total Water Requirement (CMD) :	171 KLD							
	Fire fighting - Underground water tank(CMD):	200 cum							
	Fire fighting - Overhead water tank(CMD):	60 cum							
	Excess treated water	85 KLD							
Details of Swimming pool (If any)	Dimensions = 18.66 m x 8.23 m x1.55 m, Total water requirement 230 cum								
<b>33.Details of Total water consumed</b>									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	4.25-13.10 blg
	<b>Size and no of RWH tank(s) and Quantity:</b>	1 x 80 cum (2 day holding capacity)
	<b>Location of the RWH tank(s):</b>	Basement
	<b>Quantity of recharge pits:</b>	Nil
	<b>Size of recharge pits :</b>	Nil
	<b>Budgetary allocation (Capital cost) :</b>	11.00 lakhs
	<b>Budgetary allocation (O &amp; M cost) :</b>	1.1 lakhs per annum
<b>Details of UGT tanks if any :</b>	Domestic-113 cum Flushing -58 cum Fire tank-200 cum RWH-80 cum Location - Basement	

<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	Natural slope Towards southwest
	<b>Quantity of storm water:</b>	0.173 m3/sec
	<b>Size of SWD:</b>	0.45 m x 0.55 m

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	159 KLD
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	165 KLD
	<b>Location &amp; area of the STP:</b>	Basment (157 sqm)
	<b>Budgetary allocation (Capital cost):</b>	Rs 50.00 lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs 7.50 lakhs/annum

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavated material, Cement Bags , Paint container (@20L), Scrap metal generated, Broken Tiles
	<b>Disposal of the construction waste debris:</b>	Excavated material Shall be used on site for backfilling and for internal roads. Excess shall be disposed to authorized landfills Cement Bags Empty bags to be handed over to recycler. Paint container (@20L) To be handed over to recycler. Scrap metal generated Entirely to be sold for recycling Broken Tiles Waste metal to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	260 kg/day
	<b>Wet waste:</b>	376 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	8 kg/day
<b>Others if any:</b>	E waste will be handed over to MPCB authorized dealers	

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	To be hand over to Local Recyclers for recycling
	<b>Wet waste:</b>	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	To be used as a manure .
	<b>Others if any:</b>	E waste will be handed over to MPCB authorized dealers
<b>Area requirement:</b>	<b>Location(s):</b>	Lower stilt
	<b>Area for the storage of waste &amp; other material:</b>	50 sqm
	<b>Area for machinery:</b>	5 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 10.00 lakhs
	<b>O &amp; M cost:</b>	Rs 2.00 lakhs/annum

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

### 39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	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		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	Required - 1423.78 sqm, provided-1427.49 sqm		
	<b>No of trees to be cut :</b>	23 nos		
	<b>Number of trees to be planted :</b>	69 nos		
	<b>List of proposed native trees :</b>	same as below		
	<b>Timeline for completion of plantation :</b>	By the end of construction phase.		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Millintonia	Jasmine	9	ornamental tree
2	Alstonia	devil tree	9	ornamental tree
3	Mimusops elengi	Bakul	7	ornamental tree
4	Cordia	mnya mate	10	ornamental tree
5	Peltophorum	yellow-flamboyant	11	ornamental tree
6	Ficus benjamina	Ficus Golden	11	ornamental tree
7	Bahunia	Kanchan	5	ornamental tree
8	Plumeria Alba	frangipani	7	ornamental tree
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
<b>47.Energy</b>				

<b>Power requirement:</b>	<b>Source of power supply :</b>	Adani Power/ Tata power
	<b>During Construction Phase: (Demand Load)</b>	80 kW
	<b>DG set as Power back-up during construction phase</b>	100 kVA
	<b>During Operation phase (Connected load):</b>	2846 kW
	<b>During Operation phase (Demand load):</b>	738 kW
	<b>Transformer:</b>	1 x 1250 kVA
	<b>DG set as Power back-up during operation phase:</b>	1 x 320 kVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NA

#### 48. Energy saving by non-conventional method:

- Energy efficient LED's which give approx. 30% more light output for the same watts consumed and therefore require less nos. of fixtures
- Provision of solar panels for common area lighting
- Maintaining the power factor between 0.95 lag and 0.98 lag for common area loads.
- Maintaining lighting power density as per ECBC standard in common areas and recreation facility.
- Astronomical switching of outdoor lighting.
- Proposing use of VFD's (Variable Frequency Drive) for all motors used in lifts
- Use of high efficiency pumps for Plumbing, Firefighting system.

#### 49. Detail calculations & % of saving:

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

#### 50. Details of pollution control Systems


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

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 22.00 lakhs
	<b>O &amp; M cost:</b>	Rs 1.00 lakhs/annum

### 51. Environmental Management plan Budgetary Allocation

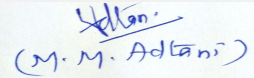
#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development	8

  
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2	Noise Environment	Noise Baricades and Green Belt Developments	6
3	Water Environment	Modular STP , Drainage with sedimentation tanks	5
4	Good Health Practices	Site Sanitation & Health Care	3
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	RWH tanks	11.00	1.10
2	Solid waste management	OWC	10.00	2.00
3	Wastewater management	STP	50.00	7.50
4	Energy savings	Solar & led	22.00	1.00
5	Green belt	Landscaping	35.00	7.00

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


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

**52.Any Other Information**

No Information Available

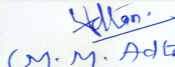
**53.Traffic Management**

Nos. of the junction to the main road & design of confluence:	13.40 M. Wide Road ( multilevel entry /exit)
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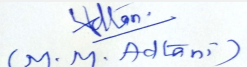
  
(M. M. Adtani)  
Shri M.M.Adtani (Chairman  
SEAC-II)

<b>Parking details:</b>	<b>Number and area of basement:</b>	1 basement ( 2884.82 sqm)
	<b>Number and area of podia:</b>	Lower stilt + upper stilt + pt(G) &Pt(St) (5060.18 sqm)
	<b>Total Parking area:</b>	7945 sqm
	<b>Area per car:</b>	36 sqm
	<b>Area per car:</b>	36 sqm
	<b>Number of 2-Wheelers as approved by competent authority:</b>	25 nos
	<b>Number of 4-Wheelers as approved by competent authority:</b>	218 nos
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	Minimum 6.00 wide internal roads
	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	ESZ of SGNP is 1.30 km aerial distance form site in NW direction. It doesn't fall under eco sensitive zone as per ESZ Notification dtd 5th December 2016
	<b>Category as per schedule of EIA Notification sheet</b>	8(a) B2
	<b>Court cases pending if any</b>	Not applicable
	<b>Other Relevant Informations</b>	-
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	02-08-2018
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

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

PP Mr Rohan Barkar was present during the meeting along with Architect Mr Surve and Environmental consultant M/s. Enviro Analysts & Engineers Pvt. Ltd.

The total plot area of the project is 7118.90 Sq. mt. having total construction area 34389.28Sq. mt. (FSI - 18499.96 Sq. mt.+ NON FSI- 15889.32 Sq. mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
1 building	1 Basement + lower stilt level +upper stilt level+ Pt (G) + Pt (St) 17 upper residential floors	56.75

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

### DECISION OF SEAC

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

#### Specific Conditions by SEAC:

- 1) PP to abide by conditions stipulated in CFO NOC and to ensure 1:12 ramp slope.
- 2) PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project

### FINAL RECOMMENDATION

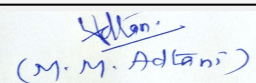
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



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SEAC-II)




## Agenda for 91st SEAC-2 meeting scheduled on 6-7th March, 2019

**SEAC Meeting number: 91st Meeting Date March 6, 2019**

**Subject:** Environment Clearance for Proposed Development on Plot Bearing CTS. No.- 2A/4C of Village Ghatkopar along 27.45m wide Veer Sawarkar Marg ( Godrej Hiranandani Vikhroli Link Road), Reserved for Public Purpose of Secondary School in ' S 'Ward, Under the Accommodation Reservation Policy dated 02.05.2016 / DCPR 2034 ( Project : Part of Make in India)

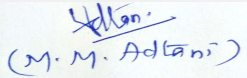
**Is a Violation Case:** No

<b>1.Name of Project</b>	Proposed Development on Plot Bearing CTS. No.- 2A/4C of Village Ghatkopar along 27.45m wide Veer Sawarkar Marg ( Godrej Hiranandani Vikhroli Link Road) , Reserved for Public Purpose of Secondary School in ' S 'Ward, Under the Accommodation Reservation Policy dated 02.05.2016 / DCPR 2034 ( Project : Part of Make in India)
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	Nayan Shah of M/S Mayfair Housing CA to Godrej & Boyce Mfg Co.Ltd
<b>4.Name of Consultant</b>	M/s. Building Environment (I) Pvt Ltd
<b>5.Type of project</b>	School for MCGM Project and Affordable Housing Building under Accommodation Reservation policy dated 02.05.2016 / DCPR 2034 ( Project : Part of Make in India)
<b>6.New project/expansion in existing project/modernization/diversification in existing project</b>	New
<b>7.If expansion/diversification, whether environmental clearance has been obtained for existing project</b>	NA
<b>8.Location of the project</b>	19 06' 21.85" N, 72 55'02.08" E, 19 06' 20.76" N, 72 55'04.92" E 19 06' 19.26" N, 72 55'04.16" E 19 06' 20.17" N, 72 55'01.81" E CTS. No.- 2A/4C of Village Ghatkopar
<b>9.Taluka</b>	Kurla
<b>10.Village</b>	Ghatkopar
<b>Correspondence Name:</b>	Nayan Shah of M/S Mayfair Housing CA to Godrej & Boyce Mfg Co.Ltd
<b>Room Number:</b>	-----
<b>Floor:</b>	-----
<b>Building Name:</b>	1, Mayfair Meridian
<b>Road/Street Name:</b>	Opp to ICICI Bank Staff Quarters, Above Bank of Baroda, first floor off Ceaser Road,
<b>Locality:</b>	Andheri (West)
<b>City:</b>	Mumbai 40058
<b>11.Area of the project</b>	Municipal Corporation of Greater Mumbai in Maharashtra
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Concession Approved by Honourable Municipal Commissioner dated - 31.01.2019 <b>IOD/IOA/Concession/Plan Approval Number:</b> Concession Approved by Honourable Municipal Commissioner dated - 31.01.2019 Layout Approved dated - 05.02.2019 CHE/ES/2694/S/302 IOD Approved date FSI-1.00 - 21.02.2019 <b>Approved Built-up Area:</b> 26209
<b>13.Note on the initiated work (If applicable)</b>	Not started
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	Not Applicable
<b>15.Total Plot Area (sq. m.)</b>	3653.30 sq.mt
<b>16.Deductions</b>	Nil
<b>17.Net Plot area</b>	3653.30 sq.mt
<b>18 (a).Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> Total - 16866.56sq.mt MCGM School Building no.01 - 2073.86 sq.mt Affordable Housing Building no.02 -14792.70sq.mt <b>b) Non FSI area (sq. m.):</b> Total - 9342.85 sq.mt MCGM School Building no 01 - 637.19 sq.mt Affordable Housing Building no 02 - 8705.66 sq.mt <b>c) Total BUA area (sq. m.):</b> 26209.41

  
**Mr. Surykant Nikam**  
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<b>18 (b).Approved Built up area as per DCR</b>	<b>Approved FSI area (sq. m.):</b> Permissible Total - 16869.72 sq mt MCGM School Building no 01 - 2073.86 sq.m Affordable Housing Building no 02-14795.86 sq.m Proposed Total - 16866.56 sq.m MCGM School Building no 01 - 2073.86 sq.m Affordable Housing Building no 02-14792.70 sq.m
	<b>Approved Non FSI area (sq. m.):</b> Total - 9342.85 sq.mt. MCGM School Building no 01- 637.19 sq.mt Affordable Housing Building no 02-8705.66 sq.mt
	<b>Date of Approval:</b> 21-02-2019
<b>19.Total ground coverage (m2)</b>	1962.47 sq.m
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	53.71%
<b>21.Estimated cost of the project</b>	685000000

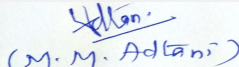
## 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	MCGM School Building no-01	Gr. + 6th Floor	27.60 m
2	Affordable Housing Building no 02	2 level Basements for parking + Stilt Floor for parking , Fire control / BMS room , Elec. Panel Room + 1st Floor - Meditation Room, Laundry, Substation & Meter Room + 2nd Floor- 02 nos. of Guest Room & Meter Room + 3rd Floor - 02 nos. of Guest Room, Reading Room, Society Office + 4th to 6th Typical Floors + 7th Refuge Floor ( 141.99 sqm Refuge area) + 8th to 13th Typical Floors + 14th Refuge Floors Floor ( 141.99 sqm Refuge area) + 15th to 20th Typical Floors + 21st Refuge Floor ( 141.99 sqm Refuge area) + 22nd to 27th Typical Floors + 28th Refuge Floor (118.79 sqm Refuge area) + 29th to 33rd Typical Floors + 34th part Floor - Fitness Centre, 01 Residential room, Part Terrace + Swimming Pool at Terrace above Fitness center.	107.65 m
<b>23.Number of tenants and shops</b>	MCGM School Building no -01 Total - 35, 01 No. (Balwadi, 01 No Mid-Day Room, 01 No Medical Exam Room, 01 No Care Taker Room, 01 No Admin, Office, 01 No Principal Office, 01 No Multipurpose Hall & Green (G) & (L), 01 No Tiffin Room, 02 No Staff Room, 16 No Class Rooms, 01 No Store , 01 No Laboratory Room, 01 No Computer Room, 01 No A.V Room, 01 No Art & Craft Room, 01 No Drawing Room, 01 No Library Room. Affordable Housing Building no-02 - 285		
<b>24.Number of expected residents / users</b>	Affordable Housing Building no-02 - 1425		
<b>25.Tenant density per hectare</b>	193		
<b>26.Height of the building(s)</b>			
<b>27.Right of way (Width of the road from the nearest fire station to the proposed building(s))</b>	12.2 m wide access Road & 27.45m wide Veer Sawarkar Marg ( Godrej Hiranandani Vikhroli Link Road) from nearest Fire station.		

  
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<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	9.0 mt
<b>29.Existing structure (s) if any</b>	Not Applicable
<b>30.Details of the demolition with disposal (If applicable)</b>	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

<b>Dry season:</b>	<b>Source of water</b>	MCGM
	<b>Fresh water (CMD):</b>	MCGM School Building no-01 28 m3/day Affordable Housing Building no-2- 133.5 m3/day
	<b>Recycled water - Flushing (CMD):</b>	MCGM School Building no-01 24 m3/day Affordable Housing Building no-2- 75 m3/day
	<b>Recycled water - Gardening (CMD):</b>	MCGM School Building no-01 1.3 m3/day Affordable Housing Building no-2- 41 m3/day
	<b>Swimming pool make up (Cum):</b>	Affordable Housing Building no-02 (Residential) -1 m3/day
	<b>Total Water Requirement (CMD) :</b>	MCGM School Building no-01 52 m3/day Affordable Housing Building no-2- 208 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	MCGM School Building no-01 100 m3/day Affordable Housing Building no-2 - 300 m3/day
	<b>Fire fighting - Overhead water tank(CMD):</b>	MCGM School Building no-01 30 m3/day Affordable Housing Building no-2 - 50 m3/day
	<b>Excess treated water</b>	MCGM School Building no-01 15 m3/day Affordable Housing Building no-2 - 39 m3/day


<b>Wet season:</b>	<b>Source of water</b>	MCGM
	<b>Fresh water (CMD):</b>	MCGM School Building no-01 18 m3/day Affordable Housing Building no-2 -113.5 m3/day
	<b>Recycled water - Flushing (CMD):</b>	MCGM School Building no-01 24 m3/day Affordable Housing Building no-2 - 75 m3/day
	<b>Recycled water - Gardening (CMD):</b>	MCGM School Building no-01 0 m3/day Affordable Housing Building no-2- 1.0 m3/day
	<b>Swimming pool make up (Cum):</b>	Affordable Housing Building no-02 (Residential) -1 m3/day
	<b>Total Water Requirement (CMD) :</b>	MCGM School Building no-01 42 m3/day Affordable Housing Building no-2 -188 m3/day
	<b>Fire fighting - Underground water tank(CMD):</b>	MCGM School Building no-01 100 m3/day Affordable Housing Building no-2-300 m3/day
	<b>Fire fighting - Overhead water tank(CMD):</b>	MCGM School Building no-01 30 m3/day Affordable Housing Building no-2- 50 m3/day
	<b>Excess treated water</b>	MCGM School Building no-01 16 m3/day Affordable Housing Building no-2- 80 m3/day

**Details of Swimming pool (If any)**

The dimension of the swimming pool: 11.93 \* 3.34 and 18.80 sq.m.  
The dimension of the swimming pool: 5.63 \* 3.34.  
Swimming pool details required:  
? Dimension of Swimming Pool: 11.93m x 3.34m x 1.76 m Lap Pool.  
: 5.63m x 3.34m x 0.6 m Paddle Pool.  
? Total water Requirement in KLD :- 81 M3  
? Total Water Capacity :81,000 Ltr  
? Details of Plant & Machinery used for treatment of Swimming pool  
? Details of quality to be achieved for swimming pool water and parameters to be monitored :  
PH Level : PH - 7.2 To 7.6 PPM  
Chlorine: CH - 0.1 To 1.5 PPM  
To maintain the above said water level, we normally used the following chemicals:-  
TCCA 90% Grannual : 200 gms / day.  
Copper Sulphate : 500 Gms / 15 days.  
Alum Stone : 40 kg / year.  
Manual Process other than Chemicals are as follows  
Pool Brushing: Daily.  
Vacuum Cleaning: Daily.  
Filtration Circulation System : 4 To 5 Hours Daily.  
? Swimming pool equipment: Filter Pump, Light, Pool fitting, and Grating.  
? Budgetary allocation (Capital cost and O & M cost) :  
1) Capital cost: - 10, 00,000/-  
2) O & M cost :- 50,000/-

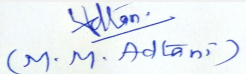
### 33.Details of Total water consumed

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

  
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<b>34.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	4 M
	<b>Size and no of RWH tank(s) and Quantity:</b>	MCGM School Building no-01-10 m3/day Affordable Housing Building no-2 - 20 m3/day
	<b>Location of the RWH tank(s):</b>	MCGM School Building no-01- Below Ground Affordable Housing Building no-2 - Above Ground
	<b>Quantity of recharge pits:</b>	NA
	<b>Size of recharge pits :</b>	NA
	<b>Budgetary allocation (Capital cost) :</b>	MCGM School Building no 01 - 2,00,000 Affordable Housing Building no-2 - 5,00,000
	<b>Budgetary allocation (O &amp; M cost) :</b>	MCGM School Building no 01- 10,000 Affordable Housing Building no-2 -25,000
<b>Details of UGT tanks if any :</b>	MCGM School Building no-01 Fire Tank - 100 cum Domestic - 42 cum Flushing Tank - 24 cum Rain water Tank - 10 cum Affordable Housing Building no-2 Fire Tank - 300 cum Domestic - 133.5 cum Flushing Tank - 75 cum Rain Water Tank - 20 cum	
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The arrangement of disposal of SW through and from the plot as per the remark of SW department MCGM
	<b>Quantity of storm water:</b>	105.22 cum/hr
	<b>Size of SWD:</b>	Building 01 School - Width of trench: 450 mm, Slope of Open Drain 1in 300, Starting Depth 300 mm, depth of trench: 663 mm
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	MCGM School Building no-01- 42.5 cum Affordable Housing Building no-2 - 171 cum
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	MCGM School Building no-01 - 1. No. 45 cum Affordable Housing Building no-2 - 1 No. 180 cum
	<b>Location &amp; area of the STP:</b>	MCGM School Building no-01 - Below Ground Affordable Housing Building no-2 - Below Ground
	<b>Budgetary allocation (Capital cost):</b>	MCGM School Building no-01 - 16,00,000 Affordable Housing Building no-2 - 33,00,000
	<b>Budgetary allocation (O &amp; M cost):</b>	MCGM School Building no-01 - 80,000 Affordable Housing Building no-2 - 1,65,000
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	1395 Tons per year
	<b>Disposal of the construction waste debris:</b>	use for the levelling within the site
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	MCGM School Building no-01 - 374 kg/day Affordable Housing Building no-2 - 535 kg/day
	<b>Wet waste:</b>	MCGM School Building no-01 - 169 kg/day Affordable Housing Building no-2 - 241 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	MCGM School Building no-01 - 9 kg/day Affordable Housing Building no-2 - 36kg/day
	<b>Others if any:</b>	NA

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handover to authorised vender
	<b>Wet waste:</b>	MCGM School Building no-01 - OWC 130 capacity 600 kg/day Affordable Housing Building no-2 - OWC 300 capacity 1200 Kg/Day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	To Be Used In Garden
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	MCGM School Building no-01 - On Terrace Floor Affordable Housing Building no-2 -On Terrace Floor
	<b>Area for the storage of waste &amp; other material:</b>	MCGM School Building no-01 - 50 sq. mt Affordable Housing Building no-2 - 60 Sq.mt
	<b>Area for machinery:</b>	16.00 Sq.mt
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	MCGM School Building no-01 - 6,00,000 Affordable Housing Building no-2 - 10,00,000
	<b>O &amp; M cost:</b>	MCGM School Building no-01 - 30,000 Affordable Housing Building no-2 - 50,000

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

### 39. Stacks emission Details

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

### 40. Details of Fuel to be used

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

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41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
<b>43.Green Belt Development</b>	<b>Total RG area :</b>	R G Area - 275 Sq.m (82.20 sq.m on mother earth) / P .G area - 730.66 sq.m		
	<b>No of trees to be cut :</b>	4		
	<b>Number of trees to be planted :</b>	75		
	<b>List of proposed native trees :</b>	Putranjiva roxburghii, Cordia Sebestena, Sesbania grandiflora, Brownea coccines, Roystonea regia, Cassia Fistula		
	<b>Timeline for completion of plantation :</b>	3 Year		
<b>44.Number and list of trees species to be planted in the ground</b>				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Putranjiva roxburghii	Putranjiva	16	Small sized evergreen tree. beautiful greenish yellow flowers Bark and leaves used as medicine; leaves and fruits used as medicine for rheumatism.
2	Cordia Sebestena	Aloe wood	12	Tall narrow columnar tree with dark green leaves
3	Sesbania grandiflora	Agati	11	Agati is a small tree with white to pink flowers
4	Brownea coccinea	Lal Zumbar	9	Scarlet Flame Bean is a small tree with large heads of orange-red flowers
5	Roystonea regia	Royal palm	17	Royal Palm is a tall ornamental tree with canopy atop the crown shaft. Inflorescence is seen just at the base of the green crownshaft.
6	Cassia fistula	Indian Laburnum	10	small deciduous ornamental tree with yellow flowers
<b>45.Total quantity of plants on ground</b>				
<b>46.Number and list of shrubs and bushes species to be planted in the podium RG:</b>				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
<b>47.Energy</b>				

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<b>Power requirement:</b>	<b>Source of power supply :</b>	MCGM School Building no-01 - Adani / Tata Affordable Housing Building no-2 - Adani / Tata
	<b>During Construction Phase: (Demand Load)</b>	50 kW
	<b>DG set as Power back-up during construction phase</b>	MCGM School Building no-01 - 140 kVA Affordable Housing Building no-2 - 650 kVA
	<b>During Operation phase (Connected load):</b>	MCGM School Building no-01 - 417 kW Affordable Housing Building no-2 - 4519 kW
	<b>During Operation phase (Demand load):</b>	MCGM School Building no-01 - 139 kW Affordable Housing Building no-2 - 964 kW
	<b>Transformer:</b>	1 # 1500 kVA
	<b>DG set as Power back-up during operation phase:</b>	MCGM School Building no-01 - 140 kVA Affordable Housing Building no-2 650 kVA
	<b>Fuel used:</b>	MCGM School Building no-01 - Diesel Affordable Housing Building no-2 - Diesel
	<b>Details of high tension line passing through the plot if any:</b>	NA

#### 48. Energy saving by non-conventional method:

MCGM School Building no-01 - 20 % external lighting on solar. Remaining lighting on timer controlled operation for reducing amount of light at different stages as per requirement.  
Lifts will be with VFD drives and soft starters, which will result in overall 18 % power saving.  
Mainly LED lights with timer control operation to reduce amount of light at different stages.  
BEE 5 star rated fans with variable frequency drive to attain considerable energy saving.  
3 kWP generated by using Solar PV Panels.  
Considered 5 star rating equipments for AC, Fridge, and Fans & Washing Machines. For Lighting CFL & FTL are replaced by LED's for Apartments.  
Affordable Housing Building no-2  
20 % external lighting on solar. Remaining lighting on timer controlled operation for reducing amount of light at different stages as per requirement.  
Lifts will be with VFD drives and soft starters, which will result in overall 21 % power saving.  
Mainly LED lights with timer control operation to reduce amount of light at different stages.  
BEE 5 star rated fans with variable frequency drive to attain considerable energy saving.  
10 kWP generated by using Solar PV Panels.  
Solar Hot Water Generator.  
Considered 5 star rating equipments for AC, Fridge, Fans & Washing Machines. For Lighting CFL & FTL are replaced by LED's for Apartments.


#### 49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	MCGM School Building no-01	19.97 %
2	Affordable Housing Building no-2	19.65 %

#### 50. Details of pollution control Systems

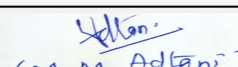
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	4,85,00,000
	<b>O &amp; M cost:</b>	22,00,000

  
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## 51.Environmental Management plan Budgetary Allocation

### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	environmental monitoring	air, water, soil, noise	1.0
2	land	site sanitation	0.25
3	land	site safety	0.7
4	socio economic	disinfection and health checkup	0.25

### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	sewage treatment plant	2 STP	49 L	2.45 L
2	solid waste management	2 OWC	16 L	0.8 L
3	Landscaping	75 trees	1.0 L	0.5 L
4	Solar System	Use of solar system	31.30	7.5
5	Environmental Monitoring	MOEF approved laboratory	--	1.0

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


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

### 52.Any Other Information

No Information Available

### 53.Traffic Management

Nos. of the junction to the main road & design of confluence:	NA
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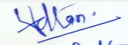
  
Shri M.M.Adtani (Chairman  
SEAC-II)

<b>Parking details:</b>	<b>Number and area of basement:</b>	2 No. Of Basement Basement 01 - 1282.68 sq.mt Basement 02 - 1609.67 sq.mt Total Area = 2892.35 sq.mt
	<b>Number and area of podia:</b>	NA
	<b>Total Parking area:</b>	MCGM School Building no-01 - 46.83 sq.mt Affordable Housing Building no-2 Stilt Area = 282.79 sq.mt Basement 01 = 1185.42 sq.mt Basement 02 = 1185.42 sq.mt Total parking area = 2653.63 sq.mt
	<b>Area per car:</b>	13.75 Sq.m (Excluding Driveway)
	<b>Area per car:</b>	13.75 Sq.m (Excluding Driveway)
	<b>Number of 2-Wheelers as approved by competent authority:</b>	Total - 47 Nos. MCGM School Building no-01 - 9 nos. Affordable Housing Building no-2 - 38 nos.
	<b>Number of 4-Wheelers as approved by competent authority:</b>	Total - 195 Nos. MCGM School Building no-01 - 03 nos Affordable Housing Building no-2 - 192 nos.
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	12.20 mt wide
	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	NA
	<b>Category as per schedule of EIA Notification sheet</b>	NA
	<b>Court cases pending if any</b>	No
	<b>Other Relevant Informations</b>	no
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS</b>		
Summorisred in brief information of Project as below.		
<b>Brief information of the project by SEAC</b>		

  
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PP Mr.Nayan Shah, was present during the meeting along with environmental consultant M/S. Building Environment (I) Pvt Ltd

PP informed that, proposal under consideration is of School for MCGM Project and Affordable Housing Building under Accommodation Reservation policy dated 02.05.2016 / DCPR 2034 . PP further stated that the Project is Part of Make in India and covered under PMAY. PP further stated that, the total plot area of the project is 3653.30 Sq.mt having total construction area 26209.41 Sq.mt. (FSI - Total - 16866.56sq.mt including MCGM School Building no.01 - 2073.86 sq.mt, Affordable Housing Building no.02 -14792.70sq.mt and NON FSI- Total - 9342.85 sq.mt including MCGM School Building no 01 - 637.19 sq.mt, Affordable Housing Building no 02 - 8705.66 sq.mt).The building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
MCGM School Building no-01	Gr. + 6th Floor	27.60 m
Affordable Housing Building no 02	2 level Basements for parking + Stilt Floor for parking , Fire control / BMS room , Elec. Panel Room + 1st Floor - Meditation Room, Laundry, Substation & Meter Room + 2nd Floor- 02 nos. of Guest Room & Meter Room + 3rd Floor - 02 nos. of Guest Room, Reading Room, Society Office + 4th to 6th Typical Floors + 7th Refuge Floor ( 141.99 sqm Refuge area) + 8th to 13th Typical Floors + 14th Refuge Floors Floor ( 141.99 sqm Refuge area) + 15th to 20th Typical Floors + 21st Refuge Floor ( 141.99 sqm Refuge area) + 22nd to 27th Typical Floors + 28th Refuge Floor (118.79 sqm Refuge area) + 29th to 33rd Typical Floors + 34th part Floor - Fitness Centre, 01 Residential room, Part Terrace + Swimming Pool at Terrace above Fitness center.	107.65 m

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

## DECISION OF SEAC

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

**Specific Conditions by SEAC:**

- 1) School building should be separated from Sale building by compound wall.
- 2) PP to operate and maintain STP for 5 years considering affordable housing project and create corpus fund required for further 5 years.

**FINAL RECOMMENDATION**

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

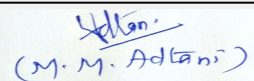
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