

## 54th SEAC-II Meeting Day-4 (6/7/2017)

**SEAC Meeting number: 54 Meeting Date July 6, 2017**

**Subject:** Environment Clearance for Slum Rehabilitation Scheme at Andheri, Mumbai


### General Information:

1.Name of Project	"Residential Complex" (Under Slum Rehabilitation Scheme) at Andheri, Mumbai
2.Type of institution	Private
3.Name of Project Proponent	M/s Zodiac Developers
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	SRA scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in Environmental Clearance
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Received Environment Clearance dated 22nd November 2010
8.Location of the project	C.T.S.no. 455, 455/1 to 16, 464(pt), 1755 & 1756 of village Vile Parle situated at Gulmohar road, Andheri (West), Mumbai
9.Taluka	Andheri
10.Village	Vile Parle
11.Area of the project	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12.IOD/IOA/Concession/Plan Approval Number	Received IOA and CC from Slum Rehabilitation Authority
	<b>IOD/IOA/Concession/Plan Approval Number:</b> Bldg 1 - OC No. SRA/ENG/480/KW/MHL/AP/OCC dt 16.06.2006, Bldg 2 - OC No. SRA/ENG/472/KW/MHL/AP dt. 24.10.2005, Bldg 3 - OC No. SRA/ENG/284/KW/MHL/AP/OCC dt. 7.11.2000, Bldg 4 - IOA & CC No. SRA/CHE/281/KW/MHL/AP, Bldg 5 - IOA & CC No. SRA/ENG/2412/KW/MHL/AP, Bldg 7 - IOA & CC No. SRA/ENG/2453/KW/MHL/AP
	<b>Approved Built-up Area:</b> 37061.61
13.Note on the initiated work (If applicable)	Total constructed work (FSI+ Non FSI): Existing buildings i.e. 3 rehabilitation buildings and 1 sale building (Not under purview of EIA Notification): 10,985.71 Sq.mt. Proposed buildings: 17,907.43 Sq.mt. ? Received Environment Clearance dated 22nd November 2010 . ? Received Consent to Establish from MPCB dated 26th September 2011
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Received 1st LOI dated 10.03.1998 and further amended on 28.05.2015 from Slum Rehabilitation Authority
15.Total Plot Area (sq. m.)	18305.60 Sq.mt.
16.Deductions	6125.21 Sq.mt.
17.Net Plot area	12180.39 Sq.mt.
18.Proposed Built-up Area (FSI & Non-FSI)	<b>a) FSI area (sq. m.):</b> Existing Buildings (Not under purview of EIA Notification): 9364.26 Proposed Buildings: 27697.35, Total: 37061.61
	<b>b) Non FSI area (sq. m.):</b> Existing Buildings (Not under purview of EIA Notification): 1621.45 Proposed Buildings: 24860.99 ,Total: 26482.44
	<b>c) Total BUA area (sq. m.):</b> 63544.05
19.Total ground coverage (m2)	4267.73 Sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35%
21.Estimated cost of the project	1150000000

### 22.Number of buildings & its configuration

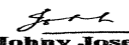
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Existing: 3 Rehabilitation and 1 Sale buildings (Not under purview of EIA Notification)	Rehabilitation - Building 1: G + 7 floors, Building 2: G + 7 floors, Building 3: G + 7 floors Sale - Building 4: G + 7 floors	Building 1 to 4 - 23.80 mt. (up to terrace level)
2	Proposed: 2 Rehabilitation and 1 Sale building	Rehabilitation - Building 5: G + 15 floors, Building 6: Stilt + 15 floors Sale - Building 7: 2 Basements + Stilt+ Podium+13 floors	Building 5 & 6 - 46.85 mt. (up to terrace level) Building 7 - 46.33 mt. (up to terrace level)

23.Number of tenants and shops	Existing - Rehabilitation - Flats: 262 Nos., Society offices: 2 Nos. Sale - Flats: 88 Nos. Proposed - Rehabilitation - Flats: 159 Nos., PAP: 188 Nos., Balwadi: 7 Nos., Welfare center: 7 Nos., Society offices: 4 Nos. Sale - Flats: 78 Nos.
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(Dr. B.N. Patil)  
Member Secretary  
SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

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**Johny Joseph**  
**Shri. Johnny Joseph (Chairman SEAC-II)**

<b>24.Number of expected residents / users</b>	Rehabilitation - 1825 Nos., Sale - 390 Nos. (considering proposed development only)
<b>25.Tenant density per hectare</b>	647/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>	13.40 mt. Wide D.P. Road and Gulmohur Road
<b>28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation</b>	6.00 mt.
<b>29.Existing structure (s) if any</b>	On the said Layout there are 3 Rehabilitation and 1 Sale building which were in existence prior to EIA Notification i.e. 07.07.2004. Part construction completed for proposed Rehabilitation building no. 5 and Sale Building no. 7
<b>30.Details of the demolition with disposal (If applicable)</b>	Demolition of existing slums is already completed

### 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>	M.C.G.M.
	<b>Fresh water (CMD):</b>	194 KLD
	<b>Recycled water - Flushing (CMD):</b>	100 KLD
	<b>Recycled water - Gardening (CMD):</b>	8 KLD
	<b>Swimming pool make up (Cum):</b>	1 KLD
	<b>Total Water Requirement (CMD) :</b>	303 KLD
	<b>Fire fighting - Underground water tank(CMD):</b>	450 KLD
	<b>Fire fighting - Overhead water tank(CMD):</b>	30 KL for each building
	<b>Excess treated water</b>	104

<b>Wet season:</b>	<b>Source of water</b>	M.C.G.M./RWH								
	<b>Fresh water (CMD):</b>	From M.C.G.M.- 168 KLD & From RWH tank - 26 KLD								
	<b>Recycled water - Flushing (CMD):</b>	100 KLD								
	<b>Recycled water - Gardening (CMD):</b>	NA								
	<b>Swimming pool make up (Cum):</b>	1 KLD								
	<b>Total Water Requirement (CMD) :</b>	295 KLD								
	<b>Fire fighting - Underground water tank(CMD):</b>	450 KLD								
	<b>Fire fighting - Overhead water tank(CMD):</b>	30 KL for each building								
<b>Excess treated water</b>	112									
<b>Details of Swimming pool (If any)</b>	Volume of swimming pool : 102 cum									
<b>33.Details of Total water consumed</b>										
<b>Particulars</b>	<b>Consumption (CMD)</b>			<b>Loss (CMD)</b>			<b>Effluent (CMD)</b>			
<b>Water Requirement</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	
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>	4.00 mt. below ground level								
	<b>Size and no of RWH tank(s) and Quantity:</b>	3 RWH tanks of total capacity 573 KL								
	<b>Location of the RWH tank(s):</b>	Building 5 (Rehabilitation) -Ground Floor, Building 6 (Rehabilitation)- Stilt floor,Building 7 (Sale) -Basement-2								
	<b>Quantity of recharge pits:</b>	Nil								
	<b>Size of recharge pits :</b>	NA								
	<b>Budgetary allocation (Capital cost) :</b>	Rs. 66.30 Lakh								
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 3.04 Lakh/annum								
	<b>Details of UGT tanks if any :</b>	Building 5 (Rehabilitation) Ground Floor Building 6 (Rehabilitation) Stilt floor Building 7 (Sale) Basement-2								
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD								
	<b>Quantity of storm water:</b>	0.152 m3/sec								
	<b>Size of SWD:</b>	450 mm width with slope 1:300 (0.76 m3/sec)								

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	235 KLD
	<b>STP technology:</b>	RMBR (Rotating Membrane Bio Reactor)
	<b>Capacity of STP (CMD):</b>	Only for proposed buildings : Building 5 (Rehabilitation) -126 KL, Building 6 (Rehabilitation) -86 KL, Building 7 (Sale) -49 KL
	<b>Location &amp; area of the STP:</b>	Stilt
	<b>Budgetary allocation (Capital cost):</b>	Rs. 70.00 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 7.50 Lakh/annum


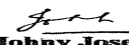
### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Excavated material already disposed to authorized landfill site as per permission from M.C.G.M.
	<b>Disposal of the construction waste debris:</b>	Construction waste shall be partly reused on the site and partly will be disposed to the authorized landfill site
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	289 Kg/day
	<b>Wet waste:</b>	677Kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	35Kg/day
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Non recyclable: To M.C.G.M. Recyclable: To recyclers
	<b>Wet waste:</b>	Composting in organic waste convertor for only proposed buildings
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Use as manure
	<b>Others if any:</b>	E-waste : To Authorized recyclers
<b>Area requirement:</b>	<b>Location(s):</b>	Stilt floor
	<b>Area for the storage of waste &amp; other material:</b>	51 Sq.m.
	<b>Area for machinery:</b>	12 Sq.m.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 9.00 Lakh
	<b>O &amp; M cost:</b>	Rs. 2.86 Lakh/annum

### 37.Effluent Charecteristics

Serial Number	Parameters	Unit	Inlet Effluent Charecteristics	Outlet Effluent Charecteristics	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

 (Dr. B. N. Patil) Member Secretary SEAC (MMR) <b>DR. B.N.Patil (Secretary SEAC-II)</b>	<b>SEAC Meeting No: 54 Meeting Date: July 6, 2017</b>	<b>Page 4 of 67</b>	 <b>Johnny Joseph</b> <b>Shri. Johnny Joseph (Chairman SEAC-II)</b>
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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>	RG on the ground (Sq. m.): 990.00
	<b>No of trees to be cut :</b>	To be cut trees: 5 Nos.
	<b>Number of trees to be planted :</b>	79 Nos.
	<b>List of proposed native trees :</b>	As given in List of proposed plantation on ground
	<b>Timeline for completion of plantation :</b>	Before occupation of the 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	Saraca indica	Ashok	13	Shady evergreen tree with red-yellow flowers
2	Jacaranda mimosifolia	Neeli Gulmohur	14	Moderate to fast growth during warm season. The tree grows to a height of 5 to 15 m Moderate to fast growth during warm season. Flowers in spring are trumpet like lavender and 2" long by 1 1/2" wide. There are white and pink also.
3	Callistemon lanceolatus	Bottle brush	15	Birds have been observed using the species as a source of food. A natural herbicide produced by the roots
4	Azardicta indica	Neem	10	Large tree, fast-growing evergreen tree, drought resistance, Medicinal properties, good for roadside plantation
5	Mangifera indica	Mango	14	It is large evergreen and shady tree. Its uses are clearing digestion and acidity due to pitta (heat). Medicinal properties are attributed to different parts of mango tree.
6	Manilkara zapota	Chikku	13	Is a long-lived, evergreen tree native It is wind-resistant and the bark is rich in a white, gummy latex called chicle. Fruit is edible & used in milkshakes

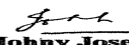
45.Total quantity of plants on ground

### 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	NA	NA	NA

### 47. Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	Reliance Energy
	<b>During Construction Phase: (Demand Load)</b>	100 KW
	<b>DG set as Power back-up during construction phase</b>	As per requirement
	<b>During Operation phase (Connected load):</b>	3576 KW
	<b>During Operation phase (Demand load):</b>	2401 KW
	<b>Transformer:</b>	--
	<b>DG set as Power back-up during operation phase:</b>	2 DG sets of 100 kVA each 2 DG sets of 250 kVA each
	<b>Fuel used:</b>	Diesel
<b>Details of high tension line passing through the plot if any:</b>	Not Applicable	

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

? Provision of fluorescent tube lights & CFL lamps  
 ? Energy Efficient Car Parking Lighting Control system is proposed as follows whereby all lights are divided in three almost equal groups saving approximately 40%  
 ? All lifts are proposed on VFD drives which results in 20% saving in power consumption and approximately 20% savings in energy consumption.  
 ? Use of LED street lights  
 ? Solar Water Heaters for the residential flats

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

Serial Number	Energy Conservation Measures	Saving %
1	? Provision of fluorescent tube lights & CFL lamps ? Energy Efficient Car Parking Lighting Control system is proposed as follows whereby all lights are divided in three almost equal groups saving approximately 40% ? All lifts are proposed on VFD drives which results in 20% saving in power consumption and approximately 20% savings in energy consumption. ? Use of LED street lights ? Solar Water Heaters for the residential flats	22 %
2	Energy saving due to use of solar water heating system	15% over the base of total energy units consumed by the overall conventional method.

### 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. 71.87 Lakh
	<b>O &amp; M cost:</b>	Rs. 6.25 Lakh/annum

### 51. Environmental Management plan Budgetary Allocation

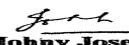
#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust suppression	7.20

  
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2	Air Environment-Air & Noise monitoring	Sensors for Air and Noise quality monitoring	10.00
3	Air Environment-Air & Noise monitoring	By outside MOEF Approved Laboratory	0.88
4	Water Environment	Drinking water analysis	0.72
5	Land Environment	Site Sanitation	5.00
6	Health & Hygiene Environment	Disinfection- Pest Control	4.80
7	Health & Hygiene Environment	Health Check up of workers	18.00
8	Cost towards Disaster management	--	72.50

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air, Noise Environment & Biological Environment	Cost for Gardening	5.45	1.20
2	Air, Noise Environment & Biological Environment	Cost for Ambient air & Noise Monitoring	No set up cost is involved	0.22
3	Air, Noise Environment & Biological Environment	Cost for DG Stack Exhaust Monitoring	No set up cost is involved	0.24
4	Air, Noise Environment & Biological Environment	Cost for air cleaning system	73.50	12.00
5	Water Environment-waste water treatment	Cost for sewage Treatment Plant	70.00	7.50
6	Water Environment-waste water treatment	Cost for Waste water Monitoring-on site sensors	54.00	3.00
7	Water Environment-waste water treatment	Cost for Waste water Monitoring-By outside MOEF Approved Laboratory	No set up cost is involved	0.08
8	Water Conservation (Rain Water Harvesting System)	Cost for RWH tank	57.30	2.87
9	Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for rain water tanks	9.00	0.03
10	Water Conservation (Rain Water Harvesting System)	Cost for Rainwater Monitoring	No set up cost is involved	0.14
11	Land Environment (Solid Waste Management)	Cost for Treatment of biodegradable garbage in OWC	9.00	2.87
12	Land Environment (Solid Waste Management)	Cost for monitoring of organic manure	No set up cost is involved	0.08
13	Energy Conservation	Solar system	71.87	6.25
14	Cost towards Disaster management	--	190.46	19.05

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

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

### 52.Any Other Information

No Information Available

### 53.Traffic Management


	Nos. of the junction to the main road & design of confluence:	Three entry & exit
Parking details:	Number and area of basement:	2 Basements- Building 7
	Number and area of podia:	1 Podium -Building 7
	Total Parking area:	3947.00 Sq. m.
	Area per car:	As per NBC
	Area per car:	As per NBC
	Number of 2-Wheelers as approved by competent authority:	Required : Nil, Proposed : 40 Nos.
	Number of 4-Wheelers as approved by competent authority:	Permissible : 123 Nos., Proposed: 128 Nos.
	Public Transport:	Nil
	Width of all Internal roads (m):	Minimum 6.00 mt.
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Approx 7.00 Km
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	No litigation pending on site but High court order related to the project site is attached with Form 1 and 1A
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	21-11-2015

### Brief information of the project by SEAC

### DECISION OF SEAC

PP was absent; hence the project is deferred.

Specific Conditions by SEAC:

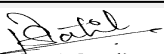
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## FINAL RECOMMENDATION

SEAC-II decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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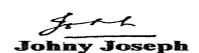


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**Shri. Johnny Joseph  
(Chairman SEAC-II)**

## 54th SEAC-II Meeting Day-4 (6/7/2017)

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**Subject:** Environment Clearance for Proposed Residential and Commercial building project on land bearing Gut no. 108, 111, 112, 113, 115, 116, 118 & 454 At Village: Betegaon, Dist.: Palghar proposed by Mrs. Rupali Hemant Mhatre


### General Information:

1.Name of Project	Proposed Residential and Commercial building project
2.Type of institution	Private
3.Name of Project Proponent	Mrs. Rupali Hemant Mhatre. 2nd Floor, Gulmohar Plaza, Opp. Divekar Hospital Virar (West), Thane 401303
4.Name of Consultant	Mr. H.K. Desai Enviro Analysts & Engineers Pvt. Ltd.,B-1003, Enviro House Western Edge II, Behind Metro Mall Western Express Highway Borivali (E), Mumbai-400066
5.Type of project	Residential and Commercial building project
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	On land bearing Gut no. 108, 111, 112, 113, 115, 116, 118 & 454 At Village: Betegaon, Dist.: Palghar
9.Taluka	Palghar
10.Village	Betegaon
11.Area of the project	Palgahr Nagar Parishad ( zilla parishad thane)
12.IOD/IOA/Concession/Plan Approval Number	Yes <b>IOD/IOA/Concession/Plan Approval Number:</b> • TZP/grampanchayat/ Authority/ 24 For Gut No. 115, 116, 118 Dated 06.03.2012 • TZP/grampanchayat/ Authority/ 104 For Gut No. 108 Dated 30.08.2012 • TZP/grampanchayat/ Authority/ 105 For Gut No. 111 Dated 31.08.2012 • TZP/grampanchayat/ Authority/ 113 For Gut No. 112 Dated 30.08.2012 • TZP/grampanchayat/ Authority/ 106 For Gut No. 113 Dated 31.08.2012 <b>Approved Built-up Area:</b> 149690.53
13.Note on the initiated work (If applicable)	Total constructed area = 38770,00 sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	132940.00 sq.m.
16.Deductions	6916.41 sq.m.
17.Net Plot area	126023.59 Sq.m.
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 130523.11 Sq.mt b) Non FSI area (sq. m.): 19167.42 sq.m. c) Total BUA area (sq. m.): 149690.53
19.Total ground coverage (m2)	28800.23 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.23%
21.Estimated cost of the project	1495000000

### 22.Number of buildings & its configuration

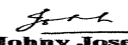
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	9 no. of constructed bldgs	Ground + 4 Floor	14.85 m
2	40 no. of proposed bldgs	Ground + 4 Floor	14.85 m
3	4 no. of future bldgs	Ground + 4 Floor	14.85 m
4	1 no. CFC building( School Bldg)	Ground + 4 Floor	14.85 m

23.Number of tenants and shops	No. of tenements =3187 Nos. No. of Shops =577 Nos. 1 CFC- School Building =
24.Number of expected residents / users	Res. Tenants=15935, Shops=1154 Nos & School=1550 Nos.
25.Tenant density per hectare	238/ hectare

  
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<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 m wide 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>	9.00 m
<b>29.Existing structure (s) if any</b>	Existing G +4 bldgs. of 9 nos. (constructed)
<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>Dry season:</b>	<b>Source of water</b>	Gram panchayat / treated water from STP
	<b>Fresh water (CMD):</b>	1488
	<b>Recycled water - Flushing (CMD):</b>	785
	<b>Recycled water - Gardening (CMD):</b>	80
	<b>Swimming pool make up (Cum):</b>	NA
	<b>Total Water Requirement (CMD) :</b>	2353
	<b>Fire fighting - Underground water tank(CMD):</b>	NA
	<b>Fire fighting - Overhead water tank(CMD):</b>	NA
	<b>Excess treated water</b>	842
<b>Wet season:</b>	<b>Source of water</b>	Gram panchayat /RWH/ treated water from STP
	<b>Fresh water (CMD):</b>	1488
	<b>Recycled water - Flushing (CMD):</b>	785
	<b>Recycled water - Gardening (CMD):</b>	-
	<b>Swimming pool make up (Cum):</b>	NA
	<b>Total Water Requirement (CMD) :</b>	2273
	<b>Fire fighting - Underground water tank(CMD):</b>	NA
	<b>Fire fighting - Overhead water tank(CMD):</b>	NA
	<b>Excess treated water</b>	922

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
<b>34.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:		upto 3 m						
	Size and no of RWH tank(s) and Quantity:		730 cum						
	Location of the RWH tank(s):		Ground level (UG)						
	Quantity of recharge pits:		45 Nos.						
	Size of recharge pits :		NA						
	Budgetary allocation (Capital cost) :		Rs 220.00 lakhs						
	Budgetary allocation (O & M cost) :		Rs 15.00 lakhs						
Details of UGT tanks if any :		Particulars Capacity (CUM) Domestic Water Tank 1490 Flushing Water Tank 790 Rain Water Harvesting Tank 730 cum Location of tank Ground level							
<b>35.Storm water drainage</b>	Natural water drainage pattern:		will be maintained						
	Quantity of storm water:		Total actual discharge = 4.84 cum/sec, Total design discharge = 6.15 cum/sec						
	Size of SWD:		1.5 X 1.5m & 1.2, X 1.5m						
<b>Sewage and Waste water</b>	Sewage generation in KLD:		1897 KLD						
	STP technology:		MBBR Technology						
	Capacity of STP (CMD):		1915 KLD						
	Location & area of the STP:		ground level						
	Budgetary allocation (Capital cost):		Rs. 315 Lakhs						
Budgetary allocation (O & M cost):		Rs. 40 Lakhs							
<b>36.Solid waste Management</b>									
<b>Waste generation in the Pre Construction and Construction phase:</b>	Waste generation:		Debris has been disposed of by covered trucks to the authorized sites with the permission of local body.						
	Disposal of the construction waste debris:		Debris will be used for backfilling and counterweight of raft, road works, etc. Brickbats will be used for waterproofing. Reinforcement will be sent for reuse Nominal surplus construction debris shall be disposed of by covered trucks to the authorized sites with the permission by local body.						
<b>Waste generation in the operation Phase:</b>	Dry waste:		3660 kg/day						
	Wet waste:		4983 kg/day						
	Hazardous waste:		nil						
	Biomedical waste (If applicable):		nil						
	STP Sludge (Dry sludge):		95 Kg						
Others if any:		nil							

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be hand over to Local Recyclers for recycling
	<b>Wet waste:</b>	Will 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>	nil
	<b>Biomedical waste (If applicable):</b>	nil
	<b>STP Sludge (Dry sludge):</b>	Use as a manure
	<b>Others if any:</b>	nil
<b>Area requirement:</b>	<b>Location(s):</b>	Ground Level
	<b>Area for the storage of waste &amp; other material:</b>	567 sq.m.
	<b>Area for machinery:</b>	3.00 sq.m.per machine
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs 65.00 Lakhs
	<b>O &amp; M cost:</b>	Rs 15.00 Lakhs

### 37. Effluent Characteristics

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

### 38. Hazardous Waste Details

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

### 39. Stacks emission Details

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

### 40. Details of Fuel to be used

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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	13400.00 sq.m.(10.00%)
	<b>No of trees to be cut :</b>	nil
	<b>Number of trees to be planted :</b>	700 nos.
	<b>List of proposed native trees :</b>	as below
	<b>Timeline for completion of plantation :</b>	at the end of construction phase

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anthocephallus cadamba	Kadamb	35	medicinal value, control soil erosion
2	Alstonia scholaris	Satwin	35	evergreen tropical tree
3	Peltofourm	Yellow Gulmohar	40	ornamental
4	Mimusops elengi	bakul	30	flowering
5	Terminalia cattapa	Almond tree	40	edible fruits
6	Cassia renigera	Cassia Sps.	35	shady
7	Adina cordifolia	Kadam	40	shady
8	Albizia lebbeca	Shirish	40	medicinal
9	Tabernaemontana divaricata	Tagar	40	flowering
10	Michelia champaca	Sonchafa	40	flowering
11	Polyalthia logifolia	Asu palav	50	for noise reduction
12	Callistemon sps	Australian Bottle Brush	35	ornamental
13	Grevillea robusta	Silver oak	35	flowering
14	Azadirachta indica	Neem	20	medicinal , control soil erosion
15	Barreingtonia racemosa	Samundraphal	30	flowering
16	Caryota urens	Fish Tail Palm	35	ornamental
17	Roystonea regia	Royal Palm	50	ornamental
18	Bauhinia purpuria	Purple Orchid Tree	30	flowering
19	Millingtonia hortensis	Indian Cork Tree	40	shady
<b>45.Total quantity of plants on ground</b>				

#### 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>	MSEB
	<b>During Construction Phase: (Demand Load)</b>	100 KW
	<b>DG set as Power back-up during construction phase</b>	100 KVA
	<b>During Operation phase (Connected load):</b>	29694.82 KW
	<b>During Operation phase (Demand load):</b>	18097.09 KW
	<b>Transformer:</b>	NIL
	<b>DG set as Power back-up during operation phase:</b>	1x400 kVA, 2x300 kVA, 1x250 kVA, 1x200 kVA, 1x150 kVA, 2x100 kVA, 4x50 kVA, 1x40 kVA, 2x20 kVA
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	yes

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

1. common area lighting
2. LED lights
2. solar hot water system

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

Serial Number	Energy Conservation Measures	Saving %
1	as above	10.53%

#### 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 240.00 Lakhs
	<b>O &amp; M cost:</b>	Rs.25.00 Lakhs


#### 51. Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust suppression	3.5
2	Land Environment	site sanitation	3.0
3	Environmental monitoring	For Air, Noise, Water Analysis	15.00
4	EHS	Disinfection	3.5
5	EHS	health check up	3.0

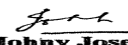
##### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	water environment	Rain Water Harvesting	220.00	15.00
2	solid waste	Solid waste management	65.00	15.00
3	STP	Wastewater management	315.00	40.00
4	Energy saving	solar energy system	240.00	25.00
5	land environment	Landscaping	11.00	3.00

  
 (Dr. B.N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

**SEAC Meeting No: 54 Meeting Date: July 6, 2017**

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**Johnny Joseph**  
 Shri. Johnny Joseph  
 (Chairman SEAC-II)



<b>51.Storage of chemicals (inflammable/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:	entry exit from 15 m wide road					
Parking details:	Number and area of basement:	nil					
	Number and area of podia:	nil					
	Total Parking area:	13018.75 sq.m.					
	Area per car:	28.00 sq.m.					
	Area per car:	28.00 sq.m.					
	Number of 2-Wheelers as approved by competent authority:	Scooters =4321nos, Cycles = 4321nos.					
	Number of 4-Wheelers as approved by competent authority:	91 nos					
	Public Transport:	nil					
	Width of all Internal roads (m):	9 m, 12m, 15 m wide DP Road					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ Inter-State boundaries	not within the 10 km area					
	Category as per schedule of EIA Notification sheet	Schedule 8a, Category B					
	Court cases pending if any	Nil					
	Other Relevant Informations	the case was presented in the 33rd SEAC-2 mtg. as per the MOM case was deffer ed with compliance points.withdrawal letter received against violation received by Eenvt Dept dated 02-01-2015					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
<b>Brief information of the project by SEAC</b>							

PP, Mr. Hemant Mhatre was present during the meeting along with environmental consultant M/s Enviro Analysts & Engineers Pvt. Ltd

PP informed that the project is residential cum commercial project in the Betegaon near tarapur, Dist- Palghar. PP also informed that the project was considered in 5<sup>th</sup> SEAC III meeting wherein the project was referred for violation of EIA Notification 2006. After personal hearing violation withdrawn by Environment Department vide letter dated 02-01-2015, the project was considered in 26<sup>th</sup> SEAC III and 33<sup>rd</sup> SEAC-II meeting. PP also informed that no construction activity is taken up as per conditions of show cause withdrawal. Now the PP presented the compliance. 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.

PP stated that, total plot area is 1,32,940.00 sq.m. & after deduction net plot area is of 1,26,023.59 Sq.m. comprising total built up area (FSI- 1,30,523.11 Sq.m +Non FSI- 19,167.42 sq.m.) is 1,49,690.53 sq.m. 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.

## DECISION OF SEAC

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

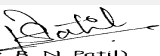
### Specific Conditions by SEAC:

- 1) PP to handle entire Municipal Solid Waste on the site. PP to submit detail plan with undertaking.
- 2) PP to provide standby DG or solar water pump for pumping in proposed STP.

## FINAL RECOMMENDATION

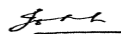
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-00000000019

  
(Dr. B. N. Patil)  
Member Secretary  
SEAC (MMR)  
**DR. B.N.Patil (Secretary  
SEAC-II)**

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**Johnny Joseph**  
**Shri. Johnny Joseph  
(Chairman SEAC-II)**

## 54th SEAC-II Meeting Day-4 (6/7/2017)

**SEAC Meeting number: 54 Meeting Date July 6, 2017**


**Subject:** Environment Clearance for Expansion of Proposed SRA Project for "Jaldhara SRA Co. Op. Hsg. Soc & Shri Ganesh Krupa SRA CHS" at C.T.S. NO. - 827 D/1 (pt) & 827 D/2 (pt) of Village Malad (E), at Shri Krishna Nagar, Gen. Arun Kumar Vaidya Marg, P/North ward of MCGM, Mumbai for "Jaldhara SRA Co. Op. Hsg. Soc & Shri Ganesh Krupa SRA CHS". Proposed By M/s. VGS Realty Construction Pvt. Ltd.

### General Information:

1.Name of Project	Expansion of Proposed SRA Project for "Jaldhara SRA Co. Op. Hsg. Soc & Shri Ganesh Krupa SRA CHS"
2.Type of institution	Private
3.Name of Project Proponent	M/s. VGS Realty Construction Pvt. Ltd., Omkar House, off Eastern Express Highway, Opp. Sion-Chunnabhatti Signal, Sion (E), Mumbai - 400022
4.Name of Consultant	Mr. H.K. Desai Enviro Analysts & Engineers Pvt. Ltd., B-1003, Enviro House Western Edge II, Behind Metro Mall Western Express Highway Borivali (E), Mumbai-400066
5.Type of project	SRA Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Received EC letter EC u/no. SEAC-2010/CR-844 (II)/TC-1 dated 8th March 2016 for the total construction area of 83327.00 sq.m
8.Location of the project	C.T.S. NO. - 827 D/1 (pt) & 827 D/2 (pt) of Village Malad (E), at Shri Krishna Nagar, Gen. Arun Kumar Vaidya Marg, P/North ward of MCGM, Mumbai
9.Taluka	Malad
10.Village	Malad
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	received <b>IOD/IOA/Concession/Plan Approval Number:</b> Received approval:SRA/ENG/1341/PN/MHL/LOI dated 25-10-2016 <b>Approved Built-up Area:</b> 92858.14
13.Note on the initiated work (If applicable)	This is EC granted project. Work is in progress on site as per the received EC letter EC u/no. SEAC-2010/CR-844 (II)/TC-1 dated 8th March 2016. Constructed Area = 81425.00 sq. m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI No. SRA/ENG/1341/PN/MHL/LOI dated: 25TH Oct, 2016
15.Total Plot Area (sq. m.)	13496.17 sq.m.
16.Deductions	254.60 sq.m.
17.Net Plot area	13241.57 sq.m.
18.Proposed Built-up Area (FSI & Non-FSI)	a) <b>FSI area (sq. m.):</b> 36954.03 sq.m. b) <b>Non FSI area (sq. m.):</b> 55904.11 sq.m. c) <b>Total BUA area (sq. m.):</b> 92858.14
19.Total ground coverage (m2)	5909.80 sq.m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43.78%
21.Estimated cost of the project	1300000000

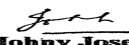
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Wing A	Gr. + 23 Floors	69.95
2	Rehab Wing B	Gr. + 23 Floors	69.95
3	Rehab Wing C	Gr. + 23 Floors	69.95
4	Rehab Wing D	Gr. + 4 Upper Floors+5th (pt) Floors	15.60
5	Rehab Wing E	Gr. + 1 Floor	7.05
6	Sale-Wing A & C	Gr.+2P+Amenity level (E deck)+1st to 31st Floors	111.60

  
DR. B.N.Patil (Secretary  
SEAC-II)

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**Shri. Johnny Joseph  
(Chairman SEAC-II)**

<b>23.Number of tenants and shops</b>	Rehab building: Resi.- 508 Comm.- 15 R/C unit - 3 B/W/S - 20 PAP - 143 Total = 689 Nos Sale Building Res. = 360
<b>24.Number of expected residents / users</b>	5115 Nos.
<b>25.Tenant density per hectare</b>	777 T/ha
<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 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>	9.00 m
<b>29.Existing structure (s) if any</b>	Under construction approved buildings of the layout
<b>30.Details of the demolition with disposal (If applicable)</b>	The debris generated from demolition activity will be handed over to M.C.G.M. Only part of the debris will be reused as per M.C.G.M norms

### 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 / STP Treated water
	<b>Fresh water (CMD):</b>	457 KLD
	<b>Recycled water - Flushing (CMD):</b>	229 KLD
	<b>Recycled water - Gardening (CMD):</b>	15 KLD
	<b>Swimming pool make up (Cum):</b>	NA
	<b>Total Water Requirement (CMD) :</b>	701 KLD
	<b>Fire fighting - Underground water tank(CMD):</b>	900 cum
	<b>Fire fighting - Overhead water tank(CMD):</b>	180 cum
	<b>Excess treated water</b>	333

Wet season:	<b>Source of water</b>	MCGM / RWH/STP Treated water								
	<b>Fresh water (CMD):</b>	384 KLD (MCGM) + 73 KLD (RWH)								
	<b>Recycled water - Flushing (CMD):</b>	229 KLD								
	<b>Recycled water - Gardening (CMD):</b>	-								
	<b>Swimming pool make up (Cum):</b>	NA								
	<b>Total Water Requirement (CMD) :</b>	686 KLD								
	<b>Fire fighting - Underground water tank(CMD):</b>	900 cum								
	<b>Fire fighting - Overhead water tank(CMD):</b>	180 cum								
<b>Excess treated water</b>	348									
<b>Details of Swimming pool (If any)</b>	NA									
<b>33.Details of Total water consumed</b>										
<b>Particulars</b>	<b>Consumption (CMD)</b>			<b>Loss (CMD)</b>			<b>Effluent (CMD)</b>			
<b>Water Requirement</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	<b>Existing</b>	<b>Proposed</b>	<b>Total</b>	
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>	2.8 m below Ground Surface								
	<b>Size and no of RWH tank(s) and Quantity:</b>	Rehab = 104 Cum Sale = 70 cum (2 days water holding capacity)								
	<b>Location of the RWH tank(s):</b>	Below Ground level								
	<b>Quantity of recharge pits:</b>	NA								
	<b>Size of recharge pits :</b>	NA								
	<b>Budgetary allocation (Capital cost) :</b>	Rs.12.20 Lakhs								
	<b>Budgetary allocation (O &amp; M cost) :</b>	Rs. 3.05 Lakhs								
	<b>Details of UGT tanks if any :</b>	Domestic Tank=460 cum Flushing Tank=245 cum Fire Tank =UG=900cum ,OH= 180 cum RWH tank = 175 cum								
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	will be Maintained								
	<b>Quantity of storm water:</b>	Actual Discharge= 0.353 cum/sec, Design Discharge = 0.497 cum/sec								
	<b>Size of SWD:</b>	450 to 600mm wide drain channel as SWD Remarks								

<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	641KLD
	<b>STP technology:</b>	MBBR Technology
	<b>Capacity of STP (CMD):</b>	650 KLD
	<b>Location &amp; area of the STP:</b>	At ground level below ramp and Below ground level.
	<b>Budgetary allocation (Capital cost):</b>	Rs 162.5Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs.45.50 Lakhs

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Construction debris material will be used for backfilling or site leveling purpose wherever required.
	<b>Disposal of the construction waste debris:</b>	Construction debris will be used for site leveling and temporary internal roads and remaining debris shall be disposed of by covered trucks to the authorized dumping sites.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	1022 Kg/Day
	<b>Wet waste:</b>	1524 Kg/day
	<b>Hazardous waste:</b>	Not applicable
	<b>Biomedical waste (If applicable):</b>	Not applicable
	<b>STP Sludge (Dry sludge):</b>	32 Kg/Day
	<b>Others if any:</b>	Nil
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Will be hand over to Local Recyclers.
	<b>Wet waste:</b>	Will 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>	Nil
	<b>Biomedical waste (If applicable):</b>	Nil
	<b>STP Sludge (Dry sludge):</b>	Used as a manure
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Ground Level below ramp & 1st Podium level
	<b>Area for the storage of waste &amp; other material:</b>	Total Area (machine, segregation, storage etc) - 260 sq.m.
	<b>Area for machinery:</b>	Total Area (machine, segregation, storage etc) - 260 sq.m.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 24.0 Lakhs
	<b>O &amp; M cost:</b>	Rs. 7.20 Lakhs

### 37.Effluent Charecterestics

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

38.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Not applicable	Not applicable	Not applicable	Not applicable			
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>	RG on the ground : 2946.81Sq.mt					
	<b>No of trees to be cut :</b>	NIL					
	<b>Number of trees to be planted :</b>	147 Nos.					
	<b>List of proposed native trees :</b>	as below					
	<b>Timeline for completion of plantation :</b>	at the end of construction phase					
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Azadirachta indica	Neem	7	Medicinal value, To control soil erosion. To improve soil erosion			
2	Ficus benghalensis	Wad	8	Medicinal value			
3	Acacia catechu	Khair	5	Medicinal value			
4	Oroxylum indicum	Tetu	6	flowering			
5	Santalum album	Chandan	7	medicinal value			
6	Putranjiva roxburghi	Putranjiva	8	evergreen tree			
7	Sterculia foetida	Jungli Badam	8	Deciduous tree			
8	Semecarpus anacardium	Bibba	8	medicinal			
9	Terminalia arjuna	Arjun	15	medicinal			
10	Sapindus laurifolius	Ritha	8	medicinal			
11	Bauhinia purpurea	Kanchan	5	flowering			
12	Careya arborea	Kumbha	7	tropical			
13	Butea monosperma	Palas	5	Medicinal value, Bird attracting species , To control soil erosion.			
14	Madhuca indica	Mahua	5	flowering			
15	Plumeria rubra	Chafa	10	flowering			
16	Tamarindus indica	Chinch	5	edible fruits			
17	Caryota urens	Fishtail palm	8	ornamental			
18	Phoenix sylvestris	Khajur	7	ornamental			
19	Thevetia peruviana	Thevetia	5	flowering			



20	Ficus glomerata	Umber	7	Medicinal value, Edible fruits, Bird attracting species
----	-----------------	-------	---	---

**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 Pvt. Ltd.
	<b>During Construction Phase: (Demand Load)</b>	100 KW
	<b>DG set as Power back-up during construction phase</b>	100 KVA
	<b>During Operation phase (Connected load):</b>	Rehab Bldg. = 4091 KW, Sale Bldg. = 7011KW
	<b>During Operation phase (Demand load):</b>	Rehab Bldg. = 1773KW, Sale Bldg. = 2925KW
	<b>Transformer:</b>	NA
	<b>DG set as Power back-up during operation phase:</b>	Rehab Bldg. = 1 X 625 KVA, Sale Bldg. = 1 X 625 KVA
	<b>Fuel used:</b>	HSD
<b>Details of high tension line passing through the plot if any:</b>	NIL	

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

- Overall glazing area will be maintained at less than 25% of the Façade Area
- Roofs will be insulated to minimize heat gain with 80mm expanded polystyrene or equivalent insulation.
- Use of CFL & T5 Fluorescent in Common areas
- Use of Solar LED lamps for landscape lighting
- Solar water heaters for top 6 floors of the building
- Use of energy efficient chillers and water cooled type HVAC system followed by ASHARE standards.
- BMS system will be used to control the energy usage.

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

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

**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. 86.40Lacs
	<b>O &amp; M cost:</b>	Rs. 6.91 Lacs

**51.Environmental Management plan Budgetary Allocation**

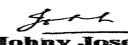
**a) Construction phase (with Break-up):**

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air environment	Water for Dust Suppression	2.0
2	Land Environment	Site Sanitation	2.5
3	Environmental Monitoring	For Air, Noise, Water Analysis	15.0

  
 (Dr. B. N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

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**Shri. Johnny Joseph (Chairman SEAC-II)**

4	EHS	Disinfection	2.0
5	EHS	Health Check Up	3.5

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Conservation	Sewage Treatment Plant	162.5	45.50
2	Water Conservation	Rain Water Harvesting System	12.20	3.05
3	Land Environment	Organic Waste Converter	24.00	7.20
4	Energy Saving	Energy Saving Measures	86.40	6.91
5	Land Environment	Landscaping	9.19	2.00

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


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

**52.Any Other Information**

No Information Available

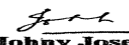
**53.Traffic Management**

	Nos. of the junction to the main road & design of confluence:	18.30 m wide road
Parking details:	Number and area of basement:	Nil
	Number and area of podia:	2 Podium having area 7575.95 m <sup>2</sup>
	Total Parking area:	11046.2 m <sup>2</sup>
	Area per car:	Stilt = 30.00 sq.m. Podium = 31.00 sq.m.
	Area per car:	Stilt = 30.00 sq.m. Podium = 31.00 sq.m.
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	232 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	6 m wide
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	As per Annexure-II of draft notification published by MOEFCC u/no. S.O.229 (E) dated 22/01/2016, the plot under reference falls outside proposed eco-sensitive zone.

  
 (Dr. B. N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

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**Johnny Joseph**  
**Shri. Johnny Joseph (Chairman SEAC-II)**

	<b>Category as per schedule of EIA Notification sheet</b>	Schedule 8a, Category B
	<b>Court cases pending if any</b>	Nil
	<b>Other Relevant Informations</b>	The proposed project is the expansion of SRA project.received EC letter EC u/no. SEAC-2010/CR-844 (II)/TC-1 dated 8th March 2016.
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	28-09-2016
<b>Brief information of the project by SEAC</b>		
<b>DECISION OF SEAC</b>		
PP was absent; hence the project is deferred.		
<b>Specific Conditions by SEAC:</b>		
<b>FINAL RECOMMENDATION</b>		
SEAC-II decided to defer the proposal till PP submits the additional information as per above conditions within 30 days		

SEAC-AGENDA-0000000019

## 54th SEAC-II Meeting Day-4 (6/7/2017)

**SEAC Meeting number: 54 Meeting Date July 6, 2017**

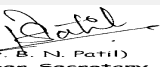
**Subject:** Environment Clearance for Environment Clearance for Proposed Slum Redevelopment of 'Ashra Cooperative Housing Society Ltd.' through SRA scheme U/s 33 (10)

### General Information:

<b>1.Name of Project</b>	Proposed Slum Rehabilitation Scheme
<b>2.Type of institution</b>	Private
<b>3.Name of Project Proponent</b>	M/s Kay Bee Developers Pvt. Ltd.
<b>4.Name of Consultant</b>	Building Environment India Pvt.Ltd.
<b>5.Type of project</b>	Building Construction
<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>	Not applicable
<b>8.Location of the project</b>	Plot bearing CS No. 343(pt), & 344 (pt) of Dharavi Division, G/N ward at V.K Wadi, Dharavi Main road, Dharavi, Mumbai-400 017 Maharashtra
<b>9.Taluka</b>	--
<b>10.Village</b>	Dharavi
<b>11.Area of the project</b>	MCGM
<b>12.IOD/IOA/Concession/Plan Approval Number</b>	Approved Built-up Area: Building No 1: 2966.81 Building No 2: 19621.69 Building No 3: 29200.67 <b>IOD/IOA/Concession/Plan Approval Number:</b> IOD/IOA/Concession/Plan Approval Number: Building No 1: SRA/ENG/734/GN/GL/AP OCC Dated 24/01/2014 Building No 2: SRA/ENG/2727/GN/GL/AP Last Amended IOA dated 05/02/2016 Last Endorsed CC Dated 26/10/2016 Building No 3: SRA/ENG/3241/GN/GL/AP IOA 05/02/2016 <b>Approved Built-up Area:</b> 19500.60
<b>13.Note on the initiated work (If applicable)</b>	Total Constructed work: As of now we have constructed one Rehabilitation Building (Rehab Bldg. No.1) of Total Construction B.U.A of 2966.81 Sq.m as per I.O.A & C.C granted by SRA & also obtained O.C. Further we are constructing the Composite Bldg No 2 - Rehab portion upto 9th Floor as per CC granted by SRA and the total area constructed as on today is 9088.90 Sq.mt FSI: 3866.54 sq.mt Non-FSI: 5476.68 sq.mt Total: 9088.90 sq.mt
<b>14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)</b>	LOI from Slum Rehabilitation Authority (SRA) ? Received LOI , dtd . 18th Nov, 2000 for B.U.A of 13,766.33 Sq.m. ? 1st Revised LOI on 1st March,2008 for B.U.A of 13,766.33 Sq.m. ? 2nd Revised LOI on 6th December, 2008 for B.U.A of 18,727.37 Sq.m. ? 3rd Revised LOI on 11th May, 2015 for B.U.A of 19,500.60 Sq.m.
<b>15.Total Plot Area (sq. m.)</b>	6935.128 Sq.m
<b>16.Deductions</b>	121.372 Sq.m
<b>17.Net Plot area</b>	6815.928 Sq.m
<b>18.Proposed Built-up Area (FSI &amp; Non-FSI)</b>	<b>a) FSI area (sq. m.):</b> FSI Area: 19500.60 Sq.m + Fungible FSI: 5974.64 Sq.m = Total FSI Area: 25475.24 Sq.m <b>b) Non FSI area (sq. m.):</b> 26313.93 Sq.m <b>c) Total BUA area (sq. m.):</b> 51789.17
<b>19.Total ground coverage (m2)</b>	2704.90 Sq.m
<b>20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)</b>	42.00 % (on net plot area)
<b>21.Estimated cost of the project</b>	1500000000

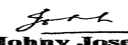
### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	--	--	--
2	Rehab Bldg No.1- 1 No.	Gr. + upper 7 floors	23.90 mt.(upto terrace level)
3	Rehab Bldg No.2-1 No.	Wing A & B of Ground + 21 upper floors	66.50 mt. (upto terrace level)
4	Sale Building: 1 No. with 3 wings (A, B & C)	Wing A , B & C of 2B+ Ground +5 nos of podium + 20 (pt) upper floors	69.70 mt. (upto terrace level)

  
DR. B.N.Patil (Secretary SEAC-II)

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23.Number of tenants and shops	Rehabilitation: Rehab.1: Residential: 67 Nos. R/C:1 Balwadi: 2 Nos. Total: 70 Nos Rehab.2 (Composite): Rehab Residential: 124 Nos. Rehab R/C: 2 Nos. Balwadi: 2 Nos. Welfare Centre: 4 Nos. Society offices: 3 Nos. PAP: 130 Nos. Sale Residential:86 Total:351 Nos Sale: Rehab Shop: 12 Nos. Sale Shop: 4 Nos. Sale Commercial: 6 Nos. Sale Residential: 173 Nos. Society offices: 1 Fitness center units: 1 Nos. Total: 197 Nos			
24.Number of expected residents / users	Rehabilitation: Rehab.1: 360 Nos. Rehab.2: 1765 Nos. Sale: 1023 Nos. Total: 3148 Nos.			
25.Tenant density per hectare	Rehabilitation: 479.60 Sale: 394.53			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30.40 m wide Proposed D.P road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 mt.			
29.Existing structure (s) if any	There are existing slums on the plot which has partly been demolished & the remaining shall be demolished.			
30.Details of the demolition with disposal (If applicable)	Debris & excavated material will be disposed by covered trucks to the authorized sites with permission from M.C.G.M			
<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/STP
	Fresh water (CMD):	Rehab: 186 & Source: (186 for domestic use from M.C.G.M.) Sale: 85 & Source: (81 for domestic use from M.C.G.M. & 4 for Swimming Pool from Tanker )
	Recycled water - Flushing (CMD):	Rehab: 94.00 Sale: 43.00
	Recycled water - Gardening (CMD):	3.00
	Swimming pool make up (Cum):	4.00
	Total Water Requirement (CMD) :	Rehab:281.00 Sale:132.00
	Fire fighting - Underground water tank(CMD):	For Rehab Building - 200 CUM. For Sale Building - 300 CUM
	Fire fighting - Overhead water tank(CMD):	For Rehab Building - 25 CUM per Wing (Total 50 Cum) For Sale Building - 25 CUM Per Wing (Total 75 CUM)
	Excess treated water	Rehab:132.00 Sale:53.00
Wet season:	Source of water	MCGM/STP/RWH
	Fresh water (CMD):	Rehab: 186 & Source: (186 for domestic use from M.C.G.M.) Sale: 85 & Source: (81 for domestic use from M.C.G.M. & 4 for Swimming Pool from Tanker)
	Recycled water - Flushing (CMD):	Rehab: 94.00 Sale: 43.00
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	4.00
	Total Water Requirement (CMD) :	Rehab:281.00 Sale:132.00
	Fire fighting - Underground water tank(CMD):	For Rehab Building - 200 CUM. For Sale Building - 300 CUM
	Fire fighting - Overhead water tank(CMD):	For Rehab Building - 25 CUM per Wing (Total 50 Cum) For Sale Building - 25 CUM Per Wing (Total 75 CUM)
	Excess treated water	Rehab: 132.00 Sale: 56.00
Details of Swimming pool (If any)	1 No.	

### 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>	1.2-2.1 m below ground level
	<b>Size and no of RWH tank(s) and Quantity:</b>	Rehabilitation: Rehab.1: 1 No. (20.00 KL) Rehab.2: 1 No. (40.00 KL) Sale: 1 No. (40.00 KL)
	<b>Location of the RWH tank(s):</b>	Rehabilitation: Underground Sale: Underground
	<b>Quantity of recharge pits:</b>	Nil
	<b>Size of recharge pits :</b>	-
	<b>Budgetary allocation (Capital cost) :</b>	18.00 L
	<b>Budgetary allocation (O &amp; M cost) :</b>	1.25 Lacs/annum
	<b>Details of UGT tanks if any :</b>	adequate capacity tanks will be provided
<b>35.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	The arrangement for disposal of SW through and from the plot as per the remarks of SW department, M.C.G.M.
	<b>Quantity of storm water:</b>	0.15m3/sec
	<b>Size of SWD:</b>	300 mm wide with 1:300 slope
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	Rehabilitation: 252.00 Sale: 111
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	Rehabilitation: 260 Sale: 130
	<b>Location &amp; area of the STP:</b>	Rehabilitation: Underground Sale: 1st Basement
	<b>Budgetary allocation (Capital cost):</b>	55.00 Lacs
	<b>Budgetary allocation (O &amp; M cost):</b>	14.00 Lacs
<b>36.Solid waste Management</b>		
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Debris & excavated material generated shall be disposed by covered trucks to the authorized sites with permission from M.C.G.M.
	<b>Disposal of the construction waste debris:</b>	If found suitable it shall be stock piled and shall be reused for gardening.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	Rehabilitation: Dry waste (Kg/day): 287.00 Sale: Dry waste (Kg/day): 139.00
	<b>Wet waste:</b>	Rehabilitation: Wet waste (Kg/day): 688.00 Sale: Dry waste (Kg/day): 299.00
	<b>Hazardous waste:</b>	Cannot be quantified at this stage as this is a residential project.
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	53.00
	<b>Others if any:</b>	-



<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Handed over to M.C.G.M
	<b>Wet waste:</b>	Composting through OWC & used at site/as manure
	<b>Hazardous waste:</b>	Shall be handed over to authorized common hazardous waste disposal site
	<b>Biomedical waste (If applicable):</b>	-
	<b>STP Sludge (Dry sludge):</b>	Used as manure within the premises for plants. Excess shall be sold /handover to outside parties or gardens.
	<b>Others if any:</b>	--
<b>Area requirement:</b>	<b>Location(s):</b>	Rehabilitation: Ground Level Sale: Ground Level
	<b>Area for the storage of waste &amp; other material:</b>	--
	<b>Area for machinery:</b>	--
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	18.00 Lacs (Cost for treatment of biodegradable garbage in Organic Waste Converter)
	<b>O &amp; M cost:</b>	5.00 Lacs/annum (Cost for treatment of biodegradable garbage in Organic Waste Converter)

### 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

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	840.52 sq.mt on ground
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	109 Nos.
	<b>List of proposed native trees :</b>	attached
	<b>Timeline for completion of plantation :</b>	Throughout construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	15	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
2	Bauhinia purpurea	Apta	15	Small tree with small white flowers, Butterfly host plant
3	Nyctanthus arboritricus	Parijatak	15	Small deciduous fast growing tree, beautiful flowerers
4	Caryota urens	Fish tail palm	10	Tall evergreen tree
5	Bombax ceiba	Katesavar	5	Large tree, red flowers
6	Michelia champaca	Son chafa	12	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plan
7	Citrus lemon	Lemon	2	Butterfly host plant
8	Murraya koengii	Curry Leaves	5	Butterfly host plant
9	Areca sp.	Areca	30	Tall evergreen tree

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

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

Serial Number	Name	C/C Distance	Area m2
1	Adhatoda vasica	--	--
2	Cassia tora	--	--
3	Plumbago zeylanica	--	--
4	Passiflora edulis	--	--
5	Jasminum malabarichum	--	--
6	Stachytarpheta sp	--	--
7	Cassia auriculata	--	--

#### 47.Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	BEST
	<b>During Construction Phase: (Demand Load)</b>	50 KW
	<b>DG set as Power back-up during construction phase</b>	70 KVA
	<b>During Operation phase (Connected load):</b>	Rehab 1: 502.00 kw Rehab2: 2232 kw Sale:1671.69 kw
	<b>During Operation phase (Demand load):</b>	Rehab 1: 215.00 kw Rehab2: 936.00 kw Sale:805.27 kw
	<b>Transformer:</b>	Sale: 2 No 630 KVA Rehab 1 & 2: 1 Nos 630 KVA
	<b>DG set as Power back-up during operation phase:</b>	Sale: 1 D.G of 500 KVA capacity Rehab 1:1 D.G of 50 KVA Capacity Rehab 2:1 D.G of 315 KVA Capacity
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	--

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

Energy saving measures

- ? Light fixtures will be used with energy saving CFL & T5 fluorescent tube with electronic chocks.
- ? Use of Solar energy for street & landscape lightings & water heating purpose.
- ? Small capacity transformers having low no load and load losses.
- ? Selection of Energy efficient equipments (BEE STAR RATED)

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

Serial Number	Energy Conservation Measures	Saving %
1	Energy saving measures ? Light fixtures will be used with energy saving CFL & T5 fluorescent tube with electronic chocks. ? Use of Solar energy for street & landscape lightings & water heating purpose. ? Small capacity transformers having low no load and load losses. ? Selection of Energy efficient equipments (BEE STAR RATED)	Sale Bldg.: 16.89% Rehab.1: 19.43% Rehab.2: 16.70%

#### 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>	28.50 Lacs (Solar lighting & Water heating)
	<b>O &amp; M cost:</b>	1.50 Lacs/annum


#### 51. Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust Pollution	Water Sprinkling	2.00
2	EHS	Site Sanitation, Disinfection & Health Check Up	35.60
3	Environmental Monitoring	--	1.50

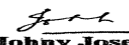
##### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	2 Nos.	Rehab: 35.00 ;Sale: 20.00	Rehab: 4.00 ;Sale: 3.00

  
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 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

**SEAC Meeting No: 54 Meeting Date: July 6, 2017**

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**Shri. Johnny Joseph (Chairman SEAC-II)**

2	RWH	3 Nos.	Rehab: 10.00; Sale: 8.00	Rehab: 1.00; Sale: 1.00
3	Landscaping	--	5.290	0.84
4	SWM	OWC	Rehab: 9.00 ;Sale: 9.00	Rehab: 2.50 ;Sale: 2.50
5	Energy Saving	--	Rehab: 90.00 ;Sale: 80.00	Rehab: 6.00 ;Sale: 5.00
6	DMP	--	9.00	3.00

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

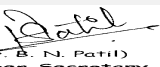
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

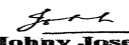
### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Two
Parking details:	Number and area of basement:	2 Basements; 1145.80 sq.mt each
	Number and area of podia:	5 Nos. ; 993.53 sq.mt each
	Total Parking area:	5411.86 sq. m
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	90.Nos.
	Number of 4-Wheelers as approved by competent authority:	Rehab = 56 Nos. Sale = 123 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 mt
	CRZ/ RRZ clearance obtain, if any:	As per MCZMA MoM of 117th Meeting land bearing C. S.No. 344 (pt), 343 (pt) and 335 (pt) of Dharavi Division, G/N ward at V. K. Wadi,Dharavi Main Road, Dharavi, Mumbai i.e. 2.172 sqm falls in CRZ II area and rest of the plot is outside CRZ area.
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Approx.10.50km Maharashtra Nature Park: Approx. 1.00 km Mithi River: Approx. 0.80 km Arabian Sea: Approx. 1.53 km Vihar Lake: 11.70 km Tulsi Lake:Approx.16.00 km Powai Lake: Approx. 10.00 Km Chandivali Lake: Approx. 9.50 Km
	Category as per schedule of EIA Notification sheet	8b
	Court cases pending if any	NA
	Other Relevant Informations	--

  
 (Dr. B. N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

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**Johny Joseph**  
**Shri. Johny Joseph (Chairman SEAC-II)**

	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>Brief information of the project by SEAC</b>		
<p>PP, Mr. Karanveer Singh Bawa, Architect Mr. Hiren Thakker were present during the meeting along with environmental consultant M/s Building Environment (India) Pvt. Ltd.</p> <p>PP informed that the project is SRA Scheme of "Ashra SRA Cooperative Housing Society Ltd." PP also informed that the project was considered in 14<sup>th</sup>, 35<sup>th</sup> &amp; 48<sup>th</sup> SEAC-II Meeting. Now the PP presented the compliance. 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. Compliance, Consolidated statements, form 1, 1A, presentation &amp; plans submitted are taken on the record. Compliance submitted by PP for 2 points was found satisfactory. Committee asked PP to upload the all documents on website.</p>		
<b>DECISION OF SEAC</b>		
<i>After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA.</i>		
<b>Specific Conditions by SEAC:</b>		
1) PP to upload the all documents on website.		
<b>FINAL RECOMMENDATION</b>		
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions		

SEAC-AGENDA-0000000019

## 54th SEAC-II Meeting Day-4 (6/7/2017)

**SEAC Meeting number: 54 Meeting Date July 6, 2017**


**Subject:** Environment Clearance for Proposed SRA Scheme Project of Shivaji Nagar (Chembur) SRA Co -Op Hsg. Soc. Ltd.

### General Information:

1.Name of Project	Proposed SRA Scheme Project of Shivaji Nagar (Chembur) SRA Co -Op Hsg. Soc. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Surendrakumar Surana
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Proposed Residential Cum Commercial Project with SRA Scheme for Shivaji Nagar (Chembur) SRA Co-Op Hsg. Soc. Ltd.
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. 385 of Chembur Division, Chembur, Mumbai, Maharashtra
9.Taluka	Mumbai
10.Village	Chembur
11.Area of the project	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	LOI letter No. SRA/ENG/1370/MW/MHL/LOI 27.04.2007, LOI Received Vide Letter No. SRA/ENG/1370/MW/MHL/LOI dt. 27.09.2016
	<b>IOD/IOA/Concession/Plan Approval Number:</b> LOI letter No. SRA/ENG/1370/MW/MHL/LOI 27.04.2007, LOI Received Vide Letter No. SRA/ENG/1370/MW/MHL/LOI dt. 27.09.2016
	<b>Approved Built-up Area:</b> 16068
13.Note on the initiated work (If applicable)	Work started on site
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI letter No. SRA/ENG/1370/MW/MHL/LOI 27.04.2007 LOI Received Vide Letter No. SRA/ENG/1370/MW/MHL/LOI dt. 27.09.2016
15.Total Plot Area (sq. m.)	4,017.00 m <sup>2</sup>
16.Deductions	710.50 m <sup>2</sup>
17.Net Plot area	3,306.50 m <sup>2</sup>
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17,469.76
	b) Non FSI area (sq. m.): 10,513.69
	c) Total BUA area (sq. m.): 27,983.45
19.Total ground coverage (m <sup>2</sup> )	1745.47
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43.4%
21.Estimated cost of the project	602400000

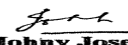
## 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Building	2B+G+1st to 15th floors (pt)	47.85 m
2	Sale Building	2B+G+1st to 13th floors (pt)	42.05 m
23.Number of tenants and shops	Rehab Building : 189 Flats, Shops 70 Nos Sale commercial: 132 Nos.		
24.Number of expected residents / users	1608 Nos.		
25.Tenant density per hectare	472.5/Ha		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	27.40 m wide S.G. Barve on West Side and V. N. Purav Marg on South Side		

  
 (Dr. B.N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

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**Johny Joseph**  
 Shri. Johny Joseph  
 (Chairman SEAC-II)

28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 6 m
29. Existing structure (s) if any	Existing 266 Nos. of slums on site were demolished
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	Municipal Corporation of Greater Mumbai
	Fresh water (CMD):	97
	Recycled water - Flushing (CMD):	63
	Recycled water - Gardening (CMD):	2
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	160
	Fire fighting - Underground water tank (CMD):	As per CFO NOC
	Fire fighting - Overhead water tank (CMD):	As per CFO NOC
	Excess treated water	41
Wet season:	Source of water	Municipal Corporation of Greater Mumbai
	Fresh water (CMD):	63
	Recycled water - Flushing (CMD):	63
	Recycled water - Gardening (CMD):	2
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	160
	Fire fighting - Underground water tank (CMD):	As per CFO NOC
	Fire fighting - Overhead water tank (CMD):	As per CFO NOC
	Excess treated water	43
Details of Swimming pool (If any)	NA	

### 33. Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
-------------	-------------------	------------	----------------



Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>34. Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>		3 - 4 m						
	<b>Size and no of RWH tank(s) and Quantity:</b>		1 RWH tank of total 70 m <sup>3</sup>						
	<b>Location of the RWH tank(s):</b>		Underground						
	<b>Quantity of recharge pits:</b>		NA						
	<b>Size of recharge pits :</b>		NA						
	<b>Budgetary allocation (Capital cost) :</b>		16 Lacs						
	<b>Budgetary allocation (O &amp; M cost) :</b>		1 Lacs/year						
	<b>Details of UGT tanks if any :</b>		Underground Tanks are provided						
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>		Towards North to South East direction of plot						
	<b>Quantity of storm water:</b>		462.58 m <sup>3</sup> /hr						
	<b>Size of SWD:</b>		400 mm x 500 mm						
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>		150 KLD						
	<b>STP technology:</b>		Oxic - Anoxic Technology						
	<b>Capacity of STP (CMD):</b>		Total capacity 175 KLD						
	<b>Location &amp; area of the STP:</b>		Basement						
	<b>Budgetary allocation (Capital cost):</b>		. 44 Lacs						
	<b>Budgetary allocation (O &amp; M cost):</b>		11 Lacs/year						
<b>36. Solid waste Management</b>									
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>		Construction debris: 671m <sup>3</sup>						
	<b>Disposal of the construction waste debris:</b>		The construction debris is utilized at site for levelling.						
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>		242 kg/day						
	<b>Wet waste:</b>		363 kg/day						
	<b>Hazardous waste:</b>		NA						
	<b>Biomedical waste (If applicable):</b>		NA						
	<b>STP Sludge (Dry sludge):</b>		2.0 m <sup>3</sup> /day						
	<b>Others if any:</b>		NA						

<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 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>	Sludge use as manure for gardening
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Location on Ground
	<b>Area for the storage of waste &amp; other material:</b>	35 m2
	<b>Area for machinery:</b>	20 m2
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs. 16 Lacs
	<b>O &amp; M cost:</b>	Rs. 6 Lacs/year

### 37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water 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>	324.09 m2
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	50
	<b>List of proposed native trees :</b>	as below
	<b>Timeline for completion of plantation :</b>	2 Years

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Alstonia scholaris	Satwin	05	Shady Tree, white fragrant flowers
2	Bauhinia racemosa	Apta	04	Small tree with small white flowers, Butterfly host plant
3	Cassia fistula	Bahava	06	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
4	Lagerstroemia flos-regineae	Tamhan	07	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
5	Albizia lebbeck	Shirish	06	Shady tree, yellowish green fragrant flowers
6	Pongamia pinnata	Karanj	05	Shady tree.
7	Nyctanthes arbor-tristis	Parijatak	06	Small deciduous fast growing tree, beautiful flowerers.
8	Michelia champaca	Son chafa	05	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
9	Azadirachta indica	Neem	06	Semi-evergreen tree with medicinal value

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

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

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

#### 47.Energy

<b>Power requirement:</b>	<b>Source of power supply :</b>	RELIANCE ENERGY
	<b>During Construction Phase: (Demand Load)</b>	220 kVA
	<b>DG set as Power back-up during construction phase</b>	220 kVA
	<b>During Operation phase (Connected load):</b>	2.4 MW
	<b>During Operation phase (Demand load):</b>	1.5 MW
	<b>Transformer:</b>	-
	<b>DG set as Power back-up during operation phase:</b>	Total DG set capacity 1 x 330 kVA capacity
	<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:

- Efficient wall systems like solid blocks with fly ash content,
- Energy conservation measures taken by using low energy consuming fixtures like, T5 lamps, CFLs in flats and LEDs in Lift, Lobby, and Passages
- Solar Hot water system to buildings
- Use of high energy efficient pumps for fire fighting, UG tanks and STP
- Use of low-e glass to reduce power requirement
- Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement

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

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving 20.74%	Total Energy Saving 20.74%

#### 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:	18 Lacs
	O & M cost:	1 Lacs/year

#### 51. Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	One water Tanker to spray water	3
2	Site sanitation (Toilets)	-	3
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	2
4	Potable Water Supply to Labour Camp		4
5	Health check-up & first aid		6
6	Safety Personal Protective Equipment	Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc	6
7	Traffic Management	Sign Boards, Persons at entry exit and Parking area	3
8	Safety nets	-	10
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	-	5

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

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	-	44	11
2	Solar System	-	18	1
3	Rain Water Harvesting	-	16	1

4	Solid waste Composting plant	-	16	6
5	Landscape development	-	3	0.5

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

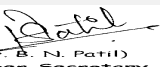
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

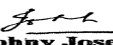
### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Site is directly accessible from main road
Parking details:	Number and area of basement:	3,115.56 m2 (Building A)
	Number and area of podia:	Nil
	Total Parking area:	2966.13 m2
	Area per car:	-
	Area per car:	-
	Number of 2-Wheelers as approved by competent authority:	50 Nos
	Number of 4-Wheelers as approved by competent authority:	106 Nos
	Public Transport:	-
	Width of all Internal roads (m):	-
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Nil
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-09-2016

  
 (Dr. B. N. Patil)  
 Member, Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary  
 SEAC-II)**

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**Johnny Joseph**  
**Shri. Johnny Joseph  
 (Chairman SEAC-II)**



## 54th SEAC-II Meeting Day-4 (6/7/2017)

**SEAC Meeting number: 54 Meeting Date July 6, 2017**

**Subject:** Environment Clearance for "Ozone Biz Center" by Excellent Realtor Developers at Plot bearing C.S. No. 227, Byculla Division, Opp. Alexandra Cinema, Jehangir Boman Behram Marg, Mumbai-400008, Maharashtra


### General Information:

1.Name of Project	Ozone Biz Center
2.Type of institution	Private
3.Name of Project Proponent	M/S. Excellent Realtor Developers
4.Name of Consultant	MITCON Consultancy & Engineering Services Ltd.
5.Type of project	Redevelopment 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	Yes
8.Location of the project	Plot bearing C.S. No. 227, Byculla Division, Opp. Alexandra Cinema, Jehangir Boman Behram Marg, Mumbai-400008, Maharashtra
9.Taluka	NA
10.Village	NA
11.Area of the project	Mumbai Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD
	<b>IOD/IOA/Concession/Plan Approval Number:</b> EB/2925/E/A dated 24/07/2013
	<b>Approved Built-up Area:</b> 18699.215
13.Note on the initiated work (If applicable)	Building 1 is completed as per the previous Environmental Clearance letter
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	5,531.81
16.Deductions	130.00
17.Net Plot area	5,401.81
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17297.52
	b) Non FSI area (sq. m.): 28996.49
	c) Total BUA area (sq. m.): 46294.01
19.Total ground coverage (m2)	2596.14
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	46.9
21.Estimated cost of the project	1500000000

### 22.Number of buildings & its configuration

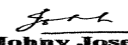
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building 1	Wing A: Commercial: Basement + Stilt + 7 Upper Rehab+ 1 Service Floor +9th to 14th Upper Sale, Wing B: Reservation: Basement + Stilt + 5th (pt), Wing C: Reservation: Basement + Stilt + 2nd (pt) + 4th (pt).	63 m
2	Building 2	2 Basements + 1 Stilt+5 Podiums + 2 Service floor+1 Fire check floor + 35 habitable floors	138.95

23.Number of tenants and shops	134
24.Number of expected residents / users	934
25.Tenant density per hectare	NA
26.Height of the building(s)	

  
 (Dr. B.N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

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**Johny Joseph**  
**Shri. Johny Joseph  
(Chairman SEAC-II)**



27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Building 1
30.Details of the demolition with disposal (If applicable)	NA

### 31.Production Details

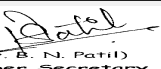
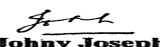
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

### 32.Total Water Requirement

Dry season:	Source of water	MCGM
	Fresh water (CMD):	94.72
	Recycled water - Flushing (CMD):	64.54
	Recycled water - Gardening (CMD):	2.98
	Swimming pool make up (Cum):	7.93
	Total Water Requirement (CMD) :	170.17
	Fire fighting - Underground water tank(CMD):	200 m3
	Fire fighting - Overhead water tank(CMD):	60 m3
	Excess treated water	82.95
Wet season:	Source of water	MCGM
	Fresh water (CMD):	94.72
	Recycled water - Flushing (CMD):	64.54
	Recycled water - Gardening (CMD):	0.00
	Swimming pool make up (Cum):	7.93
	Total Water Requirement (CMD) :	167.19
	Fire fighting - Underground water tank(CMD):	200 m3
	Fire fighting - Overhead water tank(CMD):	60 m3
	Excess treated water	85.93
Details of Swimming pool (If any)	Swimming pool is on 5th Podium open to sky with area of 1282 m x520 m	

### 33.Details of Total water consumed

 (Dr. B. N. Patil) Member, Secretary SEAC (MMR) <b>DR. B.N.Patil (Secretary SEAC-II)</b>	<b>SEAC Meeting No: 54 Meeting Date: July 6, 2017</b>	<b>Page 44 of 67</b>	 <b>Johnny Joseph</b> <b>Shri. Johnny Joseph (Chairman SEAC-II)</b>
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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>		20 m								
	<b>Size and no of RWH tank(s) and Quantity:</b>		Building 1 : 20 m3 Building 2: 30 m3								
	<b>Location of the RWH tank(s):</b>		South Side of the Plot								
	<b>Quantity of recharge pits:</b>		Two ring wells								
	<b>Size of recharge pits :</b>		Size 1.5 m dia and 7 m depth								
	<b>Budgetary allocation (Capital cost) :</b>		1500000								
	<b>Budgetary allocation (O &amp; M cost) :</b>		250000								
	<b>Details of UGT tanks if any :</b>		Building 2: Domestic UGT capacity : 71,000 liters Flushing UGT capacity: 40,000 liters Firefighting UGT capacity : 3,50,000 liters								
<b>35. Storm water drainage</b>	<b>Natural water drainage pattern:</b>		East to West								
	<b>Quantity of storm water:</b>		0.215 m3/sec								
	<b>Size of SWD:</b>		Internal: 300 mm, External Gutter: 600 mm x 700 mm								
<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>		Building 1: 57 m3/day, Building 2: 86 m3/day								
	<b>STP technology:</b>		MBBR								
	<b>Capacity of STP (CMD):</b>		Three STP's, Building 1: 22 cum/day and 35 cum/day, Building 2: 86 cum/day								
	<b>Location &amp; area of the STP:</b>		Area: 149.08 sqm								
	<b>Budgetary allocation (Capital cost):</b>		8500000								
	<b>Budgetary allocation (O &amp; M cost):</b>		800000								
<b>36. Solid waste Management</b>											
<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>		from labors: 45 kg/day								
	<b>Disposal of the construction waste debris:</b>		Construction waste is used in leveling site and labor waste is through authorized vendor								
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>		160 kg/day								
	<b>Wet waste:</b>		254 kg/day								
	<b>Hazardous waste:</b>		NA								
	<b>Biomedical waste (If applicable):</b>		66 kg/day								
	<b>STP Sludge (Dry sludge):</b>		25 kg/day								
	<b>Others if any:</b>		NA								
 (Dr. B. N. Patil) Member Secretary SEAC (MMR) <b>DR. B.N.Patil (Secretary SEAC-II)</b>			<b>SEAC Meeting No: 54 Meeting Date: July 6, 2017</b>				<b>Page 45 of 67</b>		 <b>Johny Joseph</b> <b>Shri. Johny Joseph (Chairman SEAC-II)</b>		

<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Through authorized vendor
	<b>Wet waste:</b>	Through organic west converter
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	Through authorized vendor
	<b>STP Sludge (Dry sludge):</b>	Landscaping
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	On west side of plot
	<b>Area for the storage of waste &amp; other material:</b>	25 sqm
	<b>Area for machinery:</b>	15 sqm
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	1000000
	<b>O &amp; M cost:</b>	250000

### 37. Effluent Charecterestics

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

### 38. Hazardous Waste Details

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

### 39. Stacks emission Details

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

### 40. Details of Fuel to be used

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

41. Source of Fuel Not applicable

42. Mode of Transportation of fuel to site Not applicable

<b>43.Green Belt Development</b>	<b>Total RG area :</b>	440 sqm
	<b>No of trees to be cut :</b>	NA
	<b>Number of trees to be planted :</b>	40
	<b>List of proposed native trees :</b>	As below
	<b>Timeline for completion of plantation :</b>	2 months after project completion

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	CASSIA FISTULA	BAHAWA	6	Flowering , Medium sized deciduous tree
2	PUTRANJIVA ROXBURBHI	PUTRANJIVA	4	Medium sized evergreen tree
3	LAGERSTROEMIA FLOSREGINEAE	TAMHAN	3	Flowering tree, Medium sized, Indigenous tree
4	MICHELIA CHAMPACA	SONCHAPHA	3	It is best known for its strongly fragrant yellow or white flowers. It is, however, primarily cultivated for its timber, and is also used in urban landscaping. Its aril-covered seeds are highly attractive to birds.
5	AZARDIRACHTA INDICA	NEEM	3	Avenues roadsides for shade, ornamental use, used as windbreak, purifies air
6	MIMUSOPS ELENGI	BAKUL	5	medium-sized evergreen tree
7	MURRAYA PANICULATA	KUNTI	5	tropical, evergreen plant native to Asia
8	MAGNIFERA INDICA	MANGO	3	large evergreen tree
9	PONGAMIA PINNATA	KARANJ	4	Millettia pinnata is a species of tree in the pea family, Fabaceae, native in tropical and temperate Asia
10	SARACA ASOCA	SITA ASHOK	4	Saraca asoca is a plant belonging to the Caesalpinioideae subfamily of the legume family. It is an important tree in the cultural traditions of the Indian subcontinent

#### 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
	<b>During Construction Phase: (Demand Load)</b>	200 KW
	<b>DG set as Power back-up during construction phase</b>	250 KVA
	<b>During Operation phase (Connected load):</b>	4868.94 KW
	<b>During Operation phase (Demand load):</b>	2102.08 KW
	<b>Transformer:</b>	As per the requirement
	<b>DG set as Power back-up during operation phase:</b>	500 KVA + 400 KVA
	<b>Fuel used:</b>	130.5 Ltr/Hr @ 500 KVA, 107.5 Ltr/Hr @ 400 KVA
	<b>Details of high tension line passing through the plot if any:</b>	NA

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

Power consumed using the conventional method: 1466.16 KW  
Power consumed incorporating energy saving methods: 1228.45 KW  
% saving : 16.21%

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

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV panels for external lighting	100%
2	VFD control for lift	20%
3	Water pump motors with sensors	20%
4	LED light for common area	24.1%
5	internal LED lighting	61.5%
6	Solar water heater	26.9%

#### 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>	5000000
	<b>O &amp; M cost:</b>	150000


#### 51. Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for dust suspension	Wind	1.0
2	Site Sanitation, Disinfection & Safety	Sanitation	2.0
3	Environmental Monitoring	Monitoring of Air, water, noise environment	0.3
4	Health check up	NA	2.0

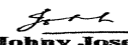
##### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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1	Waste water	Sewage treatment plant	8500000	800000
2	Solid Waste	Organic waste converter	1000000	250000
3	Green Belt development	Green Belt development	700000	200000
4	Rain water harvesting	Rain water harvesting	1500000	250000
5	Environmental monitoring	Monitoring of Air, water, noise environment	NA	150000
6	Solar water System	Solar water System	5000000	150000

### 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

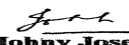
### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Two
Parking details:	Number and area of basement:	Two basement with area of 1876.94 each
	Number and area of podia:	Five podiums
	Total Parking area:	8111.33 m <sup>2</sup>
	Area per car:	12.5 m <sup>2</sup>
	Area per car:	12.5 m <sup>2</sup>
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	256
	Public Transport:	Mumbai central railway station 800 m from Project site
	Width of all Internal roads (m):	4.5 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a), B2
	Court cases pending if any	NA

  
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 Member, Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**


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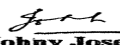
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-
<b>Brief information of the project by SEAC</b>		
<p>PP, Mr. Maaz Shaikh &amp; Architect Mr. Dalavi were present during the meeting along with environmental consultant M/s. MITCON Consultancy &amp; Engineering Services Ltd.</p> <p>PP informed that, the proposal was considered in 52<sup>nd</sup> meeting, 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 &amp; plans submitted are taken on the record.</p>		
<b>DECISION OF SEAC</b>		
<p><i>After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of following points.</i></p> <p><b>Specific Conditions by SEAC:</b></p> <p>1) PP to revise the evacuation plan submitted as compliance point and get it vetted through reputed expert institute. Also PP to calculate evacuation time for cars at pick hour and submit the same. Rest of the compliance points were found satisfactory.</p>		
<b>FINAL RECOMMENDATION</b>		
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions		

SEAC-AGENDA-0000000019

  
(Dr. B. N. Patil)  
Member Secretary  
SEAC (MMR)  
**DR. B.N.Patil (Secretary  
SEAC-II)**

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## 54th SEAC-II Meeting Day-4 (6/7/2017)

**SEAC Meeting number: 54 Meeting Date July 6, 2017**

**Subject:** Environment Clearance for "CELESTE" Proposed Expansion of Residential cum Commercial Project at S No. / H. No. 110/1 (PT), 224/1A (PT), 224/1B (PT), 26/7 (PT), 26/8(PT) at Village Ghodbunder, Thane Proposed by SPH Agro Farms & Estates Pvt. Ltd. & JP Infra Mumbai Pvt. Ltd. (Joint Venture)

### General Information:


1.Name of Project	"CELESTE" Proposed Expansion of Residential cum Commercial Project .
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sadanand Hajare SPH Agro Farms & Estates Pvt. Ltd. & JP Infra Mumbai Pvt. Ltd. 301, 3rd flr Arvind chamber, Sai service compound, 194, Western Express Highway, Near Natraj Studio Andheri East Mumbai- 400069.
4.Name of Consultant	Mr. H.K. Desai Enviro Analysts & Engineers Pvt. Ltd.,B-1003, Enviro House Western Edge II, Behind Metro Mall Western Express Highway Borivali (E), Mumbai-400066
5.Type of project	Residential cum Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC dated 31-03-2015 (SEAC-2014/CR-183/TC-1)
8.Location of the project	At S No. / H. No. 110/1 (PT), 224/1A (PT), 224/1B (PT), 26/7 (PT), 26/8(PT) at Village Ghodbunder, Thane
9.Taluka	Thane
10.Village	Ghodbunder
11.Area of the project	Mira Bhayander Municipal Corporation (MBMC)
12.IOD/IOA/Concession/Plan Approval Number	CC recieved by MBMC <b>IOD/IOA/Concession/Plan Approval Number: J.K/MB/MC/NR/4545/2016-17</b> <b>Approved Built-up Area: 15558.63</b>
13.Note on the initiated work (If applicable)	Constructed FSI AREA = 7487.14 sq.m. Constructed Non FSI Area= 4882.87 sq.m. Total constructed area = 12370.01 Sq.m. EC dated 31-03-2015 (SEAC-2014/CR-183/TC-1)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	IOD for MBMC No. J.K/MB/MC/NR/4545/2016-17
15.Total Plot Area (sq. m.)	11500.60
16.Deductions	2570.13
17.Net Plot area	8930.47
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15558.63 b) Non FSI area (sq. m.): 16673.69 c) Total BUA area (sq. m.): 32232.32
19.Total ground coverage (m2)	2727.62
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	30.00
21.Estimated cost of the project	680000000

### 22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A1, A2	G/ST + 15	48.0
2	Wing B	G/ST + 15	48.0
3	Wing C 1, C2	G/ST + 15	48.0
4	Parking Structures (separate from Bldgs.)	St + 2 Podium	5.8
5	Club House	G +1	8.87
6	Multipurpose Amenity Hall	G +2	13.05

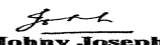
23.Number of tenants and shops	No. of Tenements (in Nos.)=320 No. of Shops (in Nos.)= 37 Commercial Building D ( In sq.m.)=614.97 sq.m.
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24.Number of expected residents / users	Residential = 1600 ,Shops=74, Commercial = 188 ,Total = 1862
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DR. B.N.Patil (Secretary SEAC-II)

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25.Tenant density per hectare	352 /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))	18.00 m wide D.P road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	Wing A to C constructed on site up to 7 floors
30.Details of the demolition with disposal (If applicable)	Not applicable

### 31.Production Details

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

### 32.Total Water Requirement

Dry season:	Source of water	MBMC/ treated water from STP
	Fresh water (CMD):	149
	Recycled water - Flushing (CMD):	78
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	242
	Fire fighting - Underground water tank(CMD):	300 cum
	Fire fighting - Overhead water tank(CMD):	25 cum
	Excess treated water	104

Wet season:	Source of water	MBMC/ treated water from STP/RWH Tank								
	Fresh water (CMD):	149								
	Recycled water - Flushing (CMD):	78								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	5								
	Total Water Requirement (CMD) :	232								
	Fire fighting - Underground water tank(CMD):	300 cum								
	Fire fighting - Overhead water tank(CMD):	25 cum								
Excess treated water	114									
Details of Swimming pool (If any)	swimming pool make up water = 5 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	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3 m								
	Size and no of RWH tank(s) and Quantity:	Nil								
	Location of the RWH tank(s):	NA								
	Quantity of recharge pits:	We have proposed ring well of 8 Nos								
	Size of recharge pits :	1.2M Dia and 8M Depth								
	Budgetary allocation (Capital cost) :	Rs. 4.0 Lakhs								
	Budgetary allocation (O & M cost) :	Rs. 0.8 Lakhs								
	Details of UGT tanks if any :	Particulars Capacity (CUM) Domestic Water Tank 150 Flushing Water Tank 80 Fire Water Tank UG =300 cum OH = 25 cum Rain Water Harvesting Tank 60 Location of tank Ground level								
35.Storm water drainage	Natural water drainage pattern:	will be Maintained								
	Quantity of storm water:	Actual design discharge = 0.21 m3/s Total design discharge= 0.27 m3/s								
	Size of SWD:	600 mm dia								


<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	214 KLD
	<b>STP technology:</b>	MBBR Technology
	<b>Capacity of STP (CMD):</b>	235 KLD
	<b>Location &amp; area of the STP:</b>	at Ground level
	<b>Budgetary allocation (Capital cost):</b>	Rs.40.0 Lakhs
	<b>Budgetary allocation (O &amp; M cost):</b>	Rs. 10.00 Lakhs

### 36.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Debris has been disposed of by covered trucks to the authorized sites with the permission of local body.
	<b>Disposal of the construction waste debris:</b>	Debris will be used for backfilling and counter weight of raft, road works, etc. Brickbats will be used for waterproofing. Reinforcement will be sent for reuse Nominal surplus construction debris shall be disposed of by covered trucks to the authorized sites with the permission of local body.
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	366
	<b>Wet waste:</b>	500
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	11
	<b>Others if any:</b>	No
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	To be managed through recyclers
	<b>Wet waste:</b>	To be processed in the Organic Waste Converter and manure so obtained will be used for landscaping.
	<b>Hazardous waste:</b>	NIL
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	To be used as manure.
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	at ground level
	<b>Area for the storage of waste &amp; other material:</b>	50 sq.m.
	<b>Area for machinery:</b>	2.78 sq.m.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	Rs.10.0 Lakhs
	<b>O &amp; M cost:</b>	Rs.3.00 Lakhs

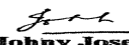
### 37.Effluent Charecteristics

Serial Number	Parameters	Unit	Inlet Effluent Charecteristics	Outlet Effluent Charecteristics	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			

  
 (Dr. B.N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

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 Shri. Johny Joseph  
 (Chairman SEAC-II)

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>		Total RG area :	1820.32 sq.m. (20%)				
		No of trees to be cut :	NIL				
		Number of trees to be planted :	124				
		List of proposed native trees :	as below				
		Timeline for completion of plantation :	At the end of construction phase				
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Alstonia scholaris	Saptaparna	15	shaddy			
2	Mimusops elengi	Spanish Cherry	10	fruit bearing			
3	Cassia fistula	Golden Shower	12	flowering			
4	Jacaranda mimosifolia	Blue Jacaranda	10	shaddy			
5	Delonix regia	Gulmohar	12	flowering			
6	Terminalia mantaly	Madagascar almond	10	edible fruits			
7	Saraca indica	Ashoka	12	shady			
8	Tabebuia argentea	Silver Trumplet Tree	11	shady			
9	Roystonea regia	Royal Palm	10	ornamental			
10	Bauhinia blakeana	Orchid Tree	10	ornamental			
11	Bauhinia purpurea	Butterfly Tree	12	ornamental			
45.Total quantity of plants on ground							
46.Number and list of shrubs and bushes species to be planted in the podium RG:							
Serial Number	Name	C/C Distance	Area m2				
1	not applicable	not applicable	not applicable				
47.Energy							

<b>Power requirement:</b>	<b>Source of power supply :</b>	Reliance energy
	<b>During Construction Phase: (Demand Load)</b>	100 KW
	<b>DG set as Power back-up during construction phase</b>	100 KVA
	<b>During Operation phase (Connected load):</b>	2239.00 KW
	<b>During Operation phase (Demand load):</b>	1075.80 KW
	<b>Transformer:</b>	NIL
	<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:

1. CFL/LED Lights
2. T5 lights
3. solar hot water system
4. common area lighting

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

Serial Number	Energy Conservation Measures	Saving %
1	as above	12.16%

#### 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 67.50 lakhs
	<b>O &amp; M cost:</b>	Rs.3.0lakhs


#### 51. Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air ENVIRONMENT	dust suppression	1.0
2	Land Environment	Sanitary facility and waste water management	1.5
3	Environmental Monitoring	For Air, Noise, Water Analysis	3.0
4	EHS	Health, Safety and first Aid facility	2.00

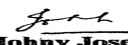
##### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	water environment	Rain Water Harvesting	4.00	0.8
2	solid waste	MSW	10.0	3.0
3	waste water management	STP	40.0	10.0
4	Energy Saving	Energy Conservation	67.50	3.00

  
 (Dr. B.N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary SEAC-II)**

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5	Land Environment	Landscaping	5.0	1.0
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### 51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

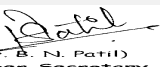
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 52.Any Other Information

No Information Available

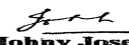
### 53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	18.00 mtr wide DP road. Parking details:
Parking details:	Number and area of basement:	nil
	Number and area of podia:	G+2. , 5487 .05 sq.m.
	Total Parking area:	2263.35.00 sq.m.
	Area per car:	30.00 sq.m.
	Area per car:	30.00 sq.m.
	Number of 2-Wheelers as approved by competent authority:	Nil
	Number of 4-Wheelers as approved by competent authority:	197 no
	Public Transport:	NA
	Width of all Internal roads (m):	6m wide internal roads
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park = 0.51 km
	Category as per schedule of EIA Notification sheet	Schedule 8a, Category B 2
	Court cases pending if any	Nil
	Other Relevant Informations	Sr. No. Particulars1. The earlier Environmental clearance granted by SEIAA vide No. (SEAC-2014/CR-183/TC-1) dated 31-03-2015. (Total built up area - 21,917.85 Sq.m)2. Online Application to SEAC for Amendment in Environment Clearance is submitted on 10/10/2016. (for Total built up area - 32,232.32 Sq.m) 3. The tenure of SEAC, Maharashtra were over. There was no constituted SEIAA or SEAC for the state of Maharashtra.4. The proposal was considered in the 12th EAC meeting held on 28/12/2016 and recommended with compliance (deferred till the desired information is submitted). 5. Site Visit of MoEF&CC, Regional Officer, Nagpur done on 19/01/2017.6. Reply of 12th EAC meeting submitted on 17/02/2017.7. Certificate from RO Regional Office Nagpur received on 10/04/2017.8. Certificate with details document online submitted to MoEF&CC on 11/04/2017.

  
 (Dr. B. N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary  
 SEAC-II)**

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	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	10-10-2016

### Brief information of the project by SEAC

PP, Mr. Abhishek khetan & Architect Mr. Rajesh Khandelwal were present during the meeting along with environmental consultant M/s Mr. H.K. Desai Enviro Analysts & Engineers Pvt. Ltd

PP informed that, the project is Residential cum Commercial Project & proposed project is expansion project by addition of 2 No of floors on each of 3 Wings as per earlier EC and new commencement of Wing D. The earlier EC was obtained on 31-03-2015. 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.

PP stated that, total plot area is 11500.60 Sq. m. & after deduction net plot area is of 8930.47 Sq. m comprising total built up area (FSI- 15558.63 + Non FSI- 16673.69) is 32232.32 Sq. m. further to this, PP informed that they have constructed total built up area of 12370.01 Sq.m. as per earlier EC. 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.

### DECISION OF SEAC

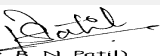
***In view of above, the proposal is deferred and shall be considered further after the compliance of following observations submitted for reconsideration***

**Specific Conditions by SEAC:**

- 1) PP to upload the plans presented during the meeting
- 2) PP to submit & upload Structural stability report for proposed expansion.
- 3) PP as stated, to design STP to achieve BOD- 10 mg/lit & SS 10 mg/lit.
- 4) Renewable energy component should be increased up to 10% from 7%.
- 5) PP to provide clear fire tender access by shifting clubhouse to other location & upload the revised plan.
- 6) PP to revise the Environment Management & Monitoring Plan (EMP). PP to ensure that the EMP should be project specific & quantitative.

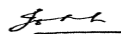
### FINAL RECOMMENDATION

SEAC-II decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

  
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**54th SEAC-II Meeting Day-4 (6/7/2017)****SEAC Meeting number: 54 Meeting Date July 6, 2017****Subject:** Environment Clearance for PROPOSED RESIDENTIAL BUILDING PROJECT**General Information:**

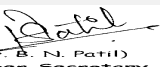
1.Name of Project	UK IRIDIUM
2.Type of institution	Private
3.Name of Project Proponent	M/s. Damodar Suruchi Developers
4.Name of Consultant	AQURA Enviro Project Private Limited
5.Type of project	SRA scheme - Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	NEW
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing C. T. S. No. 163-A (pt), of village Akurli, Situated at Hanuman Nagar, Akurli Road, Kandivali East, Mumbai 400101.
9.Taluka	KANDIVALI
10.Village	AKURLI
11.Area of the project	MUNICIPAL CORPORATION OF GREATER MUMBAI (M. C. G. M)
12.IOD/IOA/Concession/Plan Approval Number	LOI: SRA/ENG/1294/RS/MHL/LOI Dated: 30.05.2016
	<b>IOD/IOA/Concession/Plan Approval Number:</b> LOI: SRA/ENG/1294/RS/MHL/LOI Dated: 30.05.2016
	<b>Approved Built-up Area:</b> 63695.26
13.Note on the initiated work (If applicable)	NOT APPLICABLE
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI: SRA/ENG/1294/RS/MHL/LOI Dated: 30.05.2016
15.Total Plot Area (sq. m.)	13508.50 Sq. m.
16.Deductions	D.P road : 1745.80 Sq. m., Any other Reservation: 3503.50 Sq. m., R.G Area : 686.21 Sq. m.
17.Net Plot area	8259.20 Sq. m.
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 63695.26
	b) Non FSI area (sq. m.): 44986.13
	c) Total BUA area (sq. m.): 74023.34
19.Total ground coverage (m2)	848.61 Sq.Mt
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	48.53%
21.Estimated cost of the project	500000000

**22.Number of buildings & its configuration**

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Building	Ground + 1st to 23rd upper Floors	69.90 m (up to terrace level)
2	Sale Building (Wing A)	Ground + 1st to 4th Podium + 1 to 33 Upper Floors.	118.80 m (up to terrace level)
3	Sale Building (Wing B)	Ground + 1st to 4th Podium + 1 to 34 (PT) Upper Floors.	120.80 m (up to terrace level)
4	Sale Building (Wing C, D, E & F)	Ground + 1st to 4th Podium + 1 to 17 Upper Floors	69.70 m (up to terrace level)

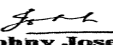
23.Number of tenants and shops	Rehab Flats: 717 Nos., Welfare Center: 7 Nos. Balwadi: 7 Nos. Society Office: 1 No. Rehab Shops: 40 Nos. Sale Flats: 907 Nos. Sale Shops: 21 Nos. Society Office: 1 No. Office: 20 Nos. Gym: 1 No.
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24.Number of expected residents / users	Rehab Flats: 3634 Nos., Sale Flats: 4550 Nos. Rehab Shops/Office: 80 Nos., Sale Shops/Office: 82 Nos. Total: 8346 Nos.
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 SEAC (MMR)  
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25.Tenant density per hectare	720
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.00 m wide D.P. road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6.00 M
29.Existing structure (s) if any	The plot is having shed structures on site.
30.Details of the demolition with disposal (If applicable)	Temple & Shed Structure

### 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):	739
	Recycled water - Flushing (CMD):	369
	Recycled water - Gardening (CMD):	3.42
	Swimming pool make up (Cum):	Not Applicable
	Total Water Requirement (CMD) :	1110
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	50
	Excess treated water	315

Wet season:	Source of water	MCGM								
	Fresh water (CMD):	739								
	Recycled water - Flushing (CMD):	369								
	Recycled water - Gardening (CMD):	3.42								
	Swimming pool make up (Cum):	Not Applicable								
	Total Water Requirement (CMD) :	1110								
	Fire fighting - Underground water tank(CMD):	200								
	Fire fighting - Overhead water tank(CMD):	50								
Excess treated water	312									
Details of Swimming pool (If any)	Not Applicable									
<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	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3.0 m								
	Size and no of RWH tank(s) and Quantity:	Capacity of tank Rehab : 97000 cum. -1 Nos Capacity of tank Sale : 145000 cum. -1 Nos Or 1 Nos of Bore well in Each Building								
	Location of the RWH tank(s):	Below Ground								
	Quantity of recharge pits:	Not Applicable								
	Size of recharge pits :	Not Applicable								
	Budgetary allocation (Capital cost) :	24 Lacs								
	Budgetary allocation (O & M cost) :	2.4 Lacs/year								
	Details of UGT tanks if any :	UNDERGROUND TANK Domestic Water Tank: REHAB: 215 CUM SALE: 164 CUM Flushing Water Tank: REHAB: 103 CUM SALE: 87 CUM								
35.Storm water drainage	Natural water drainage pattern:	Storm Water drains (SWD) are laid at a slope of 1: 250 to the municipal storm water line.								
	Quantity of storm water:	0.17 cum/sec								
	Size of SWD:	Size of SWD 450mm Wide with 450 mm depth								


<b>Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	943
	<b>STP technology:</b>	MBBR
	<b>Capacity of STP (CMD):</b>	2 Nos. Rehab STP: 425 kld & Sale STP: 530 KLD
	<b>Location &amp; area of the STP:</b>	Below Ground 2 Nos. Rehab STP: 75.66 Sq.m. & Sale STP: 58.31 Sq.m.
	<b>Budgetary allocation (Capital cost):</b>	75 Lacs
	<b>Budgetary allocation (O &amp; M cost):</b>	7.5 Lacs/Year

### 36. Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Construction waste - 3750 Cubic meter For Rehab & 4980 Cubic Meter Soil 50 % Will be used in backfilling & remaining will be disposed As per MCGM Guidelines
	<b>Disposal of the construction waste debris:</b>	As per Debris management plan of MCGM
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	REHAB: 741 KG/DAY SALE: 924 KG/DAY
	<b>Wet waste:</b>	REHAB: 1096 KG/DAY SALE: 1371 KG/DAY
	<b>Hazardous waste:</b>	NOT APPLICABLE
	<b>Biomedical waste (If applicable):</b>	NOT APPLICABLE
	<b>STP Sludge (Dry sludge):</b>	REHAB: 42 KG/DAY SALE: 53 KG/DAY
	<b>Others if any:</b>	NOT APPLICABLE
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Wet and dry garbage will be segregated. 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 MCGM landfill sites.
	<b>Wet waste:</b>	Wet garbage will be treated on site and will be used as manure.
	<b>Hazardous waste:</b>	NOT APPLICABLE
	<b>Biomedical waste (If applicable):</b>	NOT APPLICABLE
	<b>STP Sludge (Dry sludge):</b>	Manure
	<b>Others if any:</b>	NOT APPLICABLE
<b>Area requirement:</b>	<b>Location(s):</b>	On Ground
	<b>Area for the storage of waste &amp; other material:</b>	120 Sq.m.
	<b>Area for machinery:</b>	10 Sq.M.
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	30 Lacs
	<b>O &amp; M cost:</b>	12 Lacs/Year

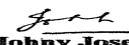
### 37. Effluent Charecteristics

Serial Number	Parameters	Unit	Inlet Effluent Charecteristics	Outlet Effluent Charecteristics	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			

  
 (Dr. B. N. Patil)  
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Disposal of the ETP sludge		Not applicable					
<b>38.Hazardous Waste Details</b>							
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
<b>39.Stacks emission Details</b>							
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	
<b>40.Details of Fuel to be used</b>							
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>	PG Area: 3503 sq. mtr.				
		<b>No of trees to be cut :</b>	17				
		<b>Number of trees to be planted :</b>	Proposed 26; Existing 26: TOTAL Trees: 67 Nos.				
		<b>List of proposed native trees :</b>	Azadirachta indica and Saraca asoka				
		<b>Timeline for completion of plantation :</b>	AT 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	Azadirachta Indica	Neem	20	Medicinal Tree			
2	Saraca asoka	Sita Ashok	21	Shady 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>	Reliance
	<b>During Construction Phase: (Demand Load)</b>	100 KW
	<b>DG set as Power back-up during construction phase</b>	NA
	<b>During Operation phase (Connected load):</b>	REHAB: Connected demand: 3043 KW, SALE: Connected demand: 4794 KW
	<b>During Operation phase (Demand load):</b>	REHAB: Maximum demand: 1595.KW, SALE: Maximum demand: 2890.KW
	<b>Transformer:</b>	REHAB: 2500 KVA, SALE: 4500 KVA
	<b>DG set as Power back-up during operation phase:</b>	425 KVA (1 Nos.) Rehab, 2150 KVA (1 Nos.) Sale
	<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 saving by non-conventional method: 25%  
5% By Solar & 20 % By Others

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

Serial Number	Energy Conservation Measures	Saving %
1	Air conditioning Equipment's efficiency within specified limits	All Air conditioning systems shall be BEE 5 star ratings.
2	Electric water heating shall meet performance efficiency level as per IS2082	All Water heating systems shall be BEE 5 star ratings.
3	Exterior lighting to be within specified limits	100% lighting including for Landscape & garden shall be kept on solar system. 22% lighting of Parking area at Stilt & Podium shall be kept on Solar system 3) Also other Lights provided on Energy saving luminaries like LED instead of metal halide lamps. 4) Provided with Time switch to be kept operational only during night mode
4	Exterior lighting to be within specified limits	22% lighting of Parking area at Stilt & Podium shall be kept on Solar system
5	Exterior lighting to be within specified limits	Also other Lights provided on Energy saving luminaries like LED instead of metal halide lamps.
6	Exterior lighting to be within specified limits	Provided with Time switch to be kept operational only during night mode
7	Interior lighting power to be with in specified limits	1) For Parking/staircases the lighting power Density shall be 0.2 W/sq.ft. by using T5 lights instead of incandescent .
8	Interior lighting power to be with in specified limits	2) For Lobby, use of LED would ensure power density of less than 1.3w/sq.ft.
9	Energy efficient motors	All Lifts, shall run on VVVF drives which results in 5-10% energy saving. Compliance as per IS 12615.
10	Energy efficient motors	All motors shall be of class 1 category that would give better efficiency & less losses
11	Lifts with Regenerative system	Using Regenerative Type Lift system that would result in 20% energy saving compared to conventional lifts.

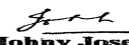
#### 50. Details of pollution control Systems

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

  
DR. B.N. Patil (Secretary SEAC-II)

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<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	133 Lacs					
	<b>O &amp; M cost:</b>	10 Lacs					
<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	WATER	Drinking Water	1.7				
2	EHS	Sanitation	3.5				
3	EHS	Health Check	3.5				
4	AIR	Water for dust suppression	1.0				
5	Environmental Monitoring	Environmental Monitoring	500000				
<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	Water Environment	STP & Sewerage network	75	7.5			
2	Water Environment	RWH System	24	2.4			
3	Solid Waste Management	OWC & CURING SYSTEM	30	12			
4	Land Environment	Landscaping	1	0.25			
<b>51.Storage of chemicals (inflammable/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>	NONE					

<b>Parking details:</b>	<b>Number and area of basement:</b>	NA
	<b>Number and area of podia:</b>	19755.84 Sq .Mt (4 nos. of podium)
	<b>Total Parking area:</b>	24693.80 SQ. m.
	<b>Area per car:</b>	48 SQ. m.
	<b>Area per car:</b>	48 SQ. m.
	<b>Number of 2-Wheelers as approved by competent authority:</b>	NONE
	<b>Number of 4-Wheelers as approved by competent authority:</b>	513
	<b>Public Transport:</b>	NA
	<b>Width of all Internal roads (m):</b>	6
	<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>	8(b)
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	02-03-2017

### Brief information of the project by SEAC

PP, Mr. Prabhas Bhansal was present during the meeting along with environmental consultant M/s AQURA Enviro Project Private Limited.

PP informed that, total plot area is 13508.50 Sq. m. comprising total built up area (FSI- 63695.26. Sq. m. +Non FSI- 9,825.57 Sq. m) is 74023.34 Sq. 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, form 1, 1A, presentation & plans submitted are taken on the record.

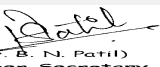
### DECISION OF SEAC

***In view of above, the proposal is deferred and shall be considered afresh after the compliance of following observations submitted for reconsideration.***

#### **Specific Conditions by SEAC:**

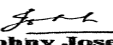
- 1) PP to upload all the approved plans & documents on web portal.
- 2) Instead of stack parking PP to plan alternative means of parking.
- 3) PP to submit HRC NOC
- 4) PP stated that plans with 4 FSI yet to be approved by SRA. PP to submit the copy of the plans with acknowledgement copy.
- 5) PP to superimpose project layout with DP sheet and also indicate access road & other reservations
- 6) PP to submit afresh entire project in next meeting.

### FINAL RECOMMENDATION

  
 (Dr. B. N. Patil)  
 Member Secretary  
 SEAC (MMR)  
**DR. B.N.Patil (Secretary  
 SEAC-II)**

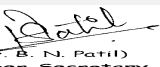
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 2017**

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**Johnny Joseph**  
**Shri. Johnny Joseph  
 (Chairman SEAC-II)**

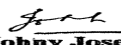
SEAC-II decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

SEAC-AGENDA-000000000019

  
(Dr. B. N. Patil)  
Member Secretary  
SEAC (MMR)  
**DR. B.N.Patil (Secretary  
SEAC-II)**

**SEAC Meeting No: 54 Meeting Date: July 6,  
2017**

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**Johnny Joseph**  
**Shri. Johnny Joseph  
(Chairman SEAC-II)**