
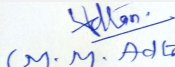


Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)**SEAC Meeting number: 103 Meeting Date June 21, 2019****Subject:** Environment Clearance for Residential cum Commercial Project at Plot 20/2, of Village - Kashi Gaon, Tal. & Dist. Thane by M/s. Sonam Homes Pvt. Ltd.**Is a Violation Case:** No

1.Name of Project	Environmental Clearance for Residential cum Commercial Project at Plot 20/2, of Village - Kashi Gaon, Tal. & Dist. Thane by M/s. Sonam Homes Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	M/s. Sonam Homes Pvt. Ltd.
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot No. 20/2
9.Taluka	Thane
10.Village	Kashi Gaon
Correspondence Name:	Mr. Sandesh Mahadev Sawant
Room Number:	-
Floor:	1st Floor
Building Name:	Mithalal Jain Bungalow
Road/Street Name:	100 Feet Road
Locality:	New Golden Nest Phase-XIII, Opp. Hanuman Mandir, Bhayandar (E) Dist. Thane 401105.
City:	Bhayandar (E)
11.Whether in Corporation / Municipal / other area	MBMC
12.IOD/IOA/Concession/Plan Approval Number	Approved IOD/IOA/Concession/Plan Approval Number: MB/MC/NR/6064/2018-19 Dated 10/01/2019 Approved Built-up Area: 14640.24
13.Note on the initiated work (If applicable)	-
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	8790.64 sqm
16.Deductions	279.20 sqm (Road Setback area and Encroachment area)
17.Net Plot area	8511.44 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 14640.24 b) Non FSI area (sq. m.): 12353.23 c) Total BUA area (sq. m.): 26993.47
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 14640.24 Approved Non FSI area (sq. m.): 12353.23 Date of Approval: 10-01-2019
19.Total ground coverage (m2)	4916.28 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.76 %
21.Estimated cost of the project	1238671900


22.Number of buildings & its configuration
Mr. Surykant Nikam
(Secretary SEAC-II)**SEAC Meeting No: 103 Meeting Date: June 21, 2019****Page 1 of 102**
(M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building 1	Stilt + Podium + 20 Upper Floors	69.60 m	
2	Building 2	Stilt + Podium + 20 Upper Floors	69.60 m	
3	Commercial Building	Ground Floor + 1 Upper Floor	8.75 m	
23.Number of tenants and shops		Tenements: 228 no's Shops: 7 no's		
24.Number of expected residents / users		1205 no's		
25.Tenant density per hectare		274		
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 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		Turning radius for easy access of fire tender movement from all around the building 7.5 m		
29.Existing structure (s) if any		Not applicable		
30.Details of the demolition with disposal (If applicable)		Not applicable		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				



Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 2 of 102

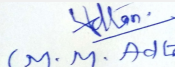

 (M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)


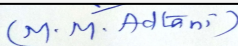
Dry season:	Source of water		MBMC, Recycled water from STP and RWH						
	Fresh water (CMD):		107						
	Recycled water - Flushing (CMD):		53						
	Recycled water - Gardening (CMD):		12						
	Swimming pool make up (Cum):		2						
	Total Water Requirement (CMD) :		172						
	Fire fighting - Underground water tank(CMD):		400						
	Fire fighting - Overhead water tank(CMD):		20						
	Excess treated water		60 KLD						
Wet season:	Source of water		MBMC, Recycled water from STP						
	Fresh water (CMD):		107						
	Recycled water - Flushing (CMD):		53						
	Recycled water - Gardening (CMD):		0						
	Swimming pool make up (Cum):		2						
	Total Water Requirement (CMD) :		160						
	Fire fighting - Underground water tank(CMD):		400						
	Fire fighting - Overhead water tank(CMD):		20						
	Excess treated water		72 KLD						
Details of Swimming pool (If any)			No. of Swimming Pool: 1 no Dimension of Swimming Pool: 19 m × 7 m × 1.2 m Depth Baby Pool Size: Dia. 3.5 m × 0.6 m depth						
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


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 3 of 102


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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	1.5 m to 1.59 m
	Size and no of RWH tank(s) and Quantity:	No. of RWH Tanks: 2 no's. and Total capacity of RWH Tank: 88 cum
	Location of the RWH tank(s):	Underground Water Tanks
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Rs. 17.60 lakh
	Budgetary allocation (O & M cost) :	Rs. 1.76 lakh
	Details of UGT tanks if any :	Domestic water tanks: 3 no's of tanks having a total capacity of 106 cum. Flushing water tanks: 3 no's of tanks having a total capacity of 54 cum. Firefighting water tanks: 2 no's of tanks having a total capacity of 400 cum RWH tanks: 2 no's of tanks having a total capacity of 88 cum.
35.Storm water drainage	Natural water drainage pattern:	Connecting with main SWD Channel of the plot
	Quantity of storm water:	0.251 cubic meter per sec
	Size of SWD:	Width of 600 mm and Depth of 570 mm area provided
Sewage and Waste water	Sewage generation in KLD:	144
	STP technology:	MBBR
	Capacity of STP (CMD):	No. of STP: 1 and total capacity of 160 KLD
	Location & area of the STP:	Location of STP: Ground Level and Area of STP: 170 sqm
	Budgetary allocation (Capital cost):	Rs. 25.50 lakh
	Budgetary allocation (O & M cost):	Rs. 5.0 lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Recyclable waste will be generated like empty cement bags, scrap material etc. Debris and construction waste shall be generated.
	Disposal of the construction waste debris:	Top soil to be been preserved for landscaping, Scrap material and other recyclable material like empty cement bags and empty paint cans to be sold to recyclers. Broken Tiles to be used as china mosaic for terrace.
Waste generation in the operation Phase:	Dry waste:	355 Kg per day
	Wet waste:	239 kg per day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	7 kg per day
	Others if any:	Not applicable
 Mr. Surykant Nikam (Secretary SEAC-II)		SEAC Meeting No: 103 Meeting Date: June 21, 2019
		Page 4 of 102
		 Shri M.M.Adtani (Chairman SEAC-II)

Mode of Disposal of waste:	Dry waste:	Will be hand over to Local Recyclers for recycling.
	Wet waste:	Will be processed in the OWC. Manure obtained shall be used for landscaping and excess manure shall be sold to nearby end users.
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	Not applicable
Area requirement:	Location(s):	Ground Level
	Area for the storage of waste & other material:	31 sqm
	Area for machinery:	5 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 6.0 Lakh
	O & M cost:	Rs. 1.90 Lakh

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

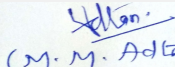
40.Details of Fuel to be used

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		



Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 5 of 102

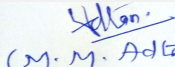

Shri M.M.Adtani (Chairman SEAC-II)

43.Green Belt Development	Total RG area :	2279.48 sqm		
	No of trees to be cut :	25 no's		
	Number of trees to be planted :	125 no's		
	List of proposed native trees :	as listed below		
	Timeline for completion of plantation :	Approximately 7 years		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Spathodea Campanulata	African Tuliptree	15 no's	Medicinal Tree
2	Sweitania Mahogany	Mahogany	10 no's	Medicinal Tree
3	Alstonia Scholoris	Saptaparni	18 no's	Medicinal Tree
4	Michelia Champaca	Golden Champa	18 no's	Medicinal Tree
5	Tabubia Rosea	Pink Trumpet	9 no's	Medicinal Tree
6	Putranjiva Roburghi	Putrajiva	22 no's	Medicinal Tree
7	Azardirachta Indica	Neem	24 no's	Evergreen Medicinal Tree
8	Beltophorum Inerme	Copperpod	9 no's	Medicinal Tree
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	-	-	-	
47.Energy				


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 6 of 102


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

Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Limited	
	During Construction Phase: (Demand Load)	100 kW	
	DG set as Power back-up during construction phase	125 kVA	
	During Operation phase (Connected load):	3568 kW	
	During Operation phase (Demand load):	749 kW	
	Transformer:	1 No and Capacity: 1000 kVA	
	DG set as Power back-up during operation phase:	1 No and Capacity: 320 kVA	
	Fuel used:	HSD	
	Details of high tension line passing through the plot if any:	Not applicable	
48. Energy saving by non-conventional method:			
<ul style="list-style-type: none"> • Energy Efficient LED Lamps for Common & External Areas instead of CFL Lamps. • VFDs (Variable Frequency Drive) for all Motors used in Lifts, Plumbing, Fire fighting • Electrical Equipment Higher rated (5 Star) • Solar PV solution for lighting of common areas and external lighting. 			
49. Detail calculations & % of saving:			
Serial Number	Energy Conservation Measures	Saving %	
1	Total % Savings	11.9 %	
50. Details of pollution control Systems			
Source	Existing pollution control system	Proposed to be installed	
Not applicable	Not applicable	Not applicable	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 25.0 lakh	
	O & M cost:	Rs. 2.0 lakh	
51. Environmental Management plan Budgetary Allocation			
a) Construction phase (with Break-up):			
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	2.0 lakh
2	Noise Environment	Noise Barricades and Green Belt Developments	1.0 lakh

3	Water Environment	Modular STP, Drainage with Sedimentation tanks	2.0 lakh
4	Good Health Practices	Site Sanitation & Health Care	1.0 lakh
5	Environment Monitoring	Air, Water, Noise, Soil monitoring during construction phase	1.50 lakh

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH tanks	17.60 lakh	1.76 lakh
2	Solid Waste Management	OWC	6.0 lakh	1.90 lakh
3	Waste Water Management	STP	25.50 lakh	5.0 lakh
4	Energy Conservation	Solar	25.0 lakh	2.0 lakh
5	Landscaping	Greenbelt	5.0 lakh	2.20 lakh

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


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

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	2 no's
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 8 of 102

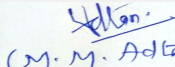

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Parking details:	Number and area of basement:	Nil
	Number and area of podia:	Podium: 1 no and Area: 1850 sqm
	Total Parking area:	5293 sqm
	Area per car:	18 sqm (pit parking)
	Area per car:	18 sqm (pit parking)
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	280 no's
	Public Transport:	Nil
	Width of all Internal roads (m):	6.0 m wide Internal Road
	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 distance at 0.12 km
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	Not applicable
	Other Relevant Informations	No information available.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 9 of 102


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

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

PP informed that, the project under consideration is new housing project. PP further stated that, the total plot area of the project is 8790.64 Sq.mt. having total construction area 26993.47Sq.mt. (FSI - 14640.24 sq.mt + NON FSI - 12353.23 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building 1	Stilt + Podium + 20 Upper Floors	69.60 m
Building 2	Stilt + Podium + 20 Upper Floors	69.60 m
Commercial Building	Ground Floor + 1 Upper Floor	8.75 m

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to ensure that maximum treated water should be recycled.
- 2) PP to explore the possibility to provide STP on ground or to ensure that minimum 40% area of STP tank should be open to sky for adequate ventilation.
- 3) PP to submit the undertaking regarding No nalla is abutting or passing through project site.
- 4) PP to upload the storm water plan.
- 5) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.

FINAL RECOMMENDATION

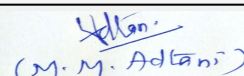
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 10
of 102



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


Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 103 Meeting Date June 21, 2019

Subject: Environment Clearance for "Expansion of Residential, Retail, IT & Commercial project" on Plot bearing C.T.S. Nos. 117A, 117A/1, 117B & 117 C., village Tungwa, Saki Vihar Road, Gate No. 5, Powai East, Mumbai - 400 072 By M/s. Larsen & Toubro Realty Ltd.

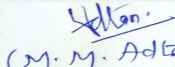
Is a Violation Case: No

1.Name of Project	"Expansion of Residential, Retail, IT & Commercial project" By M/s. Larsen & Toubro Realty Ltd.
2.Type of institution	TOR
3.Name of Project Proponent	M/s. Larsen & Toubro Realty Ltd.
4.Name of Consultant	M/s. Enviro Analysts and Engineers Private Limited.
5.Type of project	Residential, Retail, IT & Commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Previous EC dated on 17th September 2018 (SEIAA-EC-0000000419)
8.Location of the project	CTS. Nos. 117A, 117A/1, & 117B & 117C Village Tungwa, Saki Vihar Road, Powai, Mumbai - 400 072
9.Taluka	Kurla
10.Village	Tungwa
Correspondence Name:	Mr. Anand Rane
Room Number:	.
Floor:	Ground Floor,
Building Name:	Tower -A, TC-II,
Road/Street Name:	Saki Vihar Road
Locality:	Powai East,
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IT buildings TC 1 - CE/3990/BPES/AL TC 2 - CE / 4186/BPES/AL TC 3 - CE/ 4334/BPES/AL TC 4 - CE/ 4408/BPES/AL Residential Buildings T1 - CE/4406/BPES/AL T2-T16 - CE/ 4407/BPES/AL Medical Centre CHE/ES/2006/L/337 (New) IOD/IOA/Concession/Plan Approval Number: IT buildings TC 1 - CE/3990/BPES/AL TC 2 - CE / 4186/BPES/AL TC 3 - CE/ 4334/BPES/AL TC 4 - CE/ 4408/BPES/AL Residential Buildings T1 - CE/4406/BPES/AL T2-T16 - CE/ 4407/BPES/AL Medical Centre CHE/ES/2006/L/337 (New) Approved Built-up Area: 329199.58
13.Note on the initiated work (If applicable)	Work under progress
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	OC received for TC3, TC4, residential building T1 - T8, Health and welfare center
15.Total Plot Area (sq. m.)	1,46,679.50 Sq.m.
16.Deductions	25,949.39 Sq.m
17.Net Plot area	120730.11 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 3,61,023.79 Sq.m (Includes TC I, TC II ,TCIII,TCIV,TCV,RESI, Health Welfare Centre & Distribution Sub-Station) b) Non FSI area (sq. m.): 3,70,729.58 Sq.m (Includes TC I, TC II ,TCIII,TCIV,TCV,RESI, Health Welfare Centre & Distribution Sub-Station) c) Total BUA area (sq. m.): 731753.37
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 329199.58 Approved Non FSI area (sq. m.): 3,15,335.44 Date of Approval: 19-04-2018
19.Total ground coverage (m2)	73,678.97 Sq.m


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 11
of 102


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

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	50%
21.Estimated cost of the project	9490000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Residential Tower no.1-OC received	2 podiums/ part basement + Stilt + 18Upper Floors + Part 19th Floor	77.65
2	Residential Tower no.2 -OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.45
3	Residential Tower no.3 -OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.45
4	Residential Tower No.4 -OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.45
5	Residential Tower no.5-OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.45
6	Residential Tower no.6 -OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.15
7	Residential Tower no.7 -OC received	3 podiums/ part basement + Stilt + 25 Upper Floors	87.55
8	Residential Tower no.8-OC received	3 podiums/ part basement + Stilt + 25 Upper Floors	86.94
9	Residential Tower no.9,10	2B+G+3 podiums + Stilt + 26 Upper Floors	95.40
10	Residential Tower no. 11	2B+G+3 podiums+ Stilt + 26 Upper Floors	95.40
11	Residential Tower no. 12	2B+G+3 podiums + Stilt + 26 Upper Floors	95.40
12	Residential Tower no. 13	3B+G+2 podiums+ Stilt + 26 Upper Floors	95.70
13	Residential Tower no. 14	3B+G+2 podiums + Stilt + 26 Upper Floors	95.70
14	Residential Tower no. 15	2B+G+2 podiums+ Stilt + 26 Upper Floors	95.70
15	Residential Tower no. 16	1B+G+2 podiums + Stilt + 26 Upper Floors	95.70
16	TC-III	OC received	37.95
17	TC IV	OC received	53.98
18	TC V	3B+G+22Upper Floors	92.30
19	Health and Welfare center-OC received	Ground + 6 upper floors	28.20

23.Number of tenants and shops	2295 Nos of residential units & IT offices +Health & welfare centre
24.Number of expected residents / users	Residential : 11475 Nos. Commercial : 4414 (TC 3 & 4) + 2970 (TCV) Nos Health and Welfare Centre -100 No's(fixed),530 Nos(floating)
25.Tenant density per hectare	267 Nos / hector (on residential plot area)
26.Height of the building(s)	

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 12 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 m wide JVLR road & 27.50 m wide Saki Vihar road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	>7.5 m
29.Existing structure (s) if any	Construction as per EC
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 / Recycled water
	Fresh water (CMD):	1265
	Recycled water - Flushing (CMD):	699
	Recycled water - Gardening (CMD):	210
	Swimming pool make up (Cum):	15
	Total Water Requirement (CMD) :	2174
	Fire fighting - Underground water tank(CMD):	2300 cum
	Fire fighting - Overhead water tank(CMD):	50 cum for each wing
	Excess treated water	0


Mr. Surykant Nikam
(Secretary SEAC-II)

**SEAC Meeting No: 103 Meeting Date: June 21,
2019**

**Page 13
of 102**



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

Wet season:	Source of water	MCGM / Recycled water/RWH tanks
	Fresh water (CMD):	1265
	Recycled water - Flushing (CMD):	699
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	15
	Total Water Requirement (CMD) :	1964
	Fire fighting - Underground water tank(CMD):	2300 cum
	Fire fighting - Overhead water tank(CMD):	50 cum for each wing
	Excess treated water	210
Details of Swimming pool (If any)	SP-1: 21.2 x 8 m SP-2- 22.5 x 12.5 m SP-3- 25.5 x 16.5m	

33.Details of Total water consumed

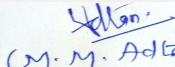
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3.5m to 17.0m
	Size and no of RWH tank(s) and Quantity:	RHW Tank for Tower T9 to T16= 2*160cum , RHW for Tower T1 = 30 cum, RHW for Tower T2 to T8 = 1* 116 cum , RHW for TC-III = 25 cum , RHW for Tower TCIV=52 cum. Nos. RHW for Tower TCV=62 cum
	Location of the RWH tank(s):	For T9 to T16 - 21.0M.LVL. & 24.13 M.LVL For T1 - 31.4M LVL. For T2 to T8 - 24.3M.LVL. For TCIII- 13.5 M LVL. For TCIV- 22.95M.LVL. For TC V- 21.00 M LVL.
	Quantity of recharge pits:	T9-T16 - 2 Nos. T2-T8 - 2 No. Health and Welfare Center- 1 No. TC-IV - 1 No.
	Size of recharge pits :	3m x 3m x 3m and 4m x 4m x 2m
	Budgetary allocation (Capital cost) :	Rs. 50.00 lakhs
	Budgetary allocation (O & M cost) :	Rs.5.00 lakhs/yr
	Details of UGT tanks if any :	For T9 to T16 - Basement 2 Health and Welfare center- Ground For TC III - Basement 4 For TC IV- Basement For T1- Basement 2 For T2-T8-Podium level 1 For TC V- Basement 1 and 2



Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 14 of 102

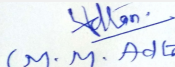

 (M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)

35.Storm water drainage	Natural water drainage pattern:	Total storm water runoff to the Municipality storm water network on the roads
	Quantity of storm water:	Total storm water runoff to the Municipality storm water network-1.92cum/sec For T1-T8- 0.69 Cum/Sec For T9 to T16 = 0.72 Cum/Sec For Health and Welfare center= 0.052Cum/Sec For TC IV = 0.059 Cum/Sec For TC-V - 0.406 Cum/Sec
	Size of SWD:	600 mm wide storm water drain Slope: 1:300
Sewage and Waste water	Sewage generation in KLD:	1795 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	T1 & T2 - 100KLD, T3, T4 & T5 - 260KLD T6, T7 & T8 - 170KLD T9, T10,T11-325 KLD, T12,T13: 235 KLD T14,T15,T16: 395 KLD TC-III:-60KLD TC-IV:-80KLD Total: 60+80 :140 KLD Health and Welfare Center :30 KLD TC V- 140 KLD
	Location & area of the STP:	T1 & T2 - Part Podium & Basement-2, Area - 125 Sq.M. T3, T4 & T5 - Podium 1, Area - 399 Sq.M. T6, T7 & T8 - Podium 1, Area - 184 Sq.M. T9, T10,T11-Party on Basement & Ground, Area-345 Sq.M. T12,T13: On Ground , Area - 239 Sq.M. T14,T15,T16: On Ground , Area - 395 Sq.M. TC-III:-Basement 4, Area - 80 Sq.M. TC-IV:- Basement 3, Area - 132 Sq.M. Health and Welfare Center :On Ground, Area - 90 Sq.M. TC V- Basement 1 &2, Area - 260 Sq.M.
	Budgetary allocation (Capital cost):	Rs.275.00 lakhs
	Budgetary allocation (O & M cost):	Rs 27.50 lakhs/yr.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Waste generation in the Pre-Construction and Construction phase Pre-construction Phase: Waste generated during construction will be reused as per the requirement and rest will be send to recyclers and scrap dealers for final disposal. Quantity of the top soil to be preserved:
	Disposal of the construction waste debris:	Waste generated during construction will be reused as per the requirement and rest will be send to recyclers and scrap dealers for final disposal.
Waste generation in the operation Phase:	Dry waste:	2754 kg/day
	Wet waste:	3479 kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	110 - 135 Kg/month
	STP Sludge (Dry sludge):	150 kg
	Others if any:	E-waste will be handed over to MPCB authorized dealers


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 15
of 102


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

Mode of Disposal of waste:	Dry waste:	Collected by recyclers
	Wet waste:	Utilized as manure through Organic Waste composting machine
	Hazardous waste:	Shall be disposed as norms
	Biomedical waste (If applicable):	Will be segregated as per Biomedical Waste Management and Handling Rule 1998 (amended in 2016) and handed over to Common Bio-medical Waste Treatment Facilities.
	STP Sludge (Dry sludge):	Used as a manure
	Others if any:	E waste generated will be managed as per E Waste Management Rules, 2016. It will be handed over to authorized vendor.
Area requirement:	Location(s):	Below ramp
	Area for the storage of waste & other material:	1 tonne capacity of OWC for T1-T8 building Area-220 Sq.m, 2 tonne capacity of OWC for T9-T16 Area-177 Sq.m, 120 Kg capacity for TC-IV Area-40 Sq.m, 190 Kg capacity for TC-V Area-55 Sq.m
	Area for machinery:	Area included as above
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 58.30 Lakhs
	O & M cost:	Rs.8.80 Lakhs/yr.

37. Effluent Characteristics

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

38. Hazardous Waste Details

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


39. Stacks emission Details

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

40. Details of Fuel to be used

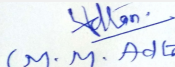
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
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Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 16 of 102


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

42.Mode of Transportation of fuel to site	Not applicable
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43.Green Belt Development	Total RG area :	40,564.40 sqm
	No of trees to be cut :	As per tree NOC Existing:148 no's Tree to be cut - 30 Tree to be transplant - 83 Trees to retained - 35 New plantation - 304
	Number of trees to be planted :	304 No's.
	List of proposed native trees :	As enclosed
	Timeline for completion of plantation :	Till completion of all phases


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	Golden Rain Tree	30	Ornamental tree
2	Azadirachta Indica	Neem	8	Noise reduction dust and smoke
3	Madhuca Indica	Mahua	23	Noise reduction, dust and smoke
4	Michellia Champaca	Champak	20	Shade givers, scented flowers
5	Tabebuia Rosea	Pink Trumpet Tree	20	Ornamental tree
6	Spathodea Campanuluta	African Tulip Tree	26	Ornamental tree
7	Melia Azadirachta	China Berry Tree	9	Noise reduction dust and smoke
8	Mesua Ferrea	Cobra Saffron	18	Medicinal use
9	Dispyros Malabarica	Malabar Ebony	24	Medicinal use
10	Anthocephalus Kadamba	Kadam	7	Dust and smoke Noise reduction
11	Terminalia Arjuna	Arjun Tree	20	Noise Reduction, Dust and Smoke
12	Tamarindus Indica	Tamarind	9	Medicinal use
13	Peltoforum Ferrogineum	Copper Pod	22	Shade and ornamental value
14	Areca Catechu	Palm	68	Medicinal use

45.Total quantity of plants on ground

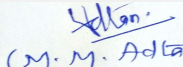
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Acalypha rosea	300	3.3
2	Agave americana	500	48.2
3	Allamanda schottii Nana	300	12.4
4	Alpinia purpurata	400	55.1
5	Alpinia zerumbet	400	31.8
6	Asplenium nidus	400	37.2
7	Bambusa vulgaris	1000	66.2
8	Barleria cristata Rosea	400	60.2
9	Breynia nivosa Nana	300	94.2
10	Crinum lily	300	44.6
11	Costus woodsonii	300	22.6


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 17
of 102


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

12	Cyperus alternifolius	400	20.2
13	Dracaena mahatma	500	28.7
14	Galphimia glauca	400	40.2
15	Gardenia jasminoides	400	139.7
16	Gardenia jasminoides Veitchii	300	61.7
17	Heliconia psittacorum 'Fire Flash'	400	36.5
18	Ixora duffi Red	400	11.2
19	Ixora lutea	400	13.7
20	Jasminum multiflorum	300	57.5
21	Lemonia spectabilis Variegata	300	60.6
22	Lantana camara 'Hybrida'	300	184.3
23	Murraya exotica	400	46.4
24	Nerium oleander 'Pink'	500	79.1
25	Pachystachys lutea	300	69.3
26	Phyllanthus myrtifolius	200	184.6
27	Plumbago ovata	300	10.6
28	Ruellia brittoniana	300	83.6
29	Russellia equisetiformis	300	20.33
30	Sansevieria trifasciata	300	49.7
31	Schefflera arboricola 'Green'	300	3.7
32	Spathiphyllum cupido	300	13.6
33	Syzygium campanulatum	400	20.4
34	Tabernaemontana divaricata 'Dwarf'	300	83.7
35	Tecomaria capensis	400	85.8
36	Tecoma gaudi-chaudi	500	67.3
37	Acorus calamus	300	31.9
38	Adhatoda vasica	400	30.9
39	Aloe vera	400	30
40	Coleus aromaticus	200	59.1
41	Cymbopogon floxosus	400	47
42	Ocimum basilicum	400	45.9
43	Ocimum sanctum	400	34.8
44	Pandanus amaryllifolius	300	60.3
45	Piper betle	200	23
46	Piper nigrum	200	28.5

47. Energy

Power requirement:	Source of power supply :	Tata power
	During Construction Phase: (Demand Load)	300KW
	DG set as Power back-up during construction phase	--
	During Operation phase (Connected load):	59997 kW
	During Operation phase (Demand load):	31897 kW
	Transformer:	Transformer Shall be Supplied by TATA Power
	DG set as Power back-up during operation phase:	T1 - 1 # 750KVA T2-T8: 3 # 750KVA T9 - T16: 2 # 750KVA TC - IV: 1 # 1500KVA TC - III: 2 # 500KVA, 1 # 150KVA Health and Welfare Center: 1 # 750KVA TC V: 2# 1500KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. Use of LED light fixtures in Lift Lobbies, common area and parking
2. Exterior lighting to be controlled by timer
3. VFD for lifts
4. Energy efficient motors for Pumps and fans
5. Ventilation fans controlled through CO sensors
6. VFD for podium / basement ventilation fans

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	As Per ECBC Code Requirements % Savings Considering on Total Common Area Load	19%
2	% Energy Savings due to Solar PV on Terrace on Total Common area Load	5%
3	Total Energy saving in % on Common Area Load	24%

50. Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 180.40 lakhs
	O & M cost:	Rs. 18.04 lakhs/yr.

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	16
2	Noise Environment	Noise Barricades and Green Belt Developments	8
3	Water Environment	Septic tank soak pits, Drainage with sedimentation tanks	8
4	Good Health Practices	Site Sanitation & Health Care	5
5	Environment Monitoring	Air,water,noise soil monitoring during construction phase	1.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	Rain water harvesting	50.00	5.00
2	Land Environment	MSW	58.30	8.80
3	Water Environment	STP	275.00	27.50
4	Land Environment	Landscaping	162.00	24.00
5	Energy Saving	Energy System including Solar PV on terrace	180.00	18.00

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


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

52.Any Other Information

No Information Available

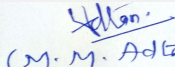
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Saki Vihar Road and JVLR
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 20
of 102

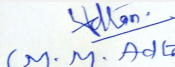

(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

Parking details:	Number and area of basement:	Number of Parking - 1981 Area for basement parking = 1,33,363.39 Sq.m
	Number and area of podia:	Number of Parking - 3822 Area for Podium parking-1,21,666.26 Sq.m.
	Total Parking area:	2,55,029.65 sq.m
	Area per car:	32 Sq.m/car in basement, 30 Sq.m/car in podium
	Area per car:	32 Sq.m/car in basement, 30 Sq.m/car in podium
	Number of 2-Wheelers as approved by competent authority:	880@ 25% of Mandatory Car Parking Residential
	Number of 4-Wheelers as approved by competent authority:	5803 nos
	Public Transport:	Not Applicable. However BEST Bus Stops, Central Railway Line (Kanjur Marg Station) are in the 2 Km area vicinity
	Width of all Internal roads (m):	Min 9 m wide drive ways
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA. Out of SGNP boundary and buffer area as per ESZ notification dated 5th Dec, 2016
	Category as per schedule of EIA Notification sheet	8 (b) B1
	Court cases pending if any	NA
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorised in brief information of Project as below.		
Brief information of the project by SEAC		


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 21
of 102


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

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


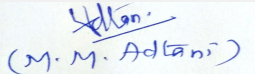
PP informed that, the project under consideration is *proposed expansion in existing project residential, retail, IT & commercial project*. PP further stated that, the total plot area of the project is 1,46,679.50 Sq.mt having total construction area 731753.37Sq.mt.(FSI - 3,61,023.79 sq.mt +NON FSI- 3,70,729.58 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Residential Tower no.1-OC received	2 podiums/ part basement + Stilt + 18Upper Floors + Part 19th Floor	77.65
Residential Tower no.2 -OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.45
Residential Tower no.3 -OC receive	3 podiums/ part basement + Stilt + 24 Upper Floors	84.45
Residential Tower No.4 -OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.45
Residential Tower no.5-OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.45
Residential Tower no.6 -OC received	3 podiums/ part basement + Stilt + 24 Upper Floors	84.15
Residential Tower no.7 -OC received	3 podiums/ part basement + Stilt + 25 Upper Floors	87.55
Residential Tower no.8-OC received	3 podiums/ part basement + Stilt + 25 Upper Floors	86.94
Residential Tower no.9,10	2B+G+3 podiums + Stilt + 26 Upper Floors	95.40
Residential Tower no. 11	2B+G+3 podiums+ Stilt + 26 Upper Floors	95.40
Residential Tower no. 12	2B+G+3 podiums + Stilt + 26 Upper Floors	95.40
Residential Tower no. 13	3B+G+2 podiums+ Stilt + 26 Upper Floors	95.70
Residential Tower no. 14	3B+G+2 podiums + Stilt + 26 Upper Floors	95.70
Residential Tower no. 15	2B+G+2 podiums+ Stilt + 26 Upper Floors	95.70
Residential Tower no. 16	1B+G+2 podiums + Stilt + 26 Upper Floors	95.70
TC-III	OC received	37.95
TC IV	OC received	53.98
TC V	3B+G+22Upper Floors	92.30
Health and Welfare center-OC received	Ground + 6 upper floors	28.20

It is noted that, Project has received Environmental clearance vide letter dated 17th September 2018.

It is noted that the project earlier considered in 95th SEAC-2 Meeting held on 08-04-2019 & ToR accorded for the same.

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

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 22 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to upload the concessions received for residential & commercial component from local planning authority.
- 2) PP to submit dated Architect certificate addressing to committee regarding building wise construction (Configuration, FSI, NoN-FSI, TBUA) approvals from local Authority, actual construction done and proposed expansion.
- 3) PP to submit & upload the revised traffic analysis as per ground scenario regarding number of vehicles & speed and also to calculate the retrieval time.
- 4) PP to submit the revised wind analysis considering the critical speed, from meteorological parameters measured for longer period.
- 5) PP to submit carrying capacity of internal road of the project for increased number of vehicles due to expansion.
- 6) PP to provide the signage for fire engine drive way.
- 7) PP to ensure that, new proposed STPs should be on ground. Also to ensure that, for existing STPs 40% area of STP tanks should be open to sky for adequate ventilation. PP to submit the comparison statement regarding STPs earlier proposed & now proposed.
- 8) PP to provide measures to make the project to be zero discharge in dry season.
- 9) PP to ensure that, the RG provided should be as per DCR.
- 10) PP to study the Noise levels in already constructed area. Also to provide noise barriers to reduce the noise pollution.
- 11) Considering the noise levels PP to provide the green barriers all along the plot boundary. Accordingly, PP to submit the revised list of trees to be planted in the project site.
- 12) PP to submit the phase wise parking statement with two wheelers vehicles also along with plan showing two wheeler vehicle movements. And also to submit the retrieval time.
- 13) PP to ensure that, major drains (more than 2mt wide) should not be closed may be covered by grill cover & not by cement cover.
- 14) The following points which was not included in EIA has to be included in EIA, PP & Environment consultant to upload the revised EIA.
- 15) a) PP & Environment consultant to ensure that EIA should be signed by all functional experts & EIA-Coordinator
- 16) b) Environment consultant to submit the copy of the NABET aggregated letters and minutes of the meeting to support, the experts involved in this EIA report preparations.
- 17) c) In EIA details regarding baseline data & site specific data (Primary data) like source, length & analysis should be mentioned and reported. Pages of EIA to be numbered properly.
- 18) d) The proposed population density is 10 times of the present population density in this area. Detailed socio-economic and institutional requirement study is needed

FINAL RECOMMENDATION

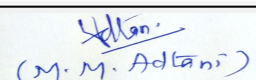
SEAC-II decided to defer the proposal. Kindly find SEAC decision above.



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 23
of 102



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


Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 103 Meeting Date June 21, 2019

Subject: Environment Clearance for Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.) , 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 8 Societies by M/s. Omkar Realtors Projects Pvt. Ltd.


Is a Violation Case: No

1.Name of Project	Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.) , 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 8 Societies by M/s. Omkar Realtors Projects Pvt. Ltd.
2.Type of institution	TOR
3.Name of Project Proponent	M/s Omkar Realtors Projects Pvt Ltd.
4.Name of Consultant	Building Environment India (Pvt.) Ltd.
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	Yes 9th August, 2017
8.Location of the project	Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.) , 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 8 Societies by M/s. Omkar Realtors Projects Pvt. Ltd.
9.Taluka	Mumbai
10.Village	Dhobighat
Correspondence Name:	M/s Omkar Realtors Projects Pvt Ltd
Room Number:	NA
Floor:	6th Floor
Building Name:	Omkar House
Road/Street Name:	Opp. Sion- Chunnabhatti Signal
Locality:	Off Eastern Express Highway
City:	Sion (E)-400022 Mumbai, Maharashtra
11.Whether in Corporation / Municipal / other area	Yes Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	<p>Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 14.06.2018</p> <p>IOD/IOA/Concession/Plan Approval Number: Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 14.06.2018</p> <p>Approved Built-up Area: 163182.34</p>
13.Note on the initiated work (If applicable)	Work has been initiated as per Prior Environmental clearance received dtd. 9th August, 2017
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 14.06.2018
15.Total Plot Area (sq. m.)	47593.57 Sq. mt.
16.Deductions	9836.73 Sq.mt.
17.Net Plot area	37756.84 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 322840.9 Sq. mt.
	b) Non FSI area (sq. m.): 420203.61 Sq. mt.
	c) Total BUA area (sq. m.): 743044.51


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 24
of 102


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

18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 1,63,182.34
	Approved Non FSI area (sq. m.): 2,82,189.60
	Date of Approval: 14-06-2018
19.Total ground coverage (m2)	24102.94 Sq. mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	59.61%
21.Estimated cost of the project	37360000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Bldg. No. 1	Gr. + 42nd (Pt.) Upper Floors	125.05
2	Rehab Bldg. No. 2	GR + 32nd (Pt.) Floors	96.85
3	Reservation Building No. 1	Gr. + 6th upper Floors	27.75
4	Reservation Building No. 2	Gr. + 4th upper Floors	19.95
5	Tower 1 (South)	2 Lower Ground + Gr.+ 1st to 8th Podium + 9th & 9th A Amenity Floor+/Clubhouse 1st to 65th Upper Floor	246.40
6	Tower-2 (Central)	2 Lower Ground + Gr.+ 1st to 8th Podium + 9th & 9th A Amenity Floor/Clubhouse + 1st to 65th Upper Floor	246.80
7	Tower-3 (North)	2 Lower Ground + Gr.+ 1st to 8th Podium + 9th & 9th A Amenity Floor/Clubhouse + 1st to 66th Upper Floor	250.00
8	Sale Building No. 2	3 Basement + Gr. + 1st to 8th Part Podium & Part Residential Floor & 9th Part Amenity/Clubhouse & Part Residential Floor + 1st to 57th Upper Floors	211.65

23.Number of tenants and shops

Rehab Bldg. No. 1
Residential: 2973 nos.
R/C: 26 nos.
Commercial: 118 nos.
Existing Amenities (Society office & Temple): 13 nos.
BWS /Community Hall/ Additional Amenity units: 81 nos.

Rehab Bldg. No. 2
Residential: 172 nos.
Commercial: 01 no.
Existing Amenities (Society office & Temple): 6 nos.
BWS /Community Hall/ Additional Amenity units: 06 nos.

Sale Building No. 1 (Tower 1, Tower 2 & Tower 3)
Residential: 1236 nos.
Sale Building No. 2:
Residential: 708 nos.


24.Number of expected residents / users

Rehab: 16212 nos. Sale: 9720 Nos. Total: 25932 Nos.

25.Tenant density per hectare

858.39 tenants per hectare

26.Height of the building(s)


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 25
of 102


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

27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	42.60 m wide Sane Guruji Road, 30.48 m wide Dr. E. Mosses Road, 18.30 m J.R. Boricha Marg & 12.20 m wide G.B. Sakpal Marg
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 m
29.Existing structure (s) if any	partly demolished slums
30.Details of the demolition with disposal (If applicable)	Existing slums partly demolished

31.Production Details

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

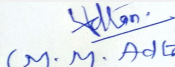
32.Total Water Requirement

Dry season:	Source of water	M.C.G.M / RWH / STP Treated Sewage / Tanker (Swimming Pool makeup)
	Fresh water (CMD):	Rehab: 1437.66 Sale: 875 Total: 2312.66
	Recycled water - Flushing (CMD):	Rehab: 719 Sale: 437 Total:1156
	Recycled water - Gardening (CMD):	31
	Swimming pool make up (Cum):	Rehab: -- Sale: 46 Total: 46
	Total Water Requirement (CMD) :	Rehab: 2156 Sale: 1312 Total: 3499
	Fire fighting - Underground water tank(CMD):	Will be provided during EIA
	Fire fighting - Overhead water tank(CMD):	Will be provided during EIA
	Excess treated water	1789


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

**Page 26
of 102**

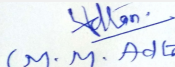

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Shri M.M.Adtani (Chairman
SEAC-II)

Wet season:	Source of water	M.C.G.M / RWH / STP Treated Sewage / Tanker (Swimming Pool makeup)								
	Fresh water (CMD):	Rehab: 1437.66 Sale: 875 Total: 2312.66								
	Recycled water - Flushing (CMD):	Rehab: 719 Sale: 437 Total:1156								
	Recycled water - Gardening (CMD):	--								
	Swimming pool make up (Cum):	Rehab: -- Sale: 46 Total: 46								
	Total Water Requirement (CMD) :	Rehab: 2156 Sale: 1312 Total: 3468								
	Fire fighting - Underground water tank(CMD):	Will be provided during EIA								
	Fire fighting - Overhead water tank(CMD):	Will be provided during EIA								
	Excess treated water	1820								
Details of Swimming pool (If any)	NA									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 - 3 m below ground level								
	Size and no of RWH tank(s) and Quantity:	Will be provided during EIA								
	Location of the RWH tank(s):	Rehab: Below Ground Sale: Basement 2								
	Quantity of recharge pits:	NA								
	Size of recharge pits :	NA								
	Budgetary allocation (Capital cost) :	Will be provided during EIA								
	Budgetary allocation (O & M cost) :	Will be provided during EIA								
	Details of UGT tanks if any :	--								



Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 27
of 102

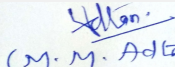

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35.Storm water drainage	Natural water drainage pattern:	The arrangement for disposal of SW through and from the plot as per the remarks of SW department, MCGM			
	Quantity of storm water:	Will be provided during EIA			
	Size of SWD:	Will be provided during EIA			
Sewage and Waste water	Sewage generation in KLD:	3006			
	STP technology:	MBBR			
	Capacity of STP (CMD):	Will be provided during EIA			
	Location & area of the STP:	Will be provided during EIA			
	Budgetary allocation (Capital cost):	Will be provided during EIA			
	Budgetary allocation (O & M cost):	Will be provided during EIA			
36.Solid waste Management					
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Shall be done as per debris management plan			
	Disposal of the construction waste debris:	Shall be done as per debris management plan			
Waste generation in the operation Phase:	Dry waste:	Rehab Building: 3233 Kg/day, Sale Building: 1944 Kg/day			
	Wet waste:	Rehab Building: 4783 Kg/day, Sale Building: 2916 Kg/day			
	Hazardous waste:	Not quantified at this stage			
	Biomedical waste (If applicable):	NA			
	STP Sludge (Dry sludge):	30 kg/day			
	Others if any:	NA			
Mode of Disposal of waste:	Dry waste:	Shall be given to vendors			
	Wet waste:	Shall be treated in OWC			
	Hazardous waste:	NA			
	Biomedical waste (If applicable):	NA			
	STP Sludge (Dry sludge):	Shall be used as manure			
	Others if any:	Shall be given to vendors			
Area requirement:	Location(s):	Ground Level			
	Area for the storage of waste & other material:	--			
	Area for machinery:	Will be provided during EIA			
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Will be provided during EIA			
	O & M cost:	Will be provided during EIA			
37.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 28
of 102


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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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


41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	RG on ground- 3079.95 sq.m
	No of trees to be cut :	01
	Number of trees to be planted :	154
	List of proposed native trees :	Enclosed below
	Timeline for completion of plantation :	Till completion of project

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia pinnata	Karanj	16	Shady tree
2	Bauhinia racemosa	Apta	12	Small tree with small white flowers, butterfly host plant
3	Azadiracta indica	Neem	12	arge tree, good for roadside plantation


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

**Page 29
of 102**


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

4	Anthocephallus cadamba	Kadamb	12	Shadt, large deciduous tree, fast growing graceful tree, ball shaped flowers
5	Cassia fistula	Bhava	08	Medium sized deciduous tree, beautiful yellow flowers, Butterfly host plant
6	Saraca asoka	Sita Ashoka	12	Shady tree with red yellow flowers
7	Mimusops elengi	Bakul	16	Shady tree, small white fragrant flowers
8	Michalia champaca	Son chapa	12	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
9	Ficus retusa	Nandruk	12	Shady tree, good for roadside plantation
10	Butea monosperma	Palas	12	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
11	Albizia lebbeck	Shirish	12	Decidious 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	Kaner	10	--
2	White plumbago (Chitrak)	5	--
3	Kusar/Ran jai	8	--
4	Krushna kamal	10	--

47.Energy

Power requirement:	Source of power supply :	BEST
	During Construction Phase: (Demand Load)	100kVA
	DG set as Power back-up during construction phase	Will be provided during EIA
	During Operation phase (Connected load):	Will be provided during EIA
	During Operation phase (Demand load):	Will be provided during EIA
	Transformer:	--
	DG set as Power back-up during operation phase:	Will be provided during EIA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 30 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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External lighting will be provided on solar

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Rehab & Sale Building	Will be provided during EIA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water	Not applicable	STP
Soil and Land	Not applicable	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Will be provided during EIA
	O & M cost:	Will be provided during EIA


51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling System	Will be provided during EIA
2	Water Environment	Water for construction works and mobile toilets.	Will be provided during EIA
3	Noise Environment	Site Barricading	Will be provided during EIA
4	Land environment	Mobile STP	Will be provided during EIA
5	Socio- economic environment	Disinfection- pest control	Will be provided during EIA
6	Socio- economic environment	first aid facilities	Will be provided during EIA
7	Socio- economic environment	Health check up	Will be provided during EIA
8	Socio- economic environment	Personal protective equipment	Will be provided during EIA
9	Socio- economic environment	Personal protective equipment	Will be provided during EIA
10	External infrastructure	Laydown of sewerline upto municipal existing sewerline	Will be provided during EIA
11	--	--	--

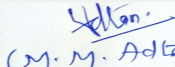
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	RWH	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA
2	OWC	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA
3	STP	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA
4	Energy	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 31
of 102

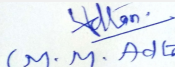

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5	Landscaping	Rehab & Sale Building	Will be provided during EIA	Will be provided during EIA			
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	42.60 m wide Sane Guruji Road, 30.48 m wide Dr. E. Mosses Road, 18.30 m J.R. Boricha Marg & 12.20 m wide G.B.Sakpal Marg					
Parking details:	Number and area of basement:	Sale bldg. 1 (Tower 1, 2 & 3): 2 nos. Lower Ground and area = 20784.88 sq.mt.; Sale bldg. 2: 3 nos. Basement and area = 17279.13 sq.mt.					
	Number and area of podia:	Sale bldg. 1 (Tower 1, 2 & 3): 9 nos. podium = 122118.27 sq.mt.; Sale bldg. 2: 9 nos. podium = 25187.68 sq.mt.					
	Total Parking area:	Rehab Building: 419 Nos.; Sale Building no. 1 (Tower 1, 2 & 3): 2128 Nos.; Sale Building no. 2: 885 Nos.					
	Area per car:	Basement: 32 m2 Podium: 28 m2					
	Area per car:	Basement: 32 m2 Podium: 28 m2					
	Number of 2-Wheelers as approved by competent authority:	Nil					
	Number of 4-Wheelers as approved by competent authority:	Rehab Building: 419 Nos.; Sale Building no. 1 (Tower 1, 2 & 3): 2128 Nos.; Sale Building no. 2: 885 Nos.					
	Public Transport:	NA					
	Width of all Internal roads (m):	Min 6m					
	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 b B					


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019


Page 32 of 102


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

	Court cases pending if any	There are no court cases pending with respect to environmental compliance.
	Other Relevant Informations	The details provided are as per the full potential of the project anticipating the future expansions.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	24-10-2017

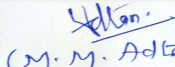
TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
Subject:	Environment Clearance for Proposed amalgamated Slum Rehabilitation Scheme on plot bearing C.S. No. 1(pt),2(pt) & 3(pt) of lower parel Division, in G/South ward at G.B. Sakpal Marg and Sane Guruji Road, Dhobighat, Satrasta,Mumbai 400011 for "Shree Sai Baba Nagar SRA Co-op. Hsg. Soc. (Prop.) & other 7 societies. by M/s. Omkar Realtors Projects Pvt Ltd.	Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.), 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 7 Societies by M/s. Omkar Realtors Projects Pvt Ltd.
1.Name of Project	Proposed amalgamated Slum Rehabilitation Scheme on plot bearing C.S. No. 1(pt), 2(pt) & 3(pt) of lower parel Division, in G/South ward at G.B. Sakpal Marg and Sane Guruji Road, Dhobighat, Satrasta, Mumbai 400011 for "Shree Sai Baba Nagar SRA Co-op. Hsg. Soc. (Prop.) & other 7 societies. by M/s. Omkar Realtors Projects Pvt Ltd.	Proposed Expansion of Slum Rehabilitation Scheme (SRA) at C.S. No. 1(pt.), 2(pt.) and 3(pt.) of Lower Parel Division in G/South Ward at G.B. Sakpal Marg and Babu Kamalakant Singh Marg, Dhobighat, Satrasta, Mumbai-400011 for Shree Saibaba Nagar CHS (Prop.) & other 7 Societies by M/s. Omkar Realtors Projects Pvt Ltd.
2.Type of institution	ToR	Private
6.New project/ expansion in existing project/modernization/ diversification in existing project	Amendment in approved Terms of Reference	Expansion
11.Area of the project	Municipal Corporation of Greater Mumbai	42,542.79
12.IOD/ IOA/ Concession/ Plan Approval Number	Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 104.06.2018 IOD/IOA/Concession/Plan Approval Number: Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 104.06.2018 Approved Built-up Area: 163182.34	SRA/ENG/2800/GS/ML/LOI dtd. 25.01.2018 Approved Built-up Area: 163182.34
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Rehab Building No.1: u/no. SRA/ENG./3253/GS/ML/AP dated 05.02.2018 Rehab Building No.2: u/no. SRA/ENG./3810/GS/ML/AP dated 14.06.2018 Sale Building No.1: u/no. SRA/ENG./3809/GS/ML/AP dated 104.06.2018	SRA/ENG/2800/GS/ML/LOI dtd. 25.01.2018



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 33
of 102

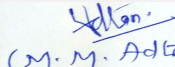

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16.Deductions	--	14,993.80
17.Net Plot area	--	27,548.99
18.(a) Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Non FSI area (sq. m.): Total BUA area (sq. m.):	FSI area (sq. m.): 1,63,182.34 Non FSI area (sq. m.): 2,82,189.60 Total BUA area (sq. m.): 4,45,371.94
18 (b). Approved Built up area as per DCR	Approved FSI area (sq. m.): -- Approved Non FSI area (sq. m.): -- Date of Approval: --	Approved FSI area (sq. m.): 1,63,182.34 Approved Non FSI area (sq. m.): 2,82,189.60 Date of Approval: 25.01.2018
19.Total ground coverage (m2)	27680.14	15516.90
26.Height of the building(s)	--	Rehab Bldg. No. 1:123.10 m Rehab Bldg. No. 2: 93.95 m Tower 1 (South): 247.40 m Tower-2 (Central): 178.35 m Tower-3 (North):39.60 m
29.Existing structure (s) if any	Nil	Partly slum area
30.Details of the demolition with disposal (If applicable)	--	Existing slums partly demolished
32. Total Water Requirement	--	--
Dry season	--	--
Source of water	M.C.G.M	M.C.G.M / STP Treated Sewage / Tanker (Swimming Pool makeup)
Fresh water (CMD):	1564.00	Rehab: 1193 Sale: 298 Total:1491
Recycled water - Flushing (CMD):	795.00	Rehab: 628 Sale: 153 Total:781
Recycled water - Gardening (CMD):	289.00	Rehab: 39 Sale: 8 Total:47
Swimming pool make up (Cum):	--	Rehab: -- Sale: 46 Total: 46
Total Water Requirement (CMD):	2648.00	Rehab: 1860 Sale: 505 Total:2365
Firefighting - Underground water tank (CMD)	--	Rehab 1: 2x200; Rehab 2: 200; Sale:200
Firefighting - Overhead water Tank (CMD)	--	Rehab 1: 1x20; 1x30; Rehab 2: 10; Sale:10
Excess treated water	872.00	Rehab: 872 Sale: 191 Total:1063
Wet season	--	--
Source of water	M.C.G.M	M.C.G.M / RWH / STP Treated Sewage / Tanker (Swimming Pool makeup)
Fresh water (CMD):	1564.00	Rehab: 1193 Sale: 298 Total:1491
Recycled water - Flushing (CMD):	795.00	Rehab: 628 Sale: 153 Total:781
Recycled water - Gardening (CMD):	--	--
Swimming pool make up (Cum):	--	Rehab: -- Sale: 46 Total: 46
Total Water Requirement (CMD):	2359.00	Rehab: 1821 Sale: 497 Total:2318



Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 34
of 102

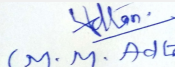

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Firefighting - Underground water tank (CMD)	--	Rehab 1: 2x200; Rehab 2: 200; Sale:200
Firefighting - Overhead water Tank (CMD)	--	Rehab 1: 1x20; 1x30; Rehab 2: 10; Sale:10
Excess treated water	1161.00	Rehab: 910 Sale: 200; Total:1110
34. Rain Water Harvesting (RWH)	--	--
Level of the Ground water table:	2 - 3 m below ground level	2 - 3 m below ground level
Size and no of RWH tank(s) and Quantity:	Rehab Building no. 1: 1 no. of RWH Tanks of total capacity 171 cum Rehab Building no. 2: 1 no. of RWH Tank of capacity 69 cum Sale Building no. 1: Tower 1: 1 no. of RWH Tanks of capacity 130 cum Tower 2: 1 no. of RWH Tanks of capacity 105 cum Tower 3: 1 no. of RWH Tanks of capacity 121 cum	Rehab Building no. 1: 1 no. of RWH Tanks of total capacity 171 cum Rehab Building no. 2: 1 no. of RWH Tank of capacity 69 cum Sale Building no. 1: Tower 1: 1 no. of RWH Tanks of capacity 135 cum Tower 2: 1 no. of RWH Tanks of capacity 117 cum Tower 3: 1 no. of RWH Tanks of capacity 135 cum
36. Sewage and Waste water	--	--
Sewage generation in KLD	Rehab Building no. 1: 1345 KLD Rehab Building no. 2: 356 KLD Sale Building no. 1 (Tower 1, 2 & 3): 455 KLD	Rehab Building no. 1: 1345 KLD Rehab Building no. 2: 356 KLD Sale Building no. 1 (Tower 1, 2 & 3): 391 KLD
STP technology	MBBR	MBBR
No. and Capacity of STP	Rehab Building no. 1: 1 STP of capacity 1350 KLD Rehab Building no. 2: 1 STP of capacity 360 KLD Sale Building no. 1 (Tower 1, 2 & 3): 1 STP of capacity 464 KLD	Rehab Building no. 1: 1 STP of capacity 1350 KLD Rehab Building no. 2: 1 STP of capacity 360 KLD Sale Building no. 1 (Tower 1, 2 & 3): 1 STP of capacity 400 KLD
37.Solid waste Management	--	--
Waste generation in the Pre-Construction and Construction phase:	--	--
Waste generation:	Shall be done as per debris management plan	About 76577 cum of excavated materials will be generated. The project is a Slum Rehabilitation Scheme. Currently the land is partly covered by slum hutments. Large quantity of waste will be generated from the demolition activity. The total area to be demolished around 36,911.47 sq.mt.
Disposal of the construction waste debris:	Shall be done as per debris management plan	The areas has been designated for the temporary storage and after maximum utilization on site, remaining waste will be disposed as per C & D Waste Management Rule, 2016.
Waste generation in the operation Phase:	--	--
Dry waste	Rehab Building no. 1: 2042 Kg/day Rehab Building no. 2: 498 Kg/day Sale Building no. 1 (Tower 1, 2 & 3): 673 Kg/day	Rehab Building no. 1: 2042 Kg/day Rehab Building no. 2: 498 Kg/day Sale Building no. 1 (Tower 1, 2 & 3): 673 Kg/day
Wet waste	Rehab Building no. 1: 3063 Kg/day Rehab Building no. 2: 747 Kg/day Sale Building no. 1 (Tower 1, 2 & 3): 1011 Kg/day	Rehab Building no. 1: 3063 Kg/day Rehab Building no. 2: 747 Kg/day Sale Building no. 1 (Tower 1, 2 & 3): 1011 Kg/day
Hazardous waste	NA	Not quantified at this stage



Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 35
of 102

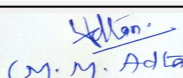

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Biomedical waste (If applicable)	NA	--
STP Sludge	113 Kg/day	Rehab: 113 Kg/day Sale: 40 Kg/day
Others if any	--	--
Mode of Disposal of waste:	--	--
Dry waste	Shall be given to vendors	Shall be given to vendors
Wet waste	Shall be treated in OWC	Shall be treated in OWC
Hazardous waste	NA	NA
Biomedical waste (If applicable)	NA	NA
STP Sludge	Shall be used as manure	Shall be used as manure
Others if any	NA	Shall be given to vendors
Area requirement:	--	--
Location (s)	Rehab Building no. 1: Ground Rehab Building no. 2: Ground Sale Building no. 1 (Tower 1, 2 & 3): Ground	Rehab Building no. 1: Ground Rehab Building no. 2: Ground Sale Building no. 1 (Tower 1, 2 & 3): Ground
Area for the storage of waste & other material	--	--
Area for machinery	--	Rehab: 100 sq.m Sale: 100 sq.m
44. Green Belt Development	--	--
Total RG area	RG on ground- 3449.29 sq.m. DP RG:2458.38 sq.m.	RG on ground- 3449.29 sq.m. DP RG:2458.38 sq.m.
No of trees to be cut	07	01
Number of new trees to be planted:	172	172
List of proposed native trees:	Enclosed below	Enclosed below
Timeline for completion of plantation	Till completion of project	Till completion of project
48. Energy	--	--
Power requirement	--	--
Source of power supply:	BEST	BEST
During Construction Phase: (Demand Load)	100kVA	100kVA
DG set as Power back-up during construction phase	--	3x350 kVA
During Operation phase (Connected load):	Rehab: 17794 KW Sale Building no. 1 (Tower 1, 2 & 3): 49841 KW	Rehab: 17794 KW Sale Building no. 1 (Tower 1, 2 & 3): 31695 KW
During Operation phase (Demand load):	Rehab: 9436 KW Sale Building no. 1 (Tower 1, 2 & 3): 10282 KW	Rehab: 9436 KW Sale Building no. 1 (Tower 1, 2 & 3): 10282 KW
Transformer:	--	--
DG set as Power back-up during operation phase	Rehab Building no. 1: 1*1250 kVA Rehab Building no. 2: 1*500 kVA Sale Building no. 1 (Tower 1, 2 & 3): 3x2000 kVA each	Rehab Building no. 1: 1*1250 kVA Rehab Building no. 2: 1*500 kVA Sale Building no. 1 (Tower 1, 2 & 3): Tower 1: 1*2500 kVA Tower 2: 1*2500 kVA Tower 3: 1*2000 kVA



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 36 of 102

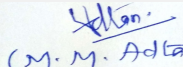

Shri M.M. Adtani (Chairman SEAC-II)

Fuel used:	HSD	HSD
Details of high-tension line passing through the plot if any:	NA	NA
49.Energy saving by non-conventional method:	--	External lighting will be provided on solar
50.Detail calculations & % of saving:	--	--
Energy Conservation Measures	--	By using LED Light In Common Area VFD For Lifts Highly efficient pump for Plumbing and STP Pumps External Lighting will be on Solar lighting system In Residential area Using combination of T5 along with BEE rated 3 Star equipments like Fan, AC, Geyser & other equipment. (Over all Savings)
Saving %	Rehab Building no. 1: 5% Rehab Building no. 2: 10% Sale Building no. 1 (Tower 1, 2 & 3): 12.2%	Rehab Building no. 1: 5% Rehab Building no. 2: 10% Sale Building no. 1 (Tower 1, 2 & 3): 0.5%
51.Details of pollution control Systems	--	--
Existing pollution control system	--	--
Source: Water	--	--
Sources : Soil & Land	--	--
Proposed to be installed	--	--
Source: Water	--	STP
Sources : Soil & Land	--	OWC
52.Environmental Management plan Budgetary Allocation	--	--
b) Operation Phase (with Break-up):	--	--
3 RWH Tanks	Capital cost Rs. in Lacs :R-1: 35, R-2: 14, S-1: 20; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 3.5, R-2: 1.4, S-1:0.2	Capital cost Rs. in Lacs :R-1: 35, R-2: 14, S-1: 20; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 3.5, R-2: 1.4, S-1:0.2
3 OWC	Capital cost Rs. in Lacs :R-1: 100, R-2: 30, S-1: 60; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 10, R-2: 3, S-1:6	Capital cost Rs. in Lacs :R-1: 100, R-2: 30, S-1: 60; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 10, R-2: 3, S-1:6
3 STP	Capital cost Rs. in Lacs :R-1: 1000, R-2: 300, S-1: 600; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 100, R-2: 30, S-1:60	Capital cost Rs. in Lacs :R-1: 1000, R-2: 300, S-1: 600; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 100, R-2: 30, S-1:60
Energy	Capital cost Rs. in Lacs :R-1: 110, R-2: 0.6, S-1: 0.8; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 1.10, R-2: 1.4, S-1:0.2	Capital cost Rs. in Lacs :R-1: 110, R-2: 0.6, S-1: 0.8; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 1.10, R-2: 1.4, S-1:0.2
Total	Capital cost Rs. in Lacs :R-1: 1245, R-2: 404, S-1: 760; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 114.6, R-2: 35, S-1:68.80	Capital cost Rs. in Lacs :R-1: 1245, R-2: 404, S-1: 760; Operational and Maintenance cost (Rs. in Lacs/yr): R-1: 114.6, R-2: 35, S-1:68.80
Landscaping	Capital cost Rs. in Lacs: 55.00; Operational and Maintenance cost (Rs. in Lacs/yr):10.89	Capital cost Rs. in Lacs: 55.00; Operational and Maintenance cost (Rs. in Lacs/yr):10.89
Total	Capital cost Rs. in Lacs: 2464; Operational and Maintenance cost (Rs. in Lacs/yr): 229.29	Capital cost Rs. in Lacs: 2464; Operational and Maintenance cost (Rs. in Lacs/yr): 229.29
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 37
of 102


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

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Committee noted that, PP & Environment Consultant has not circulated the copy of EIA through email to Expert Members of Committee in advance. ***In view of above, the proposal is deferred and shall be considered only after the compliance of above.***

DECISION OF SEAC

Committee noted that, PP & Environment Consultant has not circulated the copy of EIA through email to Expert Members of Committee in advance. ***In view of above, the proposal is deferred and shall be considered only after the compliance of above.***

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

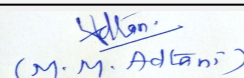
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21,
2019

Page 38
of 102



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


Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 103 Meeting Date June 21, 2019

Subject: Environment Clearance for Proposed S.R. Scheme of "Shivbhumi SRA CHS Ltd" is located at plots bearing C.T.S No. 330 (pt), 330/136 to 337, 330/350 to 379, 330/394 to 535 & 331, 331/1 to 20, 332, 332/1 TO 4, 333 and non slum plots bearing CTS No. 334, 335 & 336, 336/ 1 to 4 of Village-Mogra, Shankarwadi, situated at Western Express Highway, Jogeshwari (East), Mumbai-400060 By "M/s JLS Realty Private Limited"

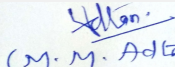
Is a Violation Case: No

1.Name of Project	SHIVBHUMI SRA CHS LTD
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajat Jhunjhunwala
4.Name of Consultant	Building Environment (India) Pvt.Ltd.
5.Type of project	Proposed SRA Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes . The project had received the Environmental Clearance Approval on 02nd December 2010
8.Location of the project	Proposed S.R. Scheme of "Shivbhumi SRA CHS Ltd" is located at plots bearing C.T.S No. 330 (pt), 330/136 to 337, 330/350 to 379, 330/394 to 535 & 331, 331/1 to 20, 332, 332/1 TO 4, 333 and non slum plots bearing CTS No. 334, 335 & 336, 336/ 1 to 4 of Village-Mogra, Shankarwadi, situated at Western Express Highway, Jogeshwari (East), Mumbai-400060
9.Taluka	Andheri
10.Village	Mogra
Correspondence Name:	M/s. JLS Realty Pvt Ltd
Room Number:	--
Floor:	3rd Floor
Building Name:	Corinthian
Road/Street Name:	Link Road
Locality:	Khar (West)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of greater Mumbai (MCGM).
12.IOD/IOA/Concession/Plan Approval Number	Revised LOI & IOA received on dated: 07/03/2018 IOD/IOA/Concession/Plan Approval Number: SRA/ENG/1751/KE/PL/LOI Approved Built-up Area: 75899
13.Note on the initiated work (If applicable)	<ul style="list-style-type: none"> The project had received the Environmental Clearance Approval on 02nd December 2010 for 9 Rehab & 1 Sale building for plot admeasuring 16,964 Sq. Mt. and having FSI of 53,736.72 Sq. Mt. • As per EC, out of 9 rehab buildings, 5 rehab buildings i.e. building no. 1, 2, 7, 8 & 9 have been completed., Rehab Building no. 3 & 10 are under-construction and the construction activity for the remaining rehab building and the sale building is yet to start. • Till date 18,320 Sq.mt of construction work has been completed as per EC.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Revised LOI & IOA received on dated: 07/03/2018
15.Total Plot Area (sq. m.)	As per earlier EC, Total plot area: 16,964.00 Sq.mt. Proposed : 21724.32 Sq.m
16.Deductions	1138.25 Sq.m
17.Net Plot area	20586.07 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 75,899.08 Sq.mt. b) Non FSI area (sq. m.): 53037.171 Sq.mt c) Total BUA area (sq. m.): 128936
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 75,899.08 Sq.mt. Approved Non FSI area (sq. m.): 53037.171 Sq.mt Date of Approval: 07-03-2018


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 39
of 102



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

19.Total ground coverage (m2)	8078.98 Sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39.24 %
21.Estimated cost of the project	5076700000

22.Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building no 1	Stilt + 1st to 8th Floors	26.55 M
2	Building no 2	Gr + 1st to 8th Floors.	26.55 M
3	Building no 3	Gr + 1st to 16th Floors.	49.75 M
4	Building no 4	Gr + 1st to 18th + 19th (pt) Floors.	58.45 M.
5	Building no 5 with 9 wings	Wing A,B,C & D: 3 Basement + Gr + 1st to 22nd residential floors. Wing E,F & G: 3 Basement + Gr + 1st to 22nd residential floors. Wing H & I: 3 Basement + Gr + 1st to 21st residential floors.	Wing A, B, C, D, E, F & G: 68.70 Mt Wing H & I: 65.80 Mt
6	Building no 7	Gr + 1st to 8th Floors.	26.55 M
7	Building no 8	Gr + 1st to 8th Floors.	26.55 M
8	Building no 9	Gr + 1st to 8th Floors.	26.55 M.
9	Building no 10	Gr + 1st to 16th Floors.	49.75 M.

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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21,
2019

Page 40
of 102

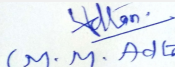

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SEAC-II)

23.Number of tenants and shops	<p>As per EC Obtained Rehab: Total no. of Flats: 468 nos. Total no. of Shops: 2 nos. R/C: 0 nos. PAP: 379 nos. Balwadi: 9 nos. Welfare Centre: 9 nos. Society Office: 9 nos. Temple: 0 Nos. Sale: Total no. of Flats: 376 nos. Shops: 22 nos. Proposed Addition Rehab : Total no. of Flats: 266 nos. Total no. of Shops: 58 nos. R/C: 5 nos. PAP: -- nos. Balwadi: 1 nos. Welfare Centre: 1 nos. Society Offices: 1 nos. Temple: 3 Nos. Sale: Total no. of Flats: 333 nos. Shops: -- nos. Total Rehab : Total no. of Flats: 734 nos. Total no. of Shops: 60 nos. R/C: 5 nos. PAP: 224 nos. Balwadi: 10 nos. Welfare Centre: 10 nos. Society Offices: 10 nos. Temple: 3 Nos. Sale: Total no. of Flats: 709 nos. Shops: 10 nos.</p>
24.Number of expected residents / users	Rehab: Flats: 3670 Nos. Shops: 180 Nos. R/C: 25 Nos. PAP: 1120 Nos. Balwadi: 100 Nos. Welfare Centre: 50 Nos. Society Offices: 50 Nos. Sale: Flats: 3545 Nos. Shops: 30 Nos.
25.Tenant density per hectare	993.00
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 M wide Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6 - 9 M
29.Existing structure (s) if any	There are slums on the project site which will be demolished.


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

**Page 41
of 102**


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

30.Details of the demolition with disposal (If applicable)	Slums will be demolished and the debris generated will be handed over to the authorized vendor.
---	---

31.Production Details


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

32.Total Water Requirement

Dry season:	Source of water	MCGM\STP
	Fresh water (CMD):	Rehab: 439 KLD & Sale : 320 KLD
	Recycled water - Flushing (CMD):	Rehab: 228 KLD & Sale : 161 KLD
	Recycled water - Gardening (CMD):	9.0
	Swimming pool make up (Cum):	--
	Total Water Requirement (CMD) :	Rehab: 667 KLD & Sale : 495 KLD
	Fire fighting - Underground water tank(CMD):	--
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	525 KLD
Wet season:	Source of water	MCGM\STP\RWH
	Fresh water (CMD):	Rehab: 439 KLD & Sale : 320 KLD
	Recycled water - Flushing (CMD):	Rehab: 228 KLD & Sale : 161 KLD
	Recycled water - Gardening (CMD):	--
	Swimming pool make up (Cum):	--
	Total Water Requirement (CMD) :	Rehab: 667 KLD & Sale : 495 KLD
	Fire fighting - Underground water tank(CMD):	--
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	534 KLD
Details of Swimming pool (If any)	Not applicable	

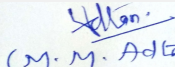
33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 42 of 102


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

Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 - 3 M below ground level
	Size and no of RWH tank(s) and Quantity:	Rehab: 8 RWH Tanks with total capacity of 131 KLD will be provided. Sale: 1 RWH Tank with total capacity of 121 KLD will be provided.
	Location of the RWH tank(s):	Basement Level for sale buildings.
	Quantity of recharge pits:	Due to shallow ground water table (3 m BGL), the site is unsuitable for ground water recharge and hence harvesting in tanks is suggested.
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Rs. 1500000 Lacs
	Budgetary allocation (O & M cost) :	Rs. 100000 Lacs/year
	Details of UGT tanks if any :	Location of UGT tanks : Basement Level

35.Storm water drainage	Natural water drainage pattern:	The arrangement for disposal of SW through and from the plot as per the remarks of SW department, MCGM.
	Quantity of storm water:	0.24 m3/sec
	Size of SWD:	600 mm wide with 1:300 slope

Sewage and Waste water	Sewage generation in KLD:	Rehab: 600.0 KLD Sale: 432.0 KLD
	STP technology:	For Existing Rehab Buildings. Wastewater produced on site is currently treated in Sewage Treatment Plant, which is working on 'SBR' technology For Proposed Rehab & Sale Buildings Wastewater produced on site will be treated in Sewage Treatment Plants, working on 'MBBR' technology
	Capacity of STP (CMD):	Rehab : 1 STP of capacity 340 KLD - On site 1 STP of capacity 270 KLD - Proposed Sale : 1 STP of capacity 450 KLD - Proposed
	Location & area of the STP:	Ground level
	Budgetary allocation (Capital cost):	Rs. 6500000 Lacs
	Budgetary allocation (O & M cost):	Rs. 800000 Lacs/year

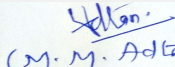
36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Debris and excavated material generated shall be disposed off by using covered trucks to the authorized sites with permission from MCGM.
	Disposal of the construction waste debris:	Construction debris shall be disposed off by using covered trucks to the authorized sites with the permission of MCGM.


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

**Page 43
of 102**


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

Waste generation in the operation Phase:	Dry waste:	Rehab: • Dry waste (Kg/day): 717.0 kg/day Sale: • Dry waste (Kg/day): 484.0 kg/day
	Wet waste:	Rehab: Wet waste (Kg/day): 1695.0 kg/day Sale: Wet waste (Kg/day): 1232.0 kg/day
	Hazardous waste:	Cannot be quantified at this stage as this is a residential project
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Rehab: • STP Sludge (Dry sludge) (Kg/day): 150 Sale: • STP Sludge (Dry sludge) (Kg/day): 108
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Handed over to MCGM
	Wet waste:	OWC & used at site / as manure
	Hazardous waste:	Shall be handed over to authorized common hazardous waste disposal site
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Used as manure within the premises for plants. Excess shall be sold /handover to outside parties or gardens.
	Others if any:	Not applicable
Area requirement:	Location(s):	Ground level.
	Area for the storage of waste & other material:	Rehab: Area provided for collection, segregation, storage : 84.0 sq.mt Sale: Area provided for collection, segregation, storage : 106.0 sq.mt
	Area for machinery:	Rehab: Area required: Cabin Space for OWC 500 = 5m x 5m = 25 Sq.m Sale: Area required: Cabin Space for OWC 500 = 5m x 5 m = 25 Sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 2400000 Lacs
	O & M cost:	Rs. 480000 Lacs/ year

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 44 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

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

41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	1723.44 Sq.mt.
	No of trees to be cut :	Application for tree NOC has been submitted to MCGM on 17.12.2018
	Number of trees to be planted :	86 Nos
	List of proposed native trees :	Nandruk, Palas,Kadamb,Neem,Sita ashok, Apta, Fish tail palm, Son chafa
	Timeline for completion of plantation :	6 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	Nandruk	Ficus retusa	10	Shady tree, good for roadside plantation
2	Palas	Butea monosperma	10	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
3	Kadamb	Anthocephalus cadamba	10	Shady, large deciduous tree, fastgrowing graceful tree, ball shaped flowers.
4	Neem	Azadirachta indica	16	Semi-evergreen tree with medicinal value
5	Sita ashok	Saraca indica	10	Shady tree with red-yellow flowers.
6	Apta	Bauhinia racemosa	10	Small tree with small white flowers, Butterfly host plant
7	Fish tail palm	Caryota urens	10	Tall evergreen tree
8	Son chafa	Michelia champaca	10	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
9	--	--	86	Total

45.Total quantity of plants on ground

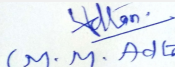
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 45
of 102


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

47. Energy

Power requirement:	Source of power supply :	Adani Electricity
	During Construction Phase: (Demand Load)	150 KW
	DG set as Power back-up during construction phase	--
	During Operation phase (Connected load):	Rehab: Connected Load: 6164 KW Sale: Connected Load: 12577 KW
	During Operation phase (Demand load):	Rehab: Maximum Demand: 2024 KW Sale: Maximum Demand: 4138 KW
	Transformer:	---
	DG set as Power back-up during operation phase:	Rehab: 1 DG set of capacity 400 KVA. Sale: 1 D.G. set of capacity 990 KVA each.
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	---

48. Energy saving by non-conventional method:

? All internal (Apartments) area lighting are proposed to work on high energy efficient lamps (LED as specified in bureau of energy efficiency, which results in saving in general consumption.
 ? The kitchen appliances like refrigerator, washing machine is proposed to be BEE compliant star rated machines which in turn saves minimum 20 % power as compared to non star rated machines.
 ? Solar energy will be used for common lighting.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	? All internal (Apartments) area lighting are proposed to work on high energy efficient lamps (LED as specified in bureau of energy efficiency, which results in saving in general consumption. ? The kitchen appliances like refrigerator, washing machine is proposed to be BEE compliant star rated machines which in turn saves minimum 20 % power as compared to non star rated machines. ? Solar energy will be used for common lighting.	Overall % saving: 31.78 % of energy saving for Rehab Buildings. Overall % saving: 32.69 % of energy saving for Sale Buildings.

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 8400000 Lacs
	O & M cost:	Rs. 500000 / year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 46 of 102	 Shri M.M. Adtani (Chairman SEAC-II)
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	PPE	--	5.0
2	Site Sanitation Facility	--	4.0
3	Drinking water facility	--	2.0
4	Solid Waste Management	--	2.5
5	Safety railing, platform, ladder, hoist, Cranes etc.	--	6.0
6	House keeping	--	2.0
7	Health Check	--	1.0
8	Environmental Monitoring	--	1.5
9	--	Total	24.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	--	65.00	8.0
2	Rain water harvesting	--	15.00	1.0
3	Gardening	--	2.66	0.11
4	Energy Saving	--	84.00	5.0
5	Cost for Treatment of biodegradable garbage in SWM	--	24.00	4.80
6	Environmental Monitoring	--	--	16.39
7	DMP	--	428.07	25.79
8	--	Total	618.73	61.09

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

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

52.Any Other Information

No Information Available

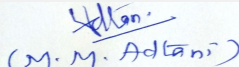
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 47
of 102


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

Parking details:	Number and area of basement:	3 nos. & Area : 25729.20 Sq.Mt
	Number and area of podia:	Not applicable
	Total Parking area:	25,395.72 Sq.mt
	Area per car:	39.27 Sq.mt.
	Area per car:	39.27 Sq.mt.
	Number of 2-Wheelers as approved by competent authority:	165 Nos.
	Number of 4-Wheelers as approved by competent authority:	628 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6 - 9 M
	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. 5.05 kms Powai Lake : Approx. 4.75 Km Vihar Lake : Approx. 6.07 Km Kanheri Cave : Approx. 10.00 Km Chandivali Lake : 4.82 Km
	Category as per schedule of EIA Notification sheet	Project falls in Category B2 of Projects and activity number 8(a) - Building & Construction Projects
	Court cases pending if any	No
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

Representative of PP Mr. Shantanu Jhunjhunwala was present during the meeting along with environmental consultant M/s. Building Environment (India) Pvt.Ltd.

PP informed that, the project under consideration is expansion proposed in SRA scheme project. PP further stated that, the total plot area of the project is 21724.32 Sq.m Sq.mt having total construction area 128936Sq. mt. (FSI - 75,899.08 Sq.mt + NON FSI- 53037.171Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building no 1	Stilt + 1st to 8th Floors	26.55
Building no 2	Gr + 1st to 8th Floors.	26.55
Building no 3	Gr + 1st to 16th Floors.	49.75
Building no 4	Gr + 1st to 18th + 19th (pt) Floors.	58.45
Building no 5 with 9 wings	Wing A,B,C & D: 3 Basement + Gr + 1st to 22nd residential floors. Wing E,F & G: 3 Basement + Gr + 1st to 22nd residential floors. Wing H & I: 3 Basement + Gr + 1st to 21st residential floors. Wing A, B, C, D, E, F & G: 68.70 Mt Wing H & I:	65.80
Building no 7	Gr + 1st to 8th Floors.	26.55
Building no 8	Gr + 1st to 8th Floors.	26.55
Building no 9	Gr + 1st to 8th Floors.	26.55
Building no 10	Gr + 1st to 16th Floors.	49.75

It is noted that, Project has received Environmental clearance vide letter dated 2/12/2010. PP stated that, till date 18320 Sq.mt Construction done on site. PP further stated that, 5 buildings constructed & occupation certificate for the same also received.

It is noted that the project earlier considered in 92nd SEAC-2 (Day-2) Meeting held on 15-03-2019 & deferred with observations namely 1) to submit the comparative statement regarding building wise constriction done on site (FSI, Non-FSI, Total built up area, current status) and also upload the copy of EC along with approved plan. 2) to upload the copy of Sale Deed dated 31st December 2013 3) to submit the dated architect certificate addressed to committee regarding construction done on site. Architect has also to clarify in writing that, the work carried out on site was from which month and year along with date on which work stopped on site. 4) to submit Contour and slope analysis super imposed with storm water drain, sewer line map in the project and 500 mtr around the project. PP to submit storm water drain design & detail calculations. 5) to provide clear 6 mt open space from compound wall.6) to achieve minimum 2% energy saving from solar energy instead of 1%. PP to submit the revised calculations for the same. 7) to submit the revised RG calculations. to also ensure that, total RG of the project should be 8% & it should be separate for both rehab & sale component. 8) to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area Accordingly, PP submitted the compliance which was taken on record.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to revise the Architect certificate stating building wise current status & upload the same.
- 2) PP to upload the copy of OCs received.
- 3) PP to upload the SRA approved layout plan.
- 4) PP to ensure that, storm water drains should be open & covered only by grills.
- 5) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC
- 6) PP to submit CER of 0.75% prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area, as identified by Environment Department.

FINAL RECOMMENDATION

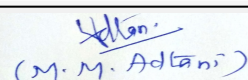
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 49
of 102



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


Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 103 Meeting Date June 21, 2019

Subject: Environment Clearance for Amendment in EC for Proposed S.R. Scheme on land bearing C.S. No. 177(pt), 180(pt), 183(pt), 184(pt), 185(pt), 186(pt), 187(pt), 188(pt), 189(pt), 190(pt), 191(pt), 192(pt), 193(pt), 195(pt), 196(pt), 197(pt), 198(pt), 202(pt), 215(pt) & 221(pt) of Dadar Naigaon Division in Sewree Wadala Estate Scheme No. 57 and C.S. no. 804(pt), 805(pt), 808(pt), 809(pt), 810, 811(pt) & 812(pt) in K/S ward of MCGM, Mumbai for "Mamta Sahakari Gruha Nirman Sanstha (Ltd.)"


Is a Violation Case: Yes

1.Name of Project	Amendment in EC for Proposed S.R. Scheme on land bearing C.S. No. 177(pt), 180(pt), 183(pt), 184(pt), 185(pt), 186(pt), 187(pt), 188(pt), 189(pt), 190(pt), 191(pt), 192(pt), 193(pt), 195(pt), 196(pt), 197(pt), 198(pt), 202(pt), 215(pt) & 221(pt) of Dadar Naigaon Division in Sewree Wadala Estate Scheme No. 57 and C.S. no. 804(pt), 805(pt), 808(pt), 809(pt), 810, 811(pt) & 812(pt) in K/S ward of MCGM, Mumbai for "Mamta Sahakari Gruha Nirman Sanstha (Ltd.)"
2.Type of institution	Private
3.Name of Project Proponent	M/s Shree Sukhakarta Developers Pvt. Ltd.
4.Name of Consultant	AQURA Enviro Projects Pvt. Ltd.
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	Yes Environmental Clearance Letter No. SEAC-2013/C.R.-318/TC-1 dated: 30th July 2013
8.Location of the project	Proposed S.R. Scheme on land bearing C.S. No. 177(pt), 180(pt), 183(pt), 184(pt), 185(pt), 186(pt), 187(pt), 188(pt), 189(pt), 190(pt), 191(pt), 192(pt), 193(pt), 195(pt), 196(pt), 197(pt), 198(pt), 202(pt), 215(pt) & 221(pt) of Dadar Naigaon Division in Sewree Wadala Estate Scheme No. 57 and C.S. no. 804(pt), 805(pt), 808(pt), 809(pt), 810, 811(pt) & 812(pt) in K/S ward of MCGM, Mumbai for "Mamta Sahakari Gruha Nirman Sanslha (Ltd.)"
9.Taluka	Mumbai
10.Village	Wadala
Correspondence Name:	Mr. Amit Ruparel
Room Number:	NA
Floor:	12th
Building Name:	Ruparel Iris
Road/Street Name:	Senapati Bapat Marg
Locality:	Matunga West Station
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	SRA/ENG/1596/FS/ML/LOI dated 29.12.2016 IOD/IOA/Concession/Plan Approval Number: SRA/ENG/1596/FS/ML/LOI dated 29.12.2016 Approved Built-up Area: 35656.90
13.Note on the initiated work (If applicable)	Sale Building :2B + G + 7Podium + 1 Amenity Floor + Residential 29 floors, Rehab Residential Building : 1B (Double Height) + Ground + 22 Floors. Total Constructed area till date is 71473.55 sq.m. as per earlier EC obtained with vide letter no. SEAC-2013/CR-318/TC-1
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	SRA/ENG/1596/FS/ML/LOI dated 29.12.2016
15.Total Plot Area (sq. m.)	10,602.44 Sq.mt
16.Deductions	1,465.88 Sq.mt. (DP R.G.), 1,771.08 Sq.mt. (Internal Road), 288.96 (15% RG TB Hospital), 1271.10 (Area under TATA transmission line)
17.Net Plot area	5805.42 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 35656.90 Sqm b) Non FSI area (sq. m.): 48080.43 Sq.m c) Total BUA area (sq. m.): 83737.33


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 50
of 102


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

18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 35656.90
	Approved Non FSI area (sq. m.): 48080.43
	Date of Approval: 29-12-2016
19.Total ground coverage (m2)	3477.60 Sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	32.80 %
21.Estimated cost of the project	4418200000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Building	1B (Double Height) + Ground + 22 upper Floors (G + 6 Residential Quarters for hospital Staff + Rehab residential flats & 7 to 22 rehab residential floors)	68.40
2	Sale Building	2B+G+7Podium+ Amenity floor + 46 Upper floors	196.10

23.Number of tenants and shops	Rehab Building: 540 flats Sale Building: 223 Flats Total Flats: 763
24.Number of expected residents / users	Rehab Building: 2160, Sale Building: 1154, total residents: 3314
25.Tenant density per hectare	681.56
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24.40 m JerbaiWadia road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5m - 9m
29.Existing structure (s) if any	Slums were demolished
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

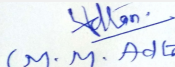
 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 51 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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Dry season:	Source of water	MCGM							
	Fresh water (CMD):	298							
	Recycled water - Flushing (CMD):	149							
	Recycled water - Gardening (CMD):	4							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	447							
	Fire fighting - Underground water tank(CMD):	650							
	Fire fighting - Overhead water tank(CMD):	80							
	Excess treated water	209							
Wet season:	Source of water	MCGM							
	Fresh water (CMD):	298							
	Recycled water - Flushing (CMD):	109							
	Recycled water - Gardening (CMD):	-							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	447							
	Fire fighting - Underground water tank(CMD):	650							
	Fire fighting - Overhead water tank(CMD):	80							
	Excess treated water	253							
Details of Swimming pool (If any)		3 CMD from tanker							
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


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 52
of 102


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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	between 3.0 to 3.5 m below ground
	Size and no of RWH tank(s) and Quantity:	Sale - 2 day capacity of 36 cum tank, Rehab - 2 day capacity of 44 cum tank
	Location of the RWH tank(s):	Rehab: Basement, Sale: Basement
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	12 Lakh
	Budgetary allocation (O & M cost) :	1 Lakh per annum
	Details of UGT tanks if any :	Domestic: Rehab 195 CMD + Sale 105 CMD = Total 300 CMD Flushing: Rehab 100 CMD + Sale 52 CMD = Total 152 CMD Rain water harvesting tank: Rehab 44 CMD + Sale 36 CMD = Total 80 CMD Fire Fighting : Rehab 250 CMD + Sale 400 CMD = Total 650 CMD
35.Storm water drainage	Natural water drainage pattern:	Storm water drain is laid at a slope of 1: 350 to the municipal outfall outside the plot. Rainwater from site shall be collected by network of storm water piping system through catch basins and storm channel & then allowed to connect to the public storm water line outside the plot boundary.
	Quantity of storm water:	0.34 cum/s
	Size of SWD:	600 mm and 1000mm wide drain channel
Sewage and Waste water	Sewage generation in KLD:	403 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	2 nos of STP, Rehab: 265 KLD, Sale: 140 KLD
	Location & area of the STP:	Below Ground - Area of STP - Rehab: 200 Sq. m, Sale: 90 Sq. m
	Budgetary allocation (Capital cost):	80 Lakh
	Budgetary allocation (O & M cost):	10.5 Lakh per annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris
	Disposal of the construction waste debris:	Disposal of construction waste will be as per Construction and Demolition and De-silting Waste (Management and Disposal) Rules 2006 at the designated site as directed by the MCGM.
Waste generation in the operation Phase:	Dry waste:	895 Kg/day
	Wet waste:	597 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	42 Kg/day
	Others if any:	NA
Mr. Surykant Nikam (Secretary SEAC-II)		SEAC Meeting No: 103 Meeting Date: June 21, 2019
		Page 53 of 102
		Shri M.M.Adtani (Chairman SEAC-II)

Mode of Disposal of waste:	Dry waste:	Dry waste would be further segregated into recyclable and non-recyclable. Recyclable will be handed over to authorize vendors and non-recyclable will be disposed off at MCGM landfill sites
	Wet waste:	Wet Garbage will be treated in Mechanical Composting Unit. Organic Waste Converter (OWC) and the compost generated would be used as manure for gardening purpose and excess would be sold to authorize vendors.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dry sludge would be used as manure for gardening purpose and excess would be sold to authorize vendors.
	Others if any:	NA
Area requirement:	Location(s):	On Ground
	Area for the storage of waste & other material:	Area 40 Sq. m
	Area for machinery:	Total for 2 OWC - Area 20 Sq. m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20 Lakh
	O & M cost:	3.5 Lakh per annum

37. Effluent Characteristics

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

38. Hazardous Waste Details


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

39. Stacks emission Details

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

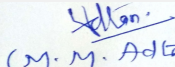
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
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Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 54 of 102

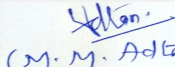

Shri M.M. Adtani (Chairman SEAC-II)

1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	625.11 Sq. m		
	No of trees to be cut :	Nil		
	Number of trees to be planted :	44		
	List of proposed native trees :	Sita Ashok, Bakul, Neem, Parijatak, Kadamb		
	Timeline for completion of plantation :	After Completion of construction work		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saraca asoka	Sita Ashok	10	Shady tree with red-yellow flowers
2	Mimusops elengi	Bakul	8	Shady Tree, white fragrant flowers
3	Azadiracta indica	Neem	9	Large Tree with medicinal value
4	Nyctanthes arbortristis	Parijatak	8	Large tree, good for roadside plantation
5	Anthocephallus cadamba	Kadamb	9	Shady, large tree, ball shaped flowers.
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
47.Energy				


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 55
of 102


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

Power requirement:	Source of power supply :	B.E.S.T.
	During Construction Phase: (Demand Load)	240 KW
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	8849 KW
	During Operation phase (Demand load):	7079.2 KW
	Transformer:	Transformer size will be decided by vendor
	DG set as Power back-up during operation phase:	2 nos of DG set with 1250 KVA & 630 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

48. Energy saving by non-conventional method:

Use of Solar PV panels for common area lighting
Use of Solar Hot Water Geyser

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar power + ECBC Savings	15%

50. Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	60 lakh
	O & M cost:	2.5 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	Water Environment	Drinking water	1.0
2	Health	Sanitation	2.0
3	Health	Health check up	1.0
4	Air Environment	Water for dust suppression	1.0

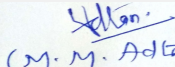
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 56 of 102


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

1	STP & Sewerage network	2 nos of STP, Rehab: 265 KLD, Sale: 140 KLD	80	10.5
2	RWH System	Sale - 2 day capacity of 36 cum tank, Rehab - 2 day capacity of 44 cum tank	12	1
3	Environmental Monitoring	6 monthly monitoring	0	5
4	Solid Waste Management	Organic waste Converter	20	3.5
5	Solar Installation	Solar PV panels & Solar Hot water geyser	60	2.5
6	Landscaping	Plantation & Maintenance of trees	10	1

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


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

52.Any Other Information

No Information Available

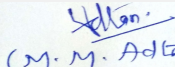
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 57
of 102

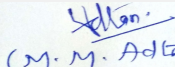

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Shri M.M.Adtani (Chairman SEAC-II)

Parking details:	Number and area of basement:	Rehab - 1 Basement - 2090.62 Sq. M. , Sale - 2 Basements: 4456.09 Sq. M.
	Number and area of podia:	Sale - 7 Podium - Area: 10739.19 Sq. M
	Total Parking area:	10739.19 Sq. M.
	Area per car:	13.75 sq. m
	Area per car:	13.75 sq. m
	Number of 2-Wheelers as approved by competent authority:	50
	Number of 4-Wheelers as approved by competent authority:	248
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Category 'B' 8(a) {Building and Construction projects = 20,000 sq. m. and <1,50,000 sq. m. of built-up area }
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-04-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 58
of 102


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

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

PP informed that, the project under consideration is *proposed expansion SRA scheme*. PP further stated that, the total plot area of the project is 10,602.44Sq.mt. having total construction area 83737.33 Sq.mt. (FSI - 35656.90 Sq.mt. + NON FSI- 48080.43Sq.mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Rehab Building	1B (Double Height) + Ground + 22 upper Floors (G + 6 Residential Quarters for hospital Staff + Rehab residential flats & 7 to 22 rehab residential floors) 68.401B (Double Height) + Ground + 22 upper Floors (G + 6 Residential Quarters for hospital Staff + Rehab residential flats & 7 to 22 rehab residential floors)	68.40
Sale Building	2B+G+7Podium+ Amenity floor + 46 Upper floors	196.10

It is noted that, Project has received Environmental clearance vide letter dated 30th July 2013.

It is noted that the project earlier considered in 89th SEAC-2 Meeting held on 20-02-2019 & deferred as PP requested to time to submit his say on the proposal. Accordingly, PP submitted his say which was taken on record.


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

DECISION OF SEAC

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

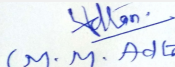
Specific Conditions by SEAC:

1) PP to submit the chronology of the project & explanatory note regarding underground services provided for Rehab building. Also to mentioned the environmental impact of the same.


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21,
2019

Page 59
of 102


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

FINAL RECOMMENDATION

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

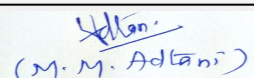
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Mr. Surykant Nikam
(Secretary SEAC-II)

**SEAC Meeting No: 103 Meeting Date: June 21,
2019**

**Page 60
of 102**



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


Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 103 Meeting Date June 21, 2019

Subject: Environment Clearance for Proposed Residential Project - Shri Vasari Hills CHS (SRA Scheme) at Plot bearing CTS No. 1376, 1376/1 to 9, 1377 (Pt), 1377/1 to 42, 1377/43 (Pt), 1377/44 (Pt), 1377/45 to 47, 1378(Pt), 1378/1 to 14, 1378/18(Pt), 1378/19(Pt), 1378/22 to 26, 1379, 1379/1 to 21, 1380/1 to 11, Village - Malad, near Goregoan telephone exchange, Goregoan mulund link road, Malad - W, Mumbai 400064 by M/s. Shree Laxmidevi Developers

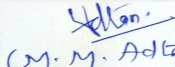
Is a Violation Case: No

1.Name of Project	Shri Vasari Hills CHS (SRA Scheme), by M/s. Shree Laxmidevi Developers
2.Type of institution	Private
3.Name of Project Proponent	M/s. Shree Laxmidevi Developers
4.Name of Consultant	M/s. Enviro Analysts and Engineers Private Limited
5.Type of project	SRA Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	CTS No. 1376, 1376/1 to 9, 1377 (Pt), 1377/1 to 42, 1377/43 (Pt), 1377/44 (Pt), 1377/45 to 47, 1378(Pt), 1378/1 to 14, 1378/18(Pt), 1378/19(Pt), 1378/22 to 26, 1379, 1379/1 to 21, 1380/1 to 11, Village - Malad, near Goregoan telephone exchange, Goregoan mulund link road, Malad - W, Mumbai 400064
9.Taluka	Borivali
10.Village	Malad
Correspondence Name:	M/s. Shree Laxmidevi Developers
Room Number:	-
Floor:	11th floor
Building Name:	Laxmi Villa CHS
Road/Street Name:	Road No. 03, Jawahar nagar
Locality:	Goregaon (W)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: IOA for Sale building vide letter no. SRA/ENG/PS/STGOVT/008/2009/1016 dtd 26.07.2017 and IOA for Rehab building vide letter no. SRA/ENG/PS/STGOVT/0008/2009/1016 dtd 19.07.2017 Approved Built-up Area: 12192.80
13.Note on the initiated work (If applicable)	Total of 214 nos. of slums were on site out of which 183 nos. of slums are already demolished. Excavation of rehab building is started.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI is granted vide letter no SRA/ENG/2268/PS/STGL/LOI dated on 10th July 2017
15.Total Plot Area (sq. m.)	3048.20 sq.m
16.Deductions	107.30 sqm (road set-back area)
17.Net Plot area	2940.90 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 14540.20 b) Non FSI area (sq. m.): 13247.41 c) Total BUA area (sq. m.): 27787.61
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12192.80 Approved Non FSI area (sq. m.): - Date of Approval: 26-07-2017
19.Total ground coverage (m2)	1685.30


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 61
of 102


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

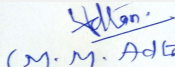
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		55.29 %		
21.Estimated cost of the project		897700000		
22.Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors		Height of the building (Mtrs)
1	Rehab Building	Service Basement + Gr./St. + 1st to 23rd Floors		69.90
2	Sale Building	Lower Basement + Upper basement + Gr. + Podium + 2nd to 20th floor		69.99
23.Number of tenants and shops		Rehab Building: Flats: 198 Shops: 5 Balwadi: 3 Welfare Center: 3 Society Office: 2 and Sale Building: Flats: 74 Amenities: 2		
24.Number of expected residents / users		1304 nos.		
25.Tenant density per hectare		941		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		27.45 m wide D.P road		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		Minimum 9.00 m		
29.Existing structure (s) if any		Slums		
30.Details of the demolition with disposal (If applicable)		Total of 214 nos. of slums were on site out of which 183 nos. of slums are already demolished and remaining will be demolished as per the debris management plan		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

Dry season:	Source of water	MCGM/ recycled water from STP							
	Fresh water (CMD):	116							
	Recycled water - Flushing (CMD):	58							
	Recycled water - Gardening (CMD):	1							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	175							
	Fire fighting - Underground water tank(CMD):	400							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	87 KLD							
Wet season:	Source of water	MCGM/ recycled water from STP/ RWH							
	Fresh water (CMD):	116							
	Recycled water - Flushing (CMD):	58							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	174							
	Fire fighting - Underground water tank(CMD):	400							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	88 KLD							
Details of Swimming pool (If any)	Nil								
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


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 63
of 102


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


34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3.0 m - 4.5 m
	Size and no of RWH tank(s) and Quantity:	2 nos. of tanks with total capacity of 65 cum
	Location of the RWH tank(s):	Underground Water tanks
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Rs. 10.80 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 1.00 Lakhs/year
	Details of UGT tanks if any :	Domestic water tanks: 174 cum Flushing water tanks: 87 cum Firefighting water tanks: 400 cum RWH tanks: 65 cum

35.Storm water drainage	Natural water drainage pattern:	NW to SE
	Quantity of storm water:	0.096 m3/sec
	Size of SWD:	450 mm X 300 mm

Sewage and Waste water	Sewage generation in KLD:	141
	STP technology:	MBBR
	Capacity of STP (CMD):	1 STP and Capacity 160 KLD
	Location & area of the STP:	Ground level. Area: 150 sqm
	Budgetary allocation (Capital cost):	Rs. 40.00 Lakhs
	Budgetary allocation (O & M cost):	Rs. 10.00 Lakhs / year

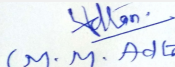
36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Recyclable waste will be generated like empty cement bags & cans, scrap metal etc. Debris & construction waste shall be generated.
	Disposal of the construction waste debris:	Recyclable waste like empty cement bags & empty paint cans shall be handed over to local vendors. Broken tiles shall be used for china mosaic of terrace. Scrap metals shall be sold to recyclers
Waste generation in the operation Phase:	Dry waste:	259 kg/day
	Wet waste:	383 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	7 kg/day
	Others if any:	NA


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 64
of 102


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

Mode of Disposal of waste:	Dry waste:	Will be hand over to Local Recyclers for recycling.
	Wet waste:	Will be processed in the OWC. manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as manure
	Others if any:	NA
Area requirement:	Location(s):	Ground Level
	Area for the storage of waste & other material:	33 sq.m
	Area for machinery:	5 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 8.00 lakhs
	O & M cost:	Rs. 2.50 Lakhs/year

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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


39.Stacks emission Details

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

40.Details of Fuel to be used

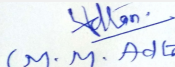
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41.Source of Fuel	Not applicable
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Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 65
of 102


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

42.Mode of Transportation of fuel to site	Not applicable
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43.Green Belt Development	Total RG area :	246.98 sq.m
	No of trees to be cut :	0
	Number of trees to be planted :	38 no's
	List of proposed native trees :	as per listed below
	Timeline for completion of plantation :	As soon as construction work completed

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	9	Medicinal tree
2	Michelia champaca	Son Chafa	3	Flowering tree
3	Anthocephalus cadamba	Kadamb	7	Evergreen tree
4	Saraca asoca	Sita Ashok	10	Evergreen tree
5	Mimusops elengi	Bakul	9	Evergreen tree

45.Total quantity of plants on ground

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

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

47.Energy

Power requirement:	Source of power supply :	Reliance Energy
	During Construction Phase: (Demand Load)	40 kW
	DG set as Power back-up during construction phase	50 kVA
	During Operation phase (Connected load):	3590 kW
	During Operation phase (Demand load):	1304 kW
	Transformer:	1 X 1000 kVA
	DG set as Power back-up during operation phase:	2 X 250 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 66 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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48. Energy saving by non-conventional method:				
<ul style="list-style-type: none"> • Using LED lights instead of conventional CFL lights • Using efficient motors and starters • Using BEE star rated electrical equipment 				
49. Detail calculations & % of saving:				
Serial Number	Energy Conservation Measures			Saving %
1	Total energy savings			19 %
50. Details of pollution control Systems				
Source	Existing pollution control system			Proposed to be installed
Not applicable	Not applicable			Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20.00 Lakhs		
	O & M cost:	Rs. 1.00 Lakhs/year		
51. Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	4.0	
2	Noise Environment	Noise Baricades and Green Belt Developments	3.0	
3	Water Environment	Modular STP, Drainage with sedimentation tanks	3.0	
4	Good Health Practices	Site Sanitation & Health Care	3.0	
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	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	STP	40.00	10.00
2	water conservation	RWH	10.80	1.00
3	Solid waste management	OWC	8.00	2.50
4	Energy savings	Solar	20.00	1.00
5	Land Environment	Landscape	5.70	1.15
51. Storage of chemicals (inflammable/explosive/hazardous/toxic substances)				


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

52. Any Other Information

No Information Available

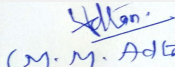
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	3 nos. of entry & exit
Parking details:	Number and area of basement:	No. of Basement for Rehab building: 1 no and Sale building: 2 no's , Area of Basement: 3642.2 sqm
	Number and area of podia:	No. of Podia for Sale building: 1 no, Area of Podia for Sale building: 1066.76 sqm
	Total Parking area:	5851.15 sq.m
	Area per car:	Area for Big Car: 13.75 sqm and Area for Small Car: 10.35 sqm
	Area per car:	Area for Big Car: 13.75 sqm and Area for Small Car: 10.35 sqm
	Number of 2-Wheelers as approved by competent authority:	nil
	Number of 4-Wheelers as approved by competent authority:	136 nos
	Public Transport:	Nil
	Width of all Internal roads (m):	Minimum 6.00 m wide
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park (1.83 km)
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	NA
	Other Relevant Informations	NA


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 68
of 102


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

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

Representative of PP Mr. Bharat Kothari was present during the meeting along with environmental consultant M/s. Enviro Analysts and Engineers Private Limited.

PP informed that, the project under consideration is new SRA scheme project. PP further stated that, the total plot area of the project is 3048.20 Sq.mt. having total construction area 29660.69.mt. (FSI - 16413.28sq.mt + NON FSI- 13247.41sq.mt) and the building configuration is as follow-


Building Name & number	Number of floors	Height (Mtrs)
Rehab Building	Service Basement + Gr./St. + 1 st to 23rd Floors	69.90
Sale Building	Lower Basement + Upper basement + Gr. + Podium + 2nd to 20th floor	69.99

PP stated that, the project consists of construction of two buildings i.e. 1 Rehab Building and 1 Sale Building. PP further stated that, revised LOI received vide letter dated 17-10-2018. PP informed that, total 214 no's of slums were present on site out of which 183 no's of slums are already demolished and construction work has started & till date total construction work done on site is 8918.05 sq.mt.

It is noted that the project earlier considered in 74th SEAC-2 (Meeting held on 15-10-2018) & deferred as PP was absent.

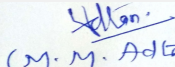
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of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

DECISION OF SEAC


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21,
2019

Page 70
of 102


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

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

Specific Conditions by SEAC:

- 1) PP stated that, there is change in FSI, NoN- FSI & total built up area stated in the CS. PP circulated the copy of revise CS. PP to revise the online CS.
- 2) PP to upload the plan submitted to the SRA for which revised LOI issued.
- 3) PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority.
- 4) PP to abide the all conditions mentioned in Nalla remarks.
- 5) PP to ensure that RG should be also accessible to rehab section or to provide RG on ground equal to area of STP in Rehab section. Accordingly, PP to submit the revised STP design.
- 6) PP to provide the letter from SRA regarding number of car parking to be provided.
- 7) PP to ensure that, outfall of drain should be above High Flood Line

FINAL RECOMMENDATION

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

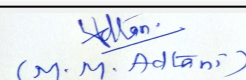
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Mr. Surykant Nikam
(Secretary SEAC-II)

**SEAC Meeting No: 103 Meeting Date: June 21,
2019**

**Page 71
of 102**



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

Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 103 Meeting Date June 21, 2019

Subject: Environment Clearance for Extension of Earlier Obtained EC for proposed S. R. A. Scheme at Plot bearing C. T. S. no. 510, 510/1 to 8, 1, 1/1 to 16, 514, 514/1 to 518 A/2, 561 & 561/1 to 14 of Village at Kanheri, Taluka - Borivali, Borivali (East), Mumbai - 400 066, known as "Sangarsh CHS".

Is a Violation Case: No

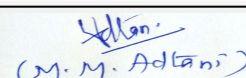
1.Name of Project	Residential building known as "Sangarsh CHS"
2.Type of institution	Private
3.Name of Project Proponent	M/s. KMC Developers
4.Name of Consultant	AQURA Enviro Projects Pvt. Ltd.
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification 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	C. T. S. no. 510, 510/1 to 8, 1, 1/1 to 16, 514, 514/1 to 518 A/2, 561 & 561/1 to 14
9.Taluka	Borivali
10.Village	Kanheri
Correspondence Name:	Mr. Vijay Shah
Room Number:	901
Floor:	9th Floor
Building Name:	Hall mark Business Plaza
Road/Street Name:	Gurunanak Hospital Road
Locality:	Bandra (East)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	LOI from SRA vide letter No. SRA/ENG/1966/RC/STGL/LOI dated: 24th Nov 2009 IOD/IOA/Concession/Plan Approval Number: LOI from SRA vide letter No. SRA/ENG/1966/RC/STGL/LOI dated: 24th Nov 2009 Approved Built-up Area: 22213.83
13.Note on the initiated work (If applicable)	Slums have been cleared on site and the excavation work has been initiated.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI from SRA vide letter No. SRA/ENG/1966/RC/STGL/LOI dated: 24th Nov 2009
15.Total Plot Area (sq. m.)	7404.80 Sq. M.
16.Deductions	107.52 Sq. M. (Area under 9.00 m wide existing road)
17.Net Plot area	7297.28 Sq. M.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 22205.45 Sq. M. b) Non FSI area (sq. m.): 15243.08 Sq. M. c) Total BUA area (sq. m.): 37448.53
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 22205.45 Sq. M. Approved Non FSI area (sq. m.): 15243.08 Sq. M. Date of Approval: 24-11-2009
19.Total ground coverage (m2)	Data not available as per Old EC
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Data not available as per Old EC
21.Estimated cost of the project	522500000



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 72
of 102



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

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 Building comprising of 4 Wings	Ground + 17 Floors	Approx. 52.7 m
2	Sale Building - Building no. 1	Ground + 3 Podiums + 26 Floors	Approx. 86.6 m
3	Sale Building - Building no. 2	Ground + 7 Floors	Approx. 21.7 m

23.Number of tenants and shops	1 Building comprising of 4 Wings: 362 Flats + 4 Balwadi + 3 Rehabilitation components + 4 Welfare center + 4 Society offices Sale Building Building no. 1: 121 Flats Building no. 2: 14 Flats Total: 497 + 15 = 512		
24.Number of expected residents / users	2485		
25.Tenant density per hectare	1840		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	9.00 m wide D. P. Road (North) and 60.00 m wide Eastern Express Highway		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m wide access		
29.Existing structure (s) if any	Slums		
30.Details of the demolition with disposal (If applicable)	Slums present on the site will be demolished by taking prior permission from competent Authority and will be disposed Off as per the "Construction & Demolition waste management rules 2016"		


31.Production Details

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

32.Total Water Requirement

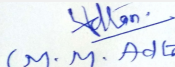
 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 73 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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Dry season:	Source of water	MCGM							
	Fresh water (CMD):	227							
	Recycled water - Flushing (CMD):	118							
	Recycled water - Gardening (CMD):	16							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	345							
	Fire fighting - Underground water tank(CMD):	200 for each wing							
	Fire fighting - Overhead water tank(CMD):	25 for each wing							
	Excess treated water	148							
Wet season:	Source of water	MCGM							
	Fresh water (CMD):	227							
	Recycled water - Flushing (CMD):	118							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	00							
	Total Water Requirement (CMD) :	345							
	Fire fighting - Underground water tank(CMD):	200 for each wing							
	Fire fighting - Overhead water tank(CMD):	25 for each wing							
	Excess treated water	164							
Details of Swimming pool (If any)		Not Applicable							
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 74
of 102


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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Approx. 2.5 m below ground
	Size and no of RWH tank(s) and Quantity:	102 CUM
	Location of the RWH tank(s):	Below Ground
	Quantity of recharge pits:	7 Nos.
	Size of recharge pits :	3 m Dia x 3 m depth
	Budgetary allocation (Capital cost) :	Rs. 10 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2 Lakhs per annum
	Details of UGT tanks if any :	Domestic Water Tank - 227 CMD Flushing Water Tank - 118 CMD Rain Water Harvesting Tank - 102 CMD Fire Water Tank - 1000 CMD
35.Storm water drainage	Natural water drainage pattern:	Connected to MCGM Storm water drain
	Quantity of storm water:	Data not available as per Old EC.
	Size of SWD:	0.6 x 0.6 m, Slope 1:300
Sewage and Waste water	Sewage generation in KLD:	296 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	2 STPs for Rehab: 110 KLD & 1 STP for Sale: 90 KLD
	Location & area of the STP:	Below Ground; Area= Approx. 200 Sq. M.
	Budgetary allocation (Capital cost):	Rs. 48 Lakhs
	Budgetary allocation (O & M cost):	Rs. 15 Lakhs per annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Debris & construction waste shall be generated. Recyclable waste will be generated like empty cement bags & cans, scrap metal etc.
	Disposal of the construction waste debris:	Recyclable waste like empty cement bags & empty paint cans shall be handed over to local vendors. Broken tiles shall be used for china mosaic of terrace. Scrap metals shall be sold to recyclers. Disposal of construction waste will be as per "Construction and Demolition waste management Rules 2016.
Waste generation in the operation Phase:	Dry waste:	803 Kg/Day
	Wet waste:	344 Kg/Day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	44 Kg/Day
	Others if any:	Not Applicable
 Mr. Surykant Nikam (Secretary SEAC-II)		SEAC Meeting No: 103 Meeting Date: June 21, 2019
		Page 75 of 102
		 Shri M.M.Adtani (Chairman SEAC-II)

Mode of Disposal of waste:	Dry waste:	Dry waste would be further segregated into recyclable and non-recyclable. Recyclable will be handed over to authorize vendors and non-recyclable will be disposed off to authorized site.
	Wet waste:	Wet Garbage will be treated in Mechanical Composting Unit 'Organic Waste Converter' (OWC) and the compost generated would be used as manure for gardening purpose and excess would be disposed off to landfill site or would be sold to authorize vendors.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Dry sludge would be used as manure for gardening purpose and excess would be sold to authorize vendors.
	Others if any:	Not Applicable
Area requirement:	Location(s):	Ground Level
	Area for the storage of waste & other material:	Approx. 100 Sq. M.
	Area for machinery:	30 Sq. M.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	20 Lakhs
	O & M cost:	7 Lakhs/ Year

37. Effluent Characteristics

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

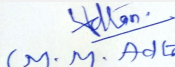
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 76
of 102

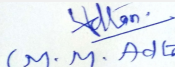

(M. M. Adtani)
Shri M.M. Adtani (Chairman SEAC-II)

1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	2312.06 Sq. M.		
	No of trees to be cut :	00		
	Number of trees to be planted :	181		
	List of proposed native trees :	Neem, Sita Ashok, Son chafa,		
	Timeline for completion of plantation :	After completion of construction work		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadiracta indica	Neem	61	Large tree, good for roadside plantation
2	Saraca asoka	Sita Ashok	60	Shady tree with red-yellow flowers.
3	Michelia champaca	Sita Ashok	60	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	Not applicable	Not applicable	Not applicable	
47.Energy				


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 77
of 102


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

Power requirement:	Source of power supply :	Reliance Energy
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	1200.33 KVA for Rehab & 720.20 KVA for sale
	During Operation phase (Demand load):	966.16 KVA for Rehab & 579.69 KVA for sale
	Transformer:	Transformer size will be decided by the supplier.
	DG set as Power back-up during operation phase:	2 Nos. of 200 KVA
	Fuel used:	LDO
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

Solar operated pole lights will be proposed to power pathway lights at some strategic locations.
Solar water heating for flats.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	CFL/T5 lamps will be used wherever possible	Data Not Available as per old EC Letter
2	All fluorescent light fixtures will be specified to incorporate electronic chokes which have less watt-loss compared to electromagnetic chokes and result in superior operating power factor. Electronic chokes also improve the life of the fluorescent lamps.	Data Not Available as per old EC Letter
3	The UPS will be specified with high input power factor (close to unity) so that input KVA is restricted.	Data Not Available as per old EC Letter
4	Copper conductor cables will be specified for sizes of 16 Sq. mm. and below, this will reduce losses and improve reliability.	Data Not Available as per old EC Letter

50. Details of pollution control Systems


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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 40 Lakhs
	O & M cost:	Rs. 10 Lakhs per annum

51. Environmental Management plan Budgetary Allocation

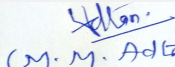
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 78
of 102


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


1	Air Environment	Water for dust Suppression	0.5
2	Air Environment	Tyre cleaning and Vehicle maintenance	0.5
3	Air Environment	Traffic Management (Sign Boards, Persons at entry exit and Parking area)	0.1
4	Drinking water	Potable Water Supply	1.0
5	Socio-economic Environment	Site sanitation Facility and its maintenance	1.0
6	Health & Safety	Health check-up & first aid	1.0
7	Health & Safety	Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	5.0
8	Health & Safety	Safety Training to Workers (Twice in Year), Safety Officer	0.5
9	Health & Safety	Safety nets	0.25
10	Health & Safety	Disinfection at Site	0.5
11	Environment management	Environmental Monitoring	5.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP & Sewerage network	2 STPs for Rehab: 110 KLD & 1 STP for Sale: 90 KLD	48	15
2	RWH System	Rain water Harvesting Tank of 102 CUM & 7 Recharge Pits	10	2
3	Environmental Monitoring	Environmental Monitoring	00	7
4	Solid Waste Management	Cost for treatment of 344 Kg/Day of Biodegradable waste	20	7
5	Energy Saving Measures	Energy Saving Measures	40	8
6	Landscaping	Tree Plantation	40	10

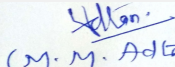
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

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

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 79
of 102

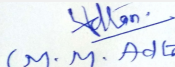

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Shri M.M.Adtani (Chairman SEAC-II)

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	1 = Junction of Road No. 2 and Ali Yavar Jung Road					
Parking details:	Number and area of basement:	NA					
	Number and area of podia:	3 Podium					
	Total Parking area:	5188.06 Sq. M.					
	Area per car:	29 Sq. M.					
	Area per car:	29 Sq. M.					
	Number of 2-Wheelers as approved by competent authority:	00 Nos.					
	Number of 4-Wheelers as approved by competent authority:	178 Nos.					
	Public Transport:	Nil					
	Width of all Internal roads (m):	6 m					
	CRZ/ RRZ clearance obtain, if any:	Not Applicable					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Approx. 300 m - E					
	Category as per schedule of EIA Notification sheet	Category 'B'					
	Court cases pending if any	None					
	Other Relevant Informations	None					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS							
Summorised in brief information of Project as below.							


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 80 of 102


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

Brief information of the project by SEAC

Representative of PP was present during the meeting along with environmental consultant M/s. AQURA Enviro Projects Pvt. Ltd.

It is noted that representative of PP not submitted the proper authority letter. PP to submit the same along with copy of company resolution.

DECISION OF SEAC

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

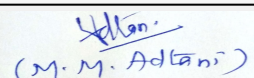
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Mr. Surykant Nikam
(Secretary SEAC-II)

**SEAC Meeting No: 103 Meeting Date: June 21,
2019**

**Page 81
of 102**



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

Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)


SEAC Meeting number: 103 Meeting Date June 21, 2019

Subject: Environment Clearance for Amendment in Environmental Clearance for proposed residential project

Is a Violation Case: No

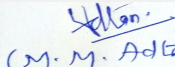
1.Name of Project	Unnathi Estate
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajan Bandelkar; Unnathi Estate
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Obtained Prior EC vide No. SEAC-2010/CR-686/TC.2 dated 30.07.2013
8.Location of the project	proposed residential project "Unnathi Woods" on Plot bearing S. No 246, 247/1 & 247/2 of Village Kavesar, Ghodbunder Road, Thane, Maharashtra
9.Taluka	Thane
10.Village	Kavesar
Correspondence Name:	Mr. Rajan Bandelkar; Unnathi Estate
Room Number:	Plot no. 1
Floor:	-
Building Name:	Mohan Mill Compound
Road/Street Name:	Ghodbunder Road
Locality:	Next to Audi Thane
City:	Thane 400607
11.Whether in Corporation / Municipal / other area	Thane Municipal Corporation (TMC)
12.IOD/IOA/Concession/Plan Approval Number	Plane Approved by TMC
	IOD/IOA/Concession/Plan Approval Number: VP No. S06/0034/09 TMC/TDD/1951/16 dated 14.10.2016
	Approved Built-up Area: 12881.73
13.Note on the initiated work (If applicable)	As of today we have constructed 7965.49 (Bldg. G1+G2) m2 area
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	11,230.00 m2
16.Deductions	-
17.Net Plot area	11,230.00 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 20,313.45 m2
	b) Non FSI area (sq. m.): 12,219.72 m2
	c) Total BUA area (sq. m.): 32533.17
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 20313.45
	Approved Non FSI area (sq. m.): 12219.72
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	2691.68 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24%
21.Estimated cost of the project	650000000

22.Number of buildings & its configuration


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 82
of 102

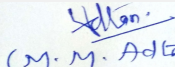

(M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Bldg. G1	St + 13th Upper Floors	39.96	
2	Bldg. G2	St + 17th Upper Floors	51.95	
3	Bldg. G3	St + 21nd Upper Floors	63.55	
4	Bldg. G4	St + 22nd Upper Floors	66.45	
23.Number of tenants and shops		Flats: 566 Nos.		
24.Number of expected residents / users		2830 Nos.		
25.Tenant density per hectare		300 Tenement/Hector		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		The proposed project is accessible by 30 m wide DP Road on East Side and 20 m wide DP road on south side		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		6 - 9 m		
29.Existing structure (s) if any		Nil		
30.Details of the demolition with disposal (If applicable)		Amendment Project		
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				



Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 83
of 102

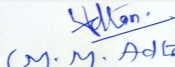

 (M. M. Adtani)
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Dry season:	Source of water	TMC							
	Fresh water (CMD):	255							
	Recycled water - Flushing (CMD):	127							
	Recycled water - Gardening (CMD):	14							
	Swimming pool make up (Cum):	Nil							
	Total Water Requirement (CMD) :	382							
	Fire fighting - Underground water tank(CMD):	As per NBC							
	Fire fighting - Overhead water tank(CMD):	As per NBC							
	Excess treated water	212							
Wet season:	Source of water	TMC							
	Fresh water (CMD):	230							
	Recycled water - Flushing (CMD):	127							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	Nil							
	Total Water Requirement (CMD) :	382							
	Fire fighting - Underground water tank(CMD):	As per NBC							
	Fire fighting - Overhead water tank(CMD):	As per NBC							
	Excess treated water	226							
Details of Swimming pool (If any)	-								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

**Page 84
of 102**

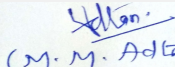

 (M. M. Adtani)
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 to 3 m
	Size and no of RWH tank(s) and Quantity:	RWH Tank: 1 No. Capacity: 50 KL
	Location of the RWH tank(s):	Below ground
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	Rs. 12 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.0 Lakh/year
	Details of UGT tanks if any :	As per NBC, Underground
35.Storm water drainage	Natural water drainage pattern:	From West to East
	Quantity of storm water:	1179.07 m ³ /sec
	Size of SWD:	0.35 x 0.50 m; 0.45 x 0.6 m
Sewage and Waste water	Sewage generation in KLD:	357 KLD
	STP technology:	FBR
	Capacity of STP (CMD):	1 STP of 400 KLD
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs. 88 Lacs
	Budgetary allocation (O & M cost):	Rs. 16 Lacs/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Debris: : 945 m ³
	Disposal of the construction waste debris:	The construction debris will be disposed as per the Construction and Demolition Waste Management Rules 2016.
Waste generation in the operation Phase:	Dry waste:	566 kg/d
	Wet waste:	849 kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	4 kg/d
	Others if any:	NA


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 85
of 102


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

Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed off to recyclers.
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Biomedical waste will be disposed as per BMW Rules 2016
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	The E-waste shall be handed over to e-waste management vendor authorized by MPCB.
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	80 m2
	Area for machinery:	30 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 36 Lacs
	O & M cost:	Rs. 14 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

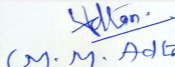
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
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Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 86 of 102

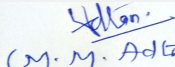

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42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	2808.87 m2		
	No of trees to be cut :	As per Tree cutting NOC		
	Number of trees to be planted :	140 Nos		
	List of proposed native trees :	As mentioned below		
	Timeline for completion of plantation :	Will be planted after completion of 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	DELONIX REGIA	Gulmohar	4	Red flowering Medium Sized tree
2	ANTHOCEPHALUS CADAMBA	Kadamb	4	Shady, large tree, ball shaped flowers.
3	LAGERSTOREMIA SPECIOSA	Tamhan	8	State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers
4	ALBIZIA LEBEK	Shirish	3	Shady tree, yellowish green fragrant flowers
5	BAUHINIA PURPUREA	Apta	10	Small tree with small white flowers, Butterfly host plant
6	BOMBAX CEIBA	Katesavar	4	Large tree, red flowers
7	MIMUSOPS ELENGI	Bakul	7	Shady tree, small white fragrant flowers
8	MICHELIA CHAMPACA	Son chafa	20	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
9	AZADIRACHTA INDICA	Neem	10	Semi-evergreen tree with medicinal value
10	SARACA ASOCA	Sita Ashok	12	Shady tree with red-yellow flowers.
11	ACACIA CATECHU	Khair	7	A large deciduous tree
12	CASSIA FISTULA	Bahava	12	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
13	ERYTHRINA SUBEROSA	Pangara	15	Medium sized deciduous tree. Bright scarlet flowers
14	AGELE MARMELOS	bel	9	small to medium-sized tree with medicinal and spiritual value
15	PONGAMIA PINNATA	Karanj	15	Shady tree.
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	-	-	-	
47.Energy				


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 87
of 102


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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 kVA
	DG set as Power back-up during construction phase	100 kVA
	During Operation phase (Connected load):	2.8 MW
	During Operation phase (Demand load):	1.5 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	1 x 650 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar Hot Water system for Residential Building
Solar lighting in landscape , common area passages

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	<ul style="list-style-type: none"> Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement Use of low-e glass to reduce power requirement Solar lighting in common areas, garden and road Solar hot water for residential buildings Energy efficient lighting fixtures (LED lights) to all buildings 	23.82%

50. Details of pollution control Systems


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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 35 Lacs
	O & M cost:	Rs. 2 Lacs/year

51. Environmental Management plan Budgetary Allocation

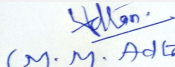
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	4
2	Site sanitation and Potable Water Supply to Labour	-	9


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 88
of 102


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

3	Environmental Monitoring	-	4
4	Health check-up & first aid	-	12
5	Safety Personal Protective Equipment	-	25
6	Traffic Management (Sign Boards, Persons at entry exit and Parking area)	-	8
7	Safety nets	-	35
8	Storm water Management (SWD along plot boundary and Sedimentation Pits)	-	10
9	Tyre cleaning and Vehicle maintenance	-	6
10	Safety Training to Workers (Twice in Year), Safety Officer	-	8
11	Disinfection	-	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	-	88	16
2	Solar System	-	35	2
3	RWH	-	12	1
4	Solid Waste Treatment Plant	-	36	14
5	Landscape	-	28	4
6	Environmental monitoring	-	-	4

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


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

52.Any Other Information

No Information Available

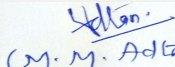
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 89
of 102

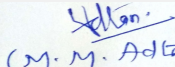

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Parking details:	Number and area of basement:	-
	Number and area of podia:	1 Podium with 1068.79 m2
	Total Parking area:	2150 m2
	Area per car:	13.75 m2
	Area per car:	13.75 m2
	Number of 2-Wheelers as approved by competent authority:	303 Nos.
	Number of 4-Wheelers as approved by competent authority:	179 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	SGNP: 2.7 km
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

**Page 90
of 102**


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

PP was present during the meeting along with environmental consultant M/s.Mahabal Enviro Engg. Pvt. Ltd.

PP informed that, the project under consideration is proposed housing project. PP further stated that, the total plot area of the project is 7404.80Sq.mt having total construction area 37448.53 Sq. mt. (FSI - 22205.45 Sq.mt. + NON FSI- 15243.08) Sq. mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
1 Building comprising of 4 Wings	Ground + 17 Floors	Approx. 52.7 m
Sale Building - Building no. 1	Ground + 3 Podiums + 26 Floors	Approx. 86.6 m
Sale Building - Building no. 2	Ground + 7 Floors	Approx. 21.7 m

It is noted that, Project has received Environmental clearance vide letter dated **30/7/2013** for total built up area 40,478.47 Sq.mt. PP stated that, till date 18320 Sq.mt Construction done on site. PP further stated that, 5 buildings constructed & occupation certificate for the same also received.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

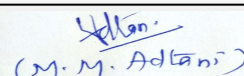
- 1) Committee asked PP & consultant regarding access road to the project site, Environment consultant misleads the committee regarding Access road & RG area of the project site. PP & environment consultant should submit in writing regarding the same.
- 2) PP to ensure that, clause regarding right of way (on north-south- 12 mt road passing through other project of PP) should be clearly specify in the deed of conveyance.
- 3) As per the Hon'ble Supreme Court's Order, PP to Provide contiguous RG with minimum 7.5 m width on Mother Earth. To follows guidelines of Hon. Supreme court order in providing R.G
- 4) PP to submit the sewerage network, storm water drain NOC from local planning authority.
- 5) Committee noted that 200mld excess treated water is proposed to give to nearby public garden. PP to submit the approval from local planning authority regarding the same.
- 6) PP to ensure ECBC norms are complied.



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 91
of 102



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

FINAL RECOMMENDATION

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

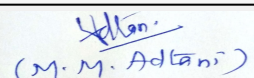
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Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21,
2019

Page 92
of 102



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

Agenda of 103rd (Day-2) Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 103 Meeting Date June 21, 2019

Subject: Environment Clearance for Proposed housing scheme - Maple City at S.No..141, S.No. 143, H. No.3,44&5(Pt), S.No. 144 & H.No.1A. 2 & S.No. 145, H.No. 1 Village - Badlapur, Tal- Ambernath, Dist- Thane By M/s. Shree Chintamani Enterprises

Is a Violation Case: No

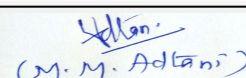
1.Name of Project	Maple City
2.Type of institution	Private
3.Name of Project Proponent	M/s. Shree Chintamani Enterprises
4.Name of Consultant	M/s. Enviro Analysts and Engineers Pvt. Ltd.
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No..141, S.No. 143, H. No.3,44&5(Pt), S.No. 144 & H.No.1A. 2 & S.No. 145, H.No. 1 VILLAGE - BADLAPUR, TAL- AMBERNATH, DIST- THANE By M/s. Shree Chintamani Enterprises
9.Taluka	Ambernath
10.Village	Badlapur
Correspondence Name:	Shri. Chintamani Enterprises
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	Chintamani Chowk
Locality:	Badlapur Goan
City:	Badlapur
11.Whether in Corporation / Municipal / other area	Kulgaon Badlapur Municipal Council
12.IOD/IOA/Concession/Plan Approval Number	Approval received IOD/IOA/Concession/Plan Approval Number: KBMC/TD/BP/7798/103 dtd 20.10.2018 Approved Built-up Area: 23589.38
13.Note on the initiated work (If applicable)	Bldg 2,3,4,5,6 & 7 has been completed.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	26930 m2
16.Deductions	6562.74 sq.m.
17.Net Plot area	20367.26 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 23588.98 b) Non FSI area (sq. m.): 7454.73 c) Total BUA area (sq. m.): 31043.71
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 23589.38 sq.m Approved Non FSI area (sq. m.): - Date of Approval: 20-10-2018
19.Total ground coverage (m2)	3868.14
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.99 %
21.Estimated cost of the project	713300000



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 93
of 102



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

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg No. 2, 3,4, 5, 6, 7	Gr + 7th Upper Floor	23.01
2	Bldg No. I, II, III, IV, V	Gr + (pt)8th Upper floor	25.83
23.Number of tenants and shops	Residential: 625 nos. Shops: 60 nos.		
24.Number of expected residents / users	Residential: 3120 nos. Shops: 180 nos.		
25.Tenant density per hectare	308 tenant/hectare		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Access through 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 m		
29.Existing structure (s) if any	-		
30.Details of the demolition with disposal (If applicable)	Nil		

31.Production Details

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

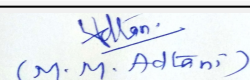
32.Total Water Requirement



Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21,
2019


Page 94
of 102



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

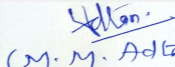
Dry season:	Source of water	MJP / treated water from STP								
	Fresh water (CMD):	284 KLD								
	Recycled water - Flushing (CMD):	145 KLD								
	Recycled water - Gardening (CMD):	11 KLD								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	440								
	Fire fighting - Underground water tank(CMD):	-								
	Fire fighting - Overhead water tank(CMD):	20								
	Excess treated water	192								
Wet season:	Source of water	MJP / treated water from STP/RWH								
	Fresh water (CMD):	284 KLD								
	Recycled water - Flushing (CMD):	145 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	429								
	Fire fighting - Underground water tank(CMD):	-								
	Fire fighting - Overhead water tank(CMD):	20								
	Excess treated water	203								
Details of Swimming pool (If any)		No swimming pool is proposed								
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	-
	Size and no of RWH tank(s) and Quantity:	3 nos. of 170 cum
	Location of the RWH tank(s):	Below ground
	Quantity of recharge pits:	6 nos. of total quantity of 6000cum
	Size of recharge pits :	10m X 150m
	Budgetary allocation (Capital cost) :	Rs. 19 lakh
	Budgetary allocation (O & M cost) :	Rs. 0.95 Lakh/yr
	Details of UGT tanks if any :	Domestic tank: 285 cum Flushing tank: 145 cum
35.Storm water drainage	Natural water drainage pattern:	Natural drainage pattern will be maintained
	Quantity of storm water:	0.336 cum/sec
	Size of SWD:	600 mm dia X 320 mm
Sewage and Waste water	Sewage generation in KLD:	388 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	400 KLD
	Location & area of the STP:	Below ground level
	Budgetary allocation (Capital cost):	Rs. 45 lakh
	Budgetary allocation (O & M cost):	Rs. 7 Lakh/yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated waste material generated will be reused for backfilling and rest shall be disposed by covered trucks to the authorized landfill sites with permission from Municipal authority
	Disposal of the construction waste debris:	Will be used for Landscaping.
Waste generation in the operation Phase:	Dry waste:	638 kg/day
	Wet waste:	968 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	19 kg/day
	Others if any:	NA


Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 96
of 102


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

Mode of Disposal of waste:	Dry waste:	To be handed over to Local Recyclers for recycling.
	Wet waste:	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as manure
	Others if any:	NA
Area requirement:	Location(s):	Ground level
	Area for the storage of waste & other material:	84 sq.m
	Area for machinery:	5 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 8.00 lakhs
	O & M cost:	Rs. 2.00 Lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

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


39. Stacks emission Details

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

40. Details of Fuel to be used

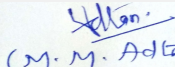
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
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Mr. Surykant Nikam
 (Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 97
of 102


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

42.Mode of Transportation of fuel to site	Not applicable
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43.Green Belt Development	Total RG area :	2217.28 sq.m
	No of trees to be cut :	-
	Number of trees to be planted :	111 nos.
	List of proposed native trees :	As listed below
	Timeline for completion of plantation :	At the end of construction phase

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	18	Medicinal tree
2	Michelia champaca	Son-chafa	21	Flowering/ornamental plant
3	Mimusops elengi	Bakul	14	Evergreen tree
4	Polyalthia longifolia	Ashok	16	Evergreen tree
5	Plumeria alba	Chafa	18	Flowering/ornamental plant
6	Mangifera indica	Mango	12	Fruiting tree

45.Total quantity of plants on ground

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

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	150 kW
	DG set as Power back-up during construction phase	200 KVA
	During Operation phase (Connected load):	1988.68 KW
	During Operation phase (Demand load):	1590.94 KW
	Transformer:	2 X 500 kVA
	DG set as Power back-up during operation phase:	1 X 300 kVA & 1 X 400 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 98 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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48. Energy saving by non-conventional method:

- External lighting on solar.
- Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving.
- Common Area Lighting, mainly LED lights with timer control operation
- Solar Hot Water Generation for apartment

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total energy savings	16.88

50. Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 80.00 Lakhs
	O & M cost:	Rs. 3.00 Lakhs/yr

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

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	Sewage Treatment Plant	45	7
2	Solid Waste Management	OWC	8	2
3	Water Environment	RWH	19	0.95
4	Land Environment	Landscape	55	11
5	Energy	solar	80	3

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


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

52. Any Other Information

No Information Available

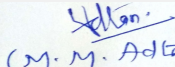
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	The project site is accessible through the 18.00 m wide DP road
Parking details:	Number and area of basement:	Nil
	Number and area of podia:	Nil
	Total Parking area:	9673.18
	Area per car:	-
	Area per car:	-
	Number of 2-Wheelers as approved by competent authority:	Scooter/Cycles : 792 nos.
	Number of 4-Wheelers as approved by competent authority:	4 nos.
	Public Transport:	Nil
	Width of all Internal roads (m):	minimum 6 m wide
	CRZ/ RRZ clearance obtain, if any:	-
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B2-8(a)
	Court cases pending if any	NA
	Other Relevant Informations	-


Mr. Surykant Nikam
(Secretary SEAC-II)

SEAC Meeting No: 103 Meeting Date: June 21, 2019

Page 100
of 102


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

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

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

PP informed that, the project under consideration is *new housing project*. PP further stated that, the total plot area of the project is 26930Sq.mt. having total construction area 31043.71 Sq.mt. (FSI - 23588.98sq.mt + NON FSI- 7454.73sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Bldg No. 2, 3,4, 5, 6, 7	Gr + 7th Upper Floor	23.01
Bldg No. I, II, III, IV, V	Gr + (pt)8th Upper floor	25.83

PP stated that, initially, the plot area was 17,040.00 sq.mt. having FSI area of 14,524.54 sq.mt was sanctioned in 21.07.2017 for construction of 6 buildings with configuration of Gr + 7 floors & Gr + 8 floors. PP further stated that, accordingly the work of these 6 buildings was undertaken & completed. The occupation certificate is also received. PP informed that, the total construction area of the work done till date is 19,374.92 sq.mt. PP further informed that, due to amalgamation of the adjoining plot admeasuring 9,890.00 sq.mt in 20.10.2018, plot potential increases hence, applied for EC.

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

DECISION OF SEAC

 Mr. Surykant Nikam (Secretary SEAC-II)	SEAC Meeting No: 103 Meeting Date: June 21, 2019	Page 101 of 102	 Shri M.M.Adtani (Chairman SEAC-II)
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In view of above, the proposal is deferred and shall be considered only after the compliance of below observations.

Specific Conditions by SEAC:

- 1) PP to upload the approved layout plan for earlier construction & for project under consideration.
- 2) PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority.
- 3) Local body to ensure that no occupation certificate is given to the project until sewer lines and storm water is developed and connected to the project.
- 4) PP to explore the possibility of zero discharge project.
- 5) PP to ensure that, there will be access provided to all RGs to all people of the project.
- 6) PP to upload the copy of DCR regarding car parking to be provided.
- 7) PP to earmark the space for parking of 4 wheeler and 2 wheeler.
- 8) PP to ensure that, there will be clear 6mt drive way with 9 m turning radius all around RG for fire tender movement & also to provide connection between 18mt DP road to North side.
- 9) PP to submit the reasons for not carrying shadow/wind analysis.

FINAL RECOMMENDATION

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

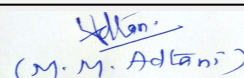
SEAC-AGENDA-0000000287



Mr. Surykant Nikam
(Secretary SEAC-II)

**SEAC Meeting No: 103 Meeting Date: June 21,
2019**

**Page 102
of 102**



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