

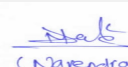
Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for Proposed Expansion of "VIVA SHELTER" (Revalidation & Expansion) Proposed Residential building with shop line project at land bearing S.No.110/4, S.No.111/3,9,13,14, S.No.127/2, S.No.128/13 & S.No.352 of village Virar, Taluka: Vasai, District Thane by M/s. Swastik Builders

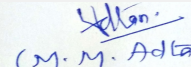
Is a Violation Case: No

1.Name of Project	Proposed Expansion of "VIVA SHELTER" (Revalidation & Expansion) Proposed Residential building with shop line project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Kishor Naik, M/s. Swastik Builders. 2nd Floor, Gulmohar Plaza Virar (West), Thane 401303
4.Name of Consultant	Mr. H.K. Desai ,Enviro Analysts & Engineers Pvt. Ltd., B-1003, Enviro House Western Edge II, Behind Metro Mall Western Express Highway Borivali (E), Mumbai-400066
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received vide letter NO. 21-449/2006- IA.III dated 7/03/2007 Total constructed area=33516.09 sq.m.
8.Location of the project	land bearing S.No.110/4, S.No.111/3,9,13,14, S.No.127/2, S.No.128/13 & S.No.352 of village Virar, Taluka: Vasai, District Thane
9.Taluka	vasai
10.Village	virar
Correspondence Name:	Mr. Kishor Naik
Room Number:	-
Floor:	2nd floor
Building Name:	swastik Builders, Gulmohar Plaza Virar (West)
Road/Street Name:	-
Locality:	virar
City:	virar
11.Whether in Corporation / Municipal / other area	vasai virar city municipal corporation (VVMC)
12.IOD/IOA/Concession/Plan Approval Number	yes IOD/IOA/Concession/Plan Approval Number: yes Approved Built-up Area: 33516.09
13.Note on the initiated work (If applicable)	Construction work has being initiated at present as per E.C received vide letter NO. 21-449/2006- IA.III dated 7/03/2007 ,Total constructed area=33516.09 sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	nil
15.Total Plot Area (sq. m.)	32070.00 sq.m.
16.Deductions	2923.88 sq.m.(encroachment, road set back ,PG etc.)
17.Net Plot area	29146.12 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 33594.44
	b) Non FSI area (sq. m.): 8505.01
	c) Total BUA area (sq. m.): 42099.45
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	8217.07
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.62
21.Estimated cost of the project	900000000


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 1 of 113


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

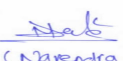
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg. No. 1 -10, Bldg. No. 13	G +4	14.85
2	Bldg. No. 11	G+2	9.75
3	Bldg. No. 12	G+12	38.55
4	CFC Bldg.	G+3	13.50
23.Number of tenants and shops	tenements = 871 No.s Shops = 101 Nos. CFC= 1450.00 sq.m.		
24.Number of expected residents / users	Res. = 4355 Nos., Comm=303 Nos., Others =145 Nos., Total = 4803 Nos.		
25.Tenant density per hectare	301/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))	20.00 m wide DP Rd		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	min 9.00 m		
29.Existing structure (s) if any	Bldg. no. 1-10,11,13 are constructed on site. Bldg. No. 12 is constructed up to G+1		
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

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 2 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	-------------------------	--

Dry season:	Source of water	VVCMC/treated water from STP							
	Fresh water (CMD):	401							
	Recycled water - Flushing (CMD):	207							
	Recycled water - Gardening (CMD):	22							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	630							
	Fire fighting - Underground water tank(CMD):	75							
	Fire fighting - Overhead water tank(CMD):	10							
	Excess treated water	208							
Wet season:	Source of water	VVCMC/treated water from STP /RWH tank							
	Fresh water (CMD):	401							
	Recycled water - Flushing (CMD):	207							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	608							
	Fire fighting - Underground water tank(CMD):	75							
	Fire fighting - Overhead water tank(CMD):	10							
	Excess treated water	230							
Details of Swimming pool (If any)	nil								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 3 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	----------------------	--


34. Rain Water Harvesting (RWH)	Level of the Ground water table:	4.5 m
	Size and no of RWH tank(s) and Quantity:	12 no. of RWH tanks having total capacity
	Location of the RWH tank(s):	at ground level
	Quantity of recharge pits:	nil
	Size of recharge pits :	nil
	Budgetary allocation (Capital cost) :	RS. 115 .00 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 5.70 Lakhs
	Details of UGT tanks if any :	domestic tank =401 cum flushing = 229 cum fire UG= 75 cum Fire OH= 10 cum

35. Storm water drainage	Natural water drainage pattern:	NE to SW
	Quantity of storm water:	0.170 cum/sec
	Size of SWD:	0.45 mm X 0.30 mm

Sewage and Waste water	Sewage generation in KLD:	486 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	490 total capacity (3 nos.)
	Location & area of the STP:	at ground level
	Budgetary allocation (Capital cost):	Rs. 40.00 Lakhs
	Budgetary allocation (O & M cost):	Rs. 10 Lakhs

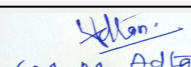
36. Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	-
	Disposal of the construction waste debris:	-
Waste generation in the operation Phase:	Dry waste:	949 Kg/day
	Wet waste:	1340 Kg/day
	Hazardous waste:	nil
	Biomedical waste (If applicable):	nil
	STP Sludge (Dry sludge):	24 Kg
	Others if any:	Nil


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 4 of 113


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

Mode of Disposal of waste:	Dry waste:	will be hand over the local recyclers for recycling.
	Wet waste:	To be processed in the Organic Waste Converter and manure so obtained will be used for landscaping
	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):	at ground level
	Area for the storage of waste & other material:	84 sq.m.
	Area for machinery:	3.00 sq.m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 23.00 lakhs
	O & M cost:	Rs. 6.00 lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

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

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 5 of 113	 Shri M.M.Adtani (Chairman SEAC-II)
---	---	----------------------	--

43.Green Belt Development	Total RG area :	4371.92 sq.m.
	No of trees to be cut :	Nil
	Number of trees to be planted :	300 nos.
	List of proposed native trees :	as below
	Timeline for completion of plantation :	already exists as per previous EC recieved

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

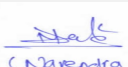

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anthocephallus cadamba	kadamb	20	shaded
2	Alstonia scholaris	Satwin	15	shaded
3	Peltofourm	Yellow Gulmohar	15	flowering
4	Mimusops elengi	Bakul	20	flowering
5	Terminalia cattapa	Almond tree	20	fruiting
6	Cassia renigera	Cassia Sps.	20	shaded tree
7	Adina cordifolia	Kadam	25	shaded
8	Albizia lebbeca	Shirish	20	shaded
9	Tabernaemontana divaricata	Tagar	20	flowering
10	Michelia champaca	Sonchafa	25	flowering
11	Polyalthia logifolia	Asu palav	30	dust toletant
12	Callistemon sps	Australian Bottle Brush	20	flowering
13	Grevillea robusta	Silver oak	20	flowering
14	Azadirachta indica	Neem	15	medicinal
15	Barreingtonia racemosa	Samundraphal	20	flowering
16	Caryota urens	Fish Tail Palm	20	ornamental
17	Roystonea regia	Royal Palm	25	ornamental
18	Bauhinia purpuria	Purple Orchid Tree	25	Drought tolerant species.
19	Millingtonia hortensis	Indian Cork Tree	25	shaded

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	nil	nil	nil

47.Energy

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 6 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	----------------------	--

Power requirement:	Source of power supply :	MSEB
	During Construction Phase: (Demand Load)	100 KVA
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	EXISTING = 4245 KW, PROPOSED = 789 KW
	During Operation phase (Demand load):	EXISTING = 2793 KW, PROPOSED = 483KW
	Transformer:	-
	DG set as Power back-up during operation phase:	EXISTING = 5 X20 KVA, PROPOSED=1X125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. Road/Landscape - 60% Solar Lighting
2. Parking - T5 lights
3. Lobby & staircase LED lights - 60% Solar
4. Lift-Regenerative Types
5. Solar Hot Water system

49. Detail calculations & % of saving:

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

50. Details of pollution control Systems


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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 19.4 Lakhs
	O & M cost:	Rs. 2.2 Lakhs

51. Environmental Management plan Budgetary Allocation

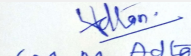
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust Suppression	2.0
2	Land Environment	Site Sanitation	1.5
3	Environmental Monitoring	Analysis of water, air, soil etc	15.0
4	EHS	Disinfection	1.0
5	EHS	Health check up	2.5


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 7 of 113


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

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	115	5.70
2	solid waste	SWM	23.00	6.00
3	water environment	STP	40.00	10.00
4	Energy Saving	Energy Conservation	19.4	2.2
5	land environment	landscaping	3.00	1.00

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

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

52.Any Other Information

No Information Available

53.Traffic Management

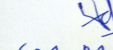
	Nos. of the junction to the main road & design of confluence:	2 no.s fo entry exit from 20.00 m wdie DP rd
Parking details:	Number and area of basement:	nil
	Number and area of podia:	nil
	Total Parking area:	4860 sq.m.
	Area per car:	-
	Area per car:	-
	Number of 2-Wheelers as approved by competent authority:	456
	Number of 4-Wheelers as approved by competent authority:	163
	Public Transport:	NA
	Width of all Internal roads (m):	9 m wide internal road,6.00 m internal road
	CRZ/ RRZ clearance obtain, if any:	na


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 8 of 113


(M. M. Adtani)

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

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	tugareshwar national park = 7.00 km
	Category as per schedule of EIA Notification sheet	category B, shedule 8(a)
	Court cases pending if any	no
	Other Relevant Informations	the project was presented in 50th SEAC-II meeting as an Item no. 19 dtd .07-09-2016. the project was deffered. compliance for the same has been submitted.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	16-07-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

SEAC-AGENDA-00000000419

Representative of PP was present during the meeting along with Environmental Consultant M/s. Enviro Analysts & Engineers Pvt. Ltd.

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

PP informed that, the project under consideration is expansion housing project. PP further stated that, the total plot area of the project is 32070.00 Sq.mt having total construction area 42099.45 Sq.mt (FSI - 33594.44 Sq.mt + NON FSI- 8505.01 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Bldg. No. 1 -10, Bldg. No. 13	G +4	14.85
Bldg. No. 11	G+2	9.75
Bldg. No. 12	G+12	38.55
CFC Bldg.	G+3	13.50

It is noted that, Project has received Environmental clearance vide letter dated 7/03/2007.

It is noted that the project earlier considered in SEAC-2 61st (Part B) (Day-1) Meeting held on 01-06-2018. & decided to refer the matter to SEIAA for alleged violation. It is further noticed that the case was considered by SEIAA in its 142 Meeting held on 10-10-2018 & in 177th SEIAA Meeting held on 13-10-2019 & decided to refer back the proposal to SEAC-2 for appraisal as per Notification dated 14.03.2017 & 08.03.2018. According SEAC-2 Considered the matter in 127th SEAC-2 meeting held on 6/2/2020 ToR & additional ToR accorded for remediation plan and natural & community resource augmentation plan,

PP submitted the EIA, which was taken on record. The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record. Damage assessment report specifying activities contributing to the environmental damage and degradation noted from the report and deliberated in detail during the meeting. Details submitted by PP and accredited consultant as-

COST OF REMEDIATION PLAN AND NATURAL & COMMUNITY RESOURCE AUGMENTATION PLAN

Sr. No.	Description	Details	Amount (Rs.)
A Assessment of Environment Damages			
1.	Total of recurring cost	Cost arrived from above table per day X number of days in violation 2790X1460 =40.73 LAKHS	40.73
2	Non-recurring cost	Cost as arrived from above table	3,94,000
	Subtotal (1+2)	(Subject to minimum Rs.1 Crore)	44.67 LAKHS Hence, Rs. 1,00,00,000
B Economic benefits accrued due to violation			
1.	Economic benefits accrued due to violation	1% of Total Project cost including land, as declared by PP before SEAC, subject to maximum Rs. 10.0 Cr. Cost of the flats sold without EC= 15,30,00,000.00 X 0.01 = 15,30,000.00	15,30,000.00
2.	Track Record of Project proponent	Incremental cost of Rs. 10 lakhs for each EC violation by PP observed at any other projects in last 3 years	Not applicable
C Cost of remediation plan and natural & community resource augmentation plan			
	Cost of	Sum of A and B above or amount equivalent to the CER amount as per the MOEF&CC's office Memorandum No: F NO 22- 65/2017-IA-III dated 01/05/2018, whichever is higher.	SUM OF A+B- 1,15,30,000.0 CER-2,000,000.0

It is noted that,

- As there is no earlier violation, the penal clause as mentioned under item 28 of the Approach Paper appended to the Guidelines is not applicable in this case.
- As per clause 33 of the Approach Paper appended to the Guidelines, the actual cost of remediation may be calculated as under:

1. As per format given in SEIAA Circular, the Damage Assessment value is arrived at Rs. **1,15,30,000.00**

2. Considering CER cost for the entire project as greenfield project, under Sr. No. C : Cost of Remediation Plan and natural and community resource augmentation plan the Damage Assessment value is arrived at of Rs 2,000,000.00

(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 10
of 113

(M. M. Adtani)

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

DECISION OF SEAC

It is noted that,

- As there is no earlier violation, the penal clause as mentioned under item 28 of the Approach Paper appended to the Guidelines is not applicable in this case.
- As per clause 33 of the Approach Paper appended to the Guidelines, the actual cost of remediation may be calculated as under:

1. As per format given in SEIAA Circular, the Damage Assessment value is **arrived at Rs. 1,15,30,000.00**

2. Considering CER cost for the entire project as greenfield project, under Sr. No. C : Cost of Remediation Plan and natural and community resource augmentation plan the Damage Assessment value is arrived at of Rs 2,000,000.00

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA subject to conditions that-

Specific Conditions by SEAC:

- 1) PP to submit the analysis report for existing STP.
- 2) PP to submit the current status of sewer line of local planning authority.
- 3) PP 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, as identified by Environment Department.

FINAL RECOMMENDATION

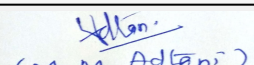
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 11
of 113


(M. M. Adtani)

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

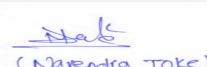
Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for proposed Slum Rehabilitation Scheme project on plot bearing CTS No. 532(pt.), Village Pahadi Goregaon East, Taluka - Borivali, Valbhat Road, Cama Estate, Goregaon East, Mumbai - 400063


Is a Violation Case: No

1.Name of Project	proposed Slum Rehabilitation Scheme project on plot bearing CTS No. 532(pt.), Village Pahadi Goregaon East, Taluka - Borivali, Valbhat Road, Cama Estate, Goregaon East, Mumbai - 400063
2.Type of institution	Private
3.Name of Project Proponent	M/S. Samarth Erectors and Developers
4.Name of Consultant	M/S. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Clubbed SRA Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing CTS No. 532(pt.), Village Pahadi Goregaon East, Taluka - Borivali, Valbhat Road, Cama Estate, Goregaon East, Mumbai - 400063.
9.Taluka	Borivali
10.Village	Pahadi Goregaon East
Correspondence Name:	M/S. Samarth Erectors and Developer
Room Number:	1
Floor:	NA
Building Name:	Sanjay Nagar CHSL.
Road/Street Name:	Walbhat Road, Off. Western Express Highway
Locality:	Goregaon (East)
City:	mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	yes IOD/IOA/Concession/Plan Approval Number: LOI No: SRA/ENG/1288/PS/ML/LOI and LOI No: SRA/ENG/1386/PS/ML/LOI Approved Built-up Area: 139720.94
13.Note on the initiated work (If applicable)	Construction of project buildings is in process as per the earlier EC received. Total construction area constructed is 1,39,720.94 sq. m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI No: SRA/ENG/1288/PS/ML/LOI - dated 15th June 2017 Shiv Shakti & Samrat Ashok Nagar LOI No: SRA/ENG/1386/PS/ML/LOI - dated 15th June 2017 Sanjay Nagar
15.Total Plot Area (sq. m.)	12494.40
16.Deductions	1278.18
17.Net Plot area	11216.22
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 74387.11 b) Non FSI area (sq. m.): 65333.53 c) Total BUA area (sq. m.): 139720.94
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 61613.26 Approved Non FSI area (sq. m.): 65333.53 Date of Approval: 15-06-2017
19.Total ground coverage (m2)	5477.88
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43.84
21.Estimated cost of the project	4460000000


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 12
of 113


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

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Shivshakti CHS - Composite Building	Ground+ 21 Floors	65.40
2	Samrat Ashok Nagar CHS - Commercial Building	2 Basement + Ground Floor + 8 Podiums + 1st to 23 Upper Floors	115.05
3	Sanjay Nagar Rahiwasi CHS - Rehab Wing A (Residential)	Ground + 23 Upper Floors	69.90
4	Sanjay Nagar Rahiwasi CHS - Rehab Wing B (Residential)	Ground + 22 Upper Floors	68.15
5	Sanjay Nagar Rahiwasi CHS - Rehab Wing C (Commercial)	Ground + 9 Upper Floors	42.60
6	Sanjay Nagar Rahiwasi CHS - Sale Wing A, B, C (Residential)	Stilt + 22 Upper Floors	68.65

23. Number of tenants and shops	1000 Flats. 426 Shops / Industrial Gala 66 Nos (Amenities)
24. Number of expected residents / users	7997 No's
25. Tenant density per hectare	800
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.30 m wide Existing Road
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	As per the requirement
29. Existing structure (s) if any	3 nos. of worship structures. Existing well on site. (To be retained)
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

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 13 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

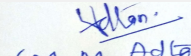
Dry season:	Source of water	MCGM/ Recycled water /RWH							
	Fresh water (CMD):	461							
	Recycled water - Flushing (CMD):	261							
	Recycled water - Gardening (CMD):	8							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	730							
	Fire fighting - Underground water tank(CMD):	As per CFO NOC							
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC							
	Excess treated water	178							
Wet season:	Source of water	MCGM/ Recycled water /RWH							
	Fresh water (CMD):	461							
	Recycled water - Flushing (CMD):	261							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	722							
	Fire fighting - Underground water tank(CMD):	As per CFO NOC							
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC							
	Excess treated water	186							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	-
	Size and no of RWH tank(s) and Quantity:	5 Nos of RWH Tanks/ Recharge Pits.
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	NA
	Size of recharge pits :	na
	Budgetary allocation (Capital cost) :	14 Lakhs
	Budgetary allocation (O & M cost) :	1.5 lakhs
	Details of UGT tanks if any :	Domestic tank Capacity: 480 Cum. (UG Tank) Flushing tank Capacity: 165 Cum. (UG Tank) Fire tank Capacity: 600 Cum (UG Tank)
35.Storm water drainage	Natural water drainage pattern:	East to West
	Quantity of storm water:	0.25 m ³ /sec
	Size of SWD:	300 * 600 mm dia
Sewage and Waste water	Sewage generation in KLD:	630
	STP technology:	MBBR
	Capacity of STP (CMD):	2 STP's are provided of total capacity of 665 KLD (425 KLD + 240 KLD)
	Location & area of the STP:	Below Ground of Total area of 328 sq.m for the 2 STPs.
	Budgetary allocation (Capital cost):	123 Lakh
	Budgetary allocation (O & M cost):	18 Lakh / 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 and cans, scrap metal etc. Debris and 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:	1122 kg/day
	Wet waste:	1682 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	33 Kg/day
	Others if any:	NA


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 15
of 113


(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/Vans
	Wet waste:	Processed in OWC. The manure obtained shall be used for Gardening; Excess manure shall be sold to nearby end users.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dry sludge will be used as manure
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	156 sq m
	Area for machinery:	10 sq m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	21 lakhs
	O & M cost:	6 Lacs /annum

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

41.Source of Fuel	Not applicable
42.Mode of Transportation of fuel to site	Not applicable

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 16 of 113	 Shri M.M.Adtani (Chairman SEAC-II)
---	---	---------------------------------	--

43.Green Belt Development	Total RG area :	Proposed RG Area on ground: 1104.69 Sq.m. Proposed RG on Terrace Floor: 572.55 sq.m. Total RG Area - 1677.24 sq.m
	No of trees to be cut :	NA
	Number of trees to be planted :	140 nos
	List of proposed native trees :	Enlisted below
	Timeline for completion of plantation :	Before completion of project

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

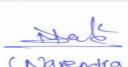
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Millingtonia hortensis	Cork Tree	20	Flowering
2	Cassia fistula	Indian Laburnum	20	Medicinal
3	Azadirachta indica	Neem	20	Medicinal
4	Michelia champaca	PiwalaChampa / Sonchapha	20	Flowering
5	Alistonia scholaris	Devils tree/ Satvin	20	Flowering
6	Pongamia pinnata	Karanj	20	Ornammental
7	Polyalthia longifolia	Mast tree	20	Ornammental

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

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 17 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Power requirement:	Source of power supply :	Adani / TATA
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	14076 kW
	During Operation phase (Demand load):	7951 kW
	Transformer:	2 X 2200 kVA + 2 X 2100 kVA + 1 X 900 kVA
	DG set as Power back-up during operation phase:	DG1: 1 X 1500kVA, DG2: 1 X 350kVA, DG3: 1 X 250kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

-

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total saving	13 %

50. Details of pollution control Systems

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

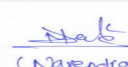
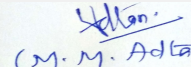
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	82 Lac
	O & M cost:	3.5 lakhs/year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water for dust Suppression	3
2	EHS	Site Sanitation	5
3	Environmental Monitoring	Environmental Monitoring	15
4	EHS	Disinfection	1.5
5	EHS	Health Check Up	1.5

b) Operation Phase (with Break-up):

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 18 of 113	 (M. M. Adtani) Shri M.M. Adtani (Chairman SEAC-II)
--	---	---------------------------------	---

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	STP	123	18
2	Rain Water Harvesting	RWH tanks	14	1.8
3	Energy Saving	Energy Saving measures	82	3.5
4	Solid Waste Management	OWC	21	6
5	Land Environment	Landscaping	12	1

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

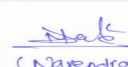
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

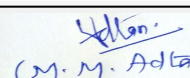
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 nos.
Parking details:	Number and area of basement:	2 no. of basement is proposed. Area of Basement: 5802.00 Sq.m.
	Number and area of podia:	8 no. of Podiums is proposed. Area of podium:17162.21 Sq.m.
	Total Parking area:	25024.43 Sq.m.
	Area per car:	32.54 Sq.m.
	Area per car:	32.54 Sq.m.
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	Parking Required: 640 Nos. Parking proposed: 691 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 m, 4.00 m, 3.00 m wide road
	CRZ/ RRZ clearance obtain, if any:	NA


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 19
of 113


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

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

SEAC-AGENDA-0000000419

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

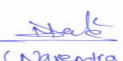
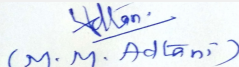
PP informed that, the project under consideration expansion in existing clubbed SRA scheme project. PP further stated that, the total plot area of the project is 12494.40 Sq.mt having total construction area 155458.97 Sq.mt (FSI - 90895.05 Sq.mt + NON FSI- 64563.92 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Shivshakti CHS - Composite Building	Ground+ 21 Floors	65.40
Samrat Ashok Nagar CHS -Commercial Building	2 Basement + Ground Floor + 8 Podiums + 1st to 29th Upper Floors	136.65
Sanjay Nagar Rahiwasi CHS - Rehab Wing A (Residential cum Commercial)	Ground + 23 Upper Floors	69.90
Sanjay Nagar Rahiwasi CHS - Rehab Wing B (Residential cum Commercial)	Ground + 22 Upper Floors	68.15
Sanjay Nagar Rahiwasi CHS - Rehab Wing C (Commercial)	Ground + 9 Upper Floors	42.60
Sanjay Nagar Rahiwasi CHS - Sale Wing A, B, C (Residential)	Stilt + 22 Upper Floors	68.65

It is noted that the project earlier considered in SEAC-2 127th (Day-2) Meeting held on 06-02-2020 & referred to SEIAA for rejection of EC as Committee noted that, the construction done on site is not as per earlier accorded EC vide letter dated 26/12/2011. The architect certificate dated 16/9/2019 submitted by PP shows that they have constructed more number of floors in all buildings for e.g instead of approved building profile G+18, G+7 & G+9 they have already constructed G+21-23, G+9 & G+20 floors respectively. Committee also noticed that the approved G+9 rehab building is being converted to sale building. After detail deliberation & considering the above said changes in the approved building profile and committed violation was pointed out to SEIAA.. The expansion proposal therefore cannot be appraised and is liable for rejection. Committee also noticed that, the PP has not submitted their application as per Notification issued by MoEF & CC dated 14.03.2017 for violation cases. However SEIAA considered the matter in 182nd meeting held on 6/12/2019 & decided to refer back the case to SEAC-2 for fresh appraisal. Now therefore as per directions of SEIAA, this committee is appraising the project with respect to Environmental parameters only. Albeit the stand of this committee that the PP has committed the violation in the case remains unchanged.

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

DECISION OF SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 21 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

After deliberation, Committee decided to forward the proposal to SEIAA to take suitable decision on grant of EC or otherwise in view of detail discussion made above.

Specific Conditions by SEAC:

- 1) During presentation PP submitted revised CS , PP to update CS Online also.
- 2) PP to upload the full time project engineer certificate that the person representing the PP, is in its full time employment
- 3) PP to submit the CFO NoC.
- 4) PP to submit to clear fire tender movement plan showing all connecting roads.
- 5) PP to obtain the ESZ NoC, If required.
- 6) PP to ensure that proposed STPs should be 40% open to sky for adequate ventilation.
- 7) PP submitted copies of six monthly compliance reports submitted to Regional Office MoEF Nagpur, however verification report of Regional Office, MoEF Nagpur , was not submitted. He to submit the same.
- 8) 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.
- 9) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

Kindly find SEAC decision above.

SEAC-AGENDA-000000479

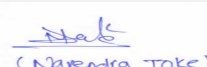
Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for Proposed Integrated Township at Village Dhokawade, Maharashtra.

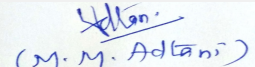
Is a Violation Case: No

1.Name of Project	Proposed Integrated Township at Village Dhokawade, Maharashtra.
2.Type of institution	TOR
3.Name of Project Proponent	SOBO Estate Development Pvt. Ltd.
4.Name of Consultant	Fine Envirotech Engineers
5.Type of project	Proposed Integrated Township
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gat nos. 115, 126, 128, 133, 146, 147, 149, 150, 151, 153, 154, 155, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 174, 175, 176, 177, 178, 179, 180, 182, 183, 183, 184, 190, 191, 192, 193, 194, 199, 200, 203, 204, 205, 206, 207, 209, 210, 220, 222, 226, 227, 228, 229, 230, 231, 232, 233, 237, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343,344, 347, 359, 361,362, 363, 364, 366, 156/1, 156/2, 156/3, 181/1, 181/2, 181/3, 181/4, 198/1, 198/2/A/1, 201/1, 202/2, 376/1, 421/1.
9.Taluka	Alibaug
10.Village	Dhokawade
Correspondence Name:	SOBO Estate Development Pvt. Ltd.
Room Number:	NA
Floor:	2nd Floor
Building Name:	Jindal Mansion
Road/Street Name:	Deshmukh Marg, Pedder Road
Locality:	Mumbai
City:	Mumbai-400026
11.Whether in Corporation / Municipal / other area	MMRDA
12.IOD/IOA/Concession/Plan Approval Number	Not applicable at this stage IOD/IOA/Concession/Plan Approval Number: Not applicable at this stage Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not started yet
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	4,53,400.00 sq.mt. (113.35 acres)
16.Deductions	45,986.67 sq.mt.
17.Net Plot area	4,07,413.33 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 5,71,027.22 sq.mt. b) Non FSI area (sq. m.): 3,47,762 sq.mt. c) Total BUA area (sq. m.): 918789.22
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable at this stage Approved Non FSI area (sq. m.): Not applicable at this stage Date of Approval: 01-01-1900
19.Total ground coverage (m2)	2,10,082 sq.mt. (including Podium cover)
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	46 %
21.Estimated cost of the project	11450000000


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 23
of 113


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

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Villas (76 nos.)	G + 2	12
2	Low Rise Apartments (Type A) - 96 nos	G + 4	18
3	Mid Rise Apartments (Type B) -12 nos	G + 10	39
4	High Rise Apartments - 12 nos.	G + 26	94.5
5	EWS - 5 nos.	G + 15	48
6	School - 1 no.	G + 5	18
7	Town Hall	G + 3	15
8	Market	G + 3	15
9	Health Care	G + 4	18
10	Commercial	Podium 2 Levels +12 Floors	48
11	Utilities (Total 13 Buildings)	G + 2 (Average)	10

23. Number of tenants and shops

- Total residential tenements (Villas, Low rise apartments, Mid rise apartments and high rise apartments) -4060 nos.
- Total residential tenements (EWS)- 2424 nos.
- Commercial Includes:
 - 200 Shops (20 sq.mt each)
 - Multiplex - 4 screens
 - 2 Food courts
 - Resort with 200 rooms
 - 150 Service Apartments
 - 100 Offices with 150 sq.mt each
 - Health Resort with mini Golf Course
 - 100 Bedded Hospital
 - Helipad
 - Bridges

24. Number of expected residents / users

Approx. 43,591 nos.

25. Tenant density per hectare

143 tenements per Ha

26. Height of the building(s)

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

18 m

28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation

9 m

29. Existing structure (s) if any

NA

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

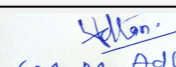
NA


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 24
of 113


(M. M. Adtani)

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

31. Production Details


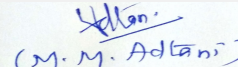
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32. Total Water Requirement


Dry season:	Source of water	MIDC /MJP
	Fresh water (CMD):	3,176
	Recycled water - Flushing (CMD):	1,708
	Recycled water - Gardening (CMD):	104
	Swimming pool make up (Cum):	30 Cum
	Total Water Requirement (CMD) :	4,988
	Fire fighting - Underground water tank(CMD):	As per NBC norm
	Fire fighting - Overhead water tank(CMD):	As per NBC norm
	Excess treated water	2144
Wet season:	Source of water	MIDC/ MJP
	Fresh water (CMD):	3,176
	Recycled water - Flushing (CMD):	1,708
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	30 Cum
	Total Water Requirement (CMD) :	4884
	Fire fighting - Underground water tank(CMD):	As per NBC norm
	Fire fighting - Overhead water tank(CMD):	As per NBC norm
	Excess treated water	2248
Details of Swimming pool (If any)	5 nos. of 11 m x 25 m Swimming pools	

33. Details of Total water consumed

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

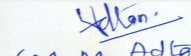
 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 25 of 113	 Shri M.M.Adtani (Chairman SEAC-II)
---	---	-------------------	--

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Approx. 3.0 m
	Size and no of RWH tank(s) and Quantity:	We will be submitted during EIA presentation
	Location of the RWH tank(s):	We will be submitted during EIA presentation
	Quantity of recharge pits:	We will be submitted during EIA presentation
	Size of recharge pits :	We will be submitted during EIA presentation
	Budgetary allocation (Capital cost) :	We will be submitted during EIA presentation
	Budgetary allocation (O & M cost) :	We will be submitted during EIA presentation
	Details of UGT tanks if any :	UG tanks will be provided as per NBC norms
35. Storm water drainage	Natural water drainage pattern:	Natural drainage pattern will be maintained as far as possible
	Quantity of storm water:	We will be submitted during EIA presentation
	Size of SWD:	We will be submitted during EIA presentation
Sewage and Waste water	Sewage generation in KLD:	4396 kld
	STP technology:	Moving Bed Bio Reactor (MBBR) Technology
	Capacity of STP (CMD):	Total 4500 kld capacity of STP will be provided.
	Location & area of the STP:	We will be submitted during EIA presentation
	Budgetary allocation (Capital cost):	We will be submitted during EIA presentation
	Budgetary allocation (O & M cost):	We will be submitted during EIA presentation
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavated earth materials and construction waste will be generated.
	Disposal of the construction waste debris:	Excavation earth materials and construction waste shall be partly reused on site and partly shall be disposed by authorized contractor.
Waste generation in the operation Phase:	Dry waste:	8,419 kg/day
	Wet waste:	10630 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	20 kg/day
	STP Sludge (Dry sludge):	440 kg.
	Others if any:	NA


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 26
of 113


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

Mode of Disposal of waste:	Dry waste:	Dry waste will be handed over to authorized agency / recycler.
	Wet waste:	Wet waste will be process in Organic Waste Converter and compost will be used as manure for gardening.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Will be handed over to authorized agency/recycler
	STP Sludge (Dry sludge):	Used as manure for gardening
	Others if any:	NA
Area requirement:	Location(s):	We will be submitted during EIA presentation
	Area for the storage of waste & other material:	We will be submitted during EIA presentation
	Area for machinery:	We will be submitted during EIA presentation
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	We will be submitted during EIA presentation
	O & M cost:	We will be submitted during EIA presentation

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

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

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 27 of 113	 Shri M.M.Adtani (Chairman SEAC-II)
---	---	---------------------------------	--

43.Green Belt Development	Total RG area :	57,639.00 sq.mt.
	No of trees to be cut :	NA
	Number of trees to be planted :	Details will be submitted during EIA presentation
	List of proposed native trees :	Native tree species with large canopy size and flower and fruit bearing variety will be selected.
	Timeline for completion of plantation :	Till the operation phase of the project

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	We will be submitted during EIA presentation	We will be submitted during EIA presentation	We will be submitted during EIA presentation	We will be submitted during EIA presentation

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

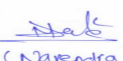
47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	We will be submitted during EIA presentation
	DG set as Power back-up during construction phase	We will be submitted during EIA presentation
	During Operation phase (Connected load):	We will be submitted during EIA presentation
	During Operation phase (Demand load):	We will be submitted during EIA presentation
	Transformer:	We will be submitted during EIA presentation
	DG set as Power back-up during operation phase:	We will be submitted during EIA presentation
	Fuel used:	We will be submitted during EIA presentation
	Details of high tension line passing through the plot if any:	NA

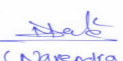
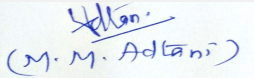
48.Energy saving by non-conventional method:

We will be submitted during EIA presentation.


49.Detail calculations & % of saving:

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 28 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Serial Number	Energy Conservation Measures	Saving %					
1	We will be submitted during EIA presentation	We will be submitted during EIA presentation					
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:	We will be submitted during EIA presentation					
	O & M cost:	We will be submitted during EIA presentation					
51.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	We will be submitted during EIA presentation	We will be submitted during EIA presentation	We will be submitted during EIA presentation				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	We will be submitted during EIA presentation	We will be submitted during EIA presentation	We will be submitted during EIA presentation	We will be submitted during EIA presentation			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
Nos. of the junction to the main road & design of confluence:			Separate entry and exit				

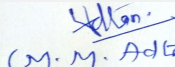
 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 29 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Parking details:	Number and area of basement:	NA
	Number and area of podia:	Total no of podiums: 14 for Residential + 2 Level Podium For Commercial Area under podiums - 1,30,000 sq.mt.
	Total Parking area:	1,30,158 sq.mt.
	Area per car:	30 sq.mt (including driveway area)
	Area per car:	30 sq.mt (including driveway area)
	Number of 2-Wheelers as approved by competent authority:	12,508 nos.
	Number of 4-Wheelers as approved by competent authority:	2,472 nos.
	Public Transport:	23 nos. Buses
	Width of all Internal roads (m):	9.0 m to 18 m
	CRZ/ RRZ clearance obtain, if any:	To be obtained
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	No
	Other Relevant Informations
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 30
of 113


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

Representative of PP was present during the meeting along with environmental consultant. M/s. Fine Envirotech Engineers.

PP informed that, the project under consideration new proposed integrated township project. PP further stated that, the total plot area of the project is 2584.38 Sq.mt having total construction area 115050.31 Sq.mt (FSI - 96873.43 Sq.mt + NON FSI- 18176.88 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Villas (76 nos.)	G + 2	12
Low Rise Apartments (Type A) - 96 nos	G + 4	18
Mid Rise Apartments (Type B) -12 nos	G + 10	39
High Rise Apartments - 12 nos.	S+4	14.10
EWS - 5 nos.	G + 15	48
School - 1 no.	G + 5	18
Town Hall	G + 3	15
Market	G + 3	15
Health Care	G + 4	18
Commercial	Podium 2 Levels +12 Floors	48
Utilities (Total 13 Buildings)	G + 2 (Average) 10	G + 2 (Average) 10

It is noted that the project earlier considered in SEAC-2 94th (Day-2) Meeting held on 03-04-2019 & 1) to submit the copy of Location Clearance. 2) to submit the all NoC mentioned in the Location Clearance letter. 3) to submit the CRZ NoC. 4) to submit the contour for site before & after levelling. 5) to upload acknowledgement regarding plan submitted to local planning authority. 6) Committee noted that, PP have circulated the revised CS,PP to revise the same online also. 7) to submit the plan to reduce Noise pollution. 8) to submit the CFO NoC. 9) to ensure ECBC norms are complied. 10) to ensure that, no nalla should be diverted. PP to submit the nalla remarks. 11) to submit the DP remarks. 12) to submit the sewerage network, water supply, storm water drain NOC from local planning authority. 13) to submit Contour and slope analysis superimposed with storm water drain, sewer line map in the project and 500 mtr around the project. 14) to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect. 15) to submit the compensatory plantation plan. 16) to ensure that maximum treated water should be recycled. 17) to submit project specific DMP. 18) to submit the detail biodiversity chapter in EIA considering the eco-sensitivity of the site. 19) to verify the distance of project site from Flamingo Sanctuary. PP to submit & upload the same. 20) to ensure that RG required is as per the norms and should be on Mother Earth. 21) to ensure that activities proposed in the CER should be as per findings of socio-economic report. As agreed by PP, PP will be developing Mangrove Park/ nursery, will be providing bio-fencing for the Mangrove area, Ecotourism plan for the locals, Awareness camp in schools for mangrove & ecosystem conservation, establishing Marine tourism entrepreneurship training projects for communities and Development of Environmental & Ecological Information Centre as part of CER activities and as additional initiatives. 22) 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. 23) to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above. Accordingly, PP submitted the compliance which was taken on record.

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

Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.			
Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 31 of 113	Shri M.M.Adtani (Chairman SEAC-II)

DECISION OF SEAC

In view of above, the proposal is deferred and shall be considered only after the compliance of above observations. The project will be appraised afresh after the compliance of above observations.


Specific Conditions by SEAC:

- 1) PP to obtain CRZ clearance for the project.
- 2) PP to submit the fire NOC from Directorate of Maharashtra Fire Service.
- 3) PP to ensure that, no nalla should be diverted. PP to submit the nalla remarks.
- 4) PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority that is collector.
- 5) PP to submit Regional Development plan.
- 6) PP to revise the hydrology study considering the Flood plain between the two nallas on either side of project should examine & contour should consider the - entry point to the project side at high flood level. Also to compare the result of hydrology in 2 dimension model.
- 7) PP to submit the current status of existing sewer disposal system & storm water system.

FINAL RECOMMENDATION

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

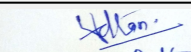
SEAC-AGENDA-00000000412


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

**SEAC Meeting No: 131 Meeting Date: March 5,
2020**

Page 32
of 113


(M. M. Adtani)

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

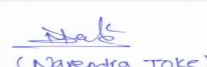
Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for Environment Clearance for Panch Ratna SRA Co-operative Housing Society (under SRA Scheme) at Plot bearing C.T.S. No. 1B/7, 1/B/7/1 to 4 & 8, 8/1 to 8, 9A, 9A/1 to 12, 1/B / 10/ B of village Dindoshi, Panch Bavadi, Goregaon (E), and CTS No.581/A/18, 581/A/18/1 to 9, 581/A/19, 581A/19/1 to 23 Village Malad (E) Panch Bavadi Goregaon (E) Mumbai 400 063 by M/s. Shree Swami Samarth Developers

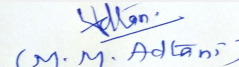
Is a Violation Case: No

1.Name of Project	Panch Ratna SRA Co-operative Housing Society (under SRA Scheme)
2.Type of institution	Private
3.Name of Project Proponent	M/s. Shree Swami Samarth Developers
4.Name of Consultant	M/s. Enviro Analysts and Engineers Pvt. Ltd.
5.Type of project	SRA Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot bearing C.T.S. No. 1B/7, 1/B/7/1 to 4 & 8, 8/1 to 8, 9A, 9A/1 to 12, 1/B / 10/ B of village Dindoshi, Panch Bavadi, Goregaon (E), and CTS No.581/A/18, 581/A/18/1 to 9, 581/A/19, 581A/19/1 to 23 Village Malad (E) Panch Bavadi Goregaon (E) Mumbai 400 063.
9.Taluka	Borivali
10.Village	Dindoshi
Correspondence Name:	M/s. Shree Swami Samarth Developers
Room Number:	1/3
Floor:	First
Building Name:	Krishnai
Road/Street Name:	Off M. G. Road
Locality:	Goregaon (W)
City:	Mumbai-400062
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: SRA/ENG/2920/PS/MCGM&STGL/AP dated 26.8.2013 for rehab building & SRA/ENG/3379/PS/MCGM & STGL/AP dated 1.10.2016 for Sale building Approved Built-up Area: 27985.73
13.Note on the initiated work (If applicable)	Ground floor slab for rehab building has been completed
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	SRA/ENG/2045/PS/MCGM-STGL/LOI dtd 23.09.2016
15.Total Plot Area (sq. m.)	13438.40 sq.m
16.Deductions	3825.86 sq.m
17.Net Plot area	9612.54 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 62258.59 sq.m b) Non FSI area (sq. m.): 42716.40 sq.m c) Total BUA area (sq. m.): 104974.99
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 19009.43 Approved Non FSI area (sq. m.): 8976.30 Date of Approval: 01-10-2016
19.Total ground coverage (m2)	3807.76 sq.m


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 33
of 113


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

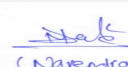
20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39.61 %
21. Estimated cost of the project	3370000000

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Bldg. 1	Lower Ground 1&2 + Gr.+ 23rd floors	68.40 m
2	Rehab Bldg. 2	Lower Ground + Gr + 23rd floors	69.60 m
3	Sale Bldg. (Wing A)	Park Level 1&2 + Part Podium/ 1st to 36th floor	112.45 m
4	Sale Bldg. (Wing B)	Park Level 1&2 + Part Podium + 2nd to 37th floor	115.40 m
5	Sale Bldg. (Wing C)	Park Level 1&2 + Part Podium + 2nd to 38th floor	118.35 m
6	Commercial Bldg.	Gr + 8th floor	29.95 m

23. Number of tenants and shops	Rehab: Residential: 502 (247+255) PAP: 65 (23+42) Commercial: 25 (16+4+5) R/C: 15 (12+3) Community hall: 1 BWS: 12 Library: 1 Skill dept. center: 2 Sale: Residential: 668
24. Number of expected residents / users	5651 nos.
25. Tenant density per hectare	650 Tenants / hectore
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.30 m wide 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	NA
30. Details of the demolition with disposal (If applicable)	NA

31. Production Details

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 34 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

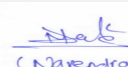
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA

32.Total Water Requirement

Dry season:	Source of water	MCGM & Recycled Water		
	Fresh water (CMD):	502		
	Recycled water - Flushing (CMD):	253		
	Recycled water - Gardening (CMD):	5		
	Swimming pool make up (Cum):	-		
	Total Water Requirement (CMD) :	760		
	Fire fighting - Underground water tank(CMD):	1000		
	Fire fighting - Overhead water tank(CMD):	240		
	Excess treated water	355		
Wet season:	Source of water	MCGM & Recycled Water		
	Fresh water (CMD):	502		
	Recycled water - Flushing (CMD):	253		
	Recycled water - Gardening (CMD):	0		
	Swimming pool make up (Cum):	-		
	Total Water Requirement (CMD) :	755		
	Fire fighting - Underground water tank(CMD):	1000		
	Fire fighting - Overhead water tank(CMD):	240		
	Excess treated water	360		
Details of Swimming pool (If any)	NA			

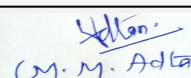
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA

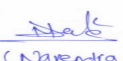

 (Narendra Toke)
Shri Narendra Toke
 (Secretary SEAC-II)

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 35
of 113

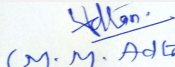

 (M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3 m - 5 m
	Size and no of RWH tank(s) and Quantity:	165 cum capacity of 5 tanks.
	Location of the RWH tank(s):	below ground level
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 16.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2.00 Lakh/annum
	Details of UGT tanks if any :	Domestic Tank: 502 cum Flushing tank: 252 cum Fire tank: 450 cum
35.Storm water drainage	Natural water drainage pattern:	West to East and North to South
	Quantity of storm water:	0.2 cum/sec
	Size of SWD:	0.45 m X 0.30 m
Sewage and Waste water	Sewage generation in KLD:	679 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	3 STP (140 +150 + 400) = 690 KLD
	Location & area of the STP:	below ground level
	Budgetary allocation (Capital cost):	Rs. 91.00 Lakhs
	Budgetary allocation (O & M cost):	Rs. 23.00 Lakhs/annum
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:	1114 kg/day
	Wet waste:	1520 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	28 kg/day
	Others if any:	NA


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 36
of 113


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

Mode of Disposal of waste:	Dry waste:	Will be handed over to Local Recyclers.
	Wet waste:	Will be processed in the OWC manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as manure
	Others if any:	NA
Area requirement:	Location(s):	Located at Ground Level
	Area for the storage of waste & other material:	Total Area: 139 sq.m
	Area for machinery:	Area including in area of storage waste & other material
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 19.00 lakhs
	O & M cost:	Rs. 3.00 Lakhs/annum

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

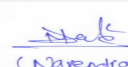
39. Stacks emission Details

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

40. Details of Fuel to be used

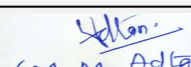
Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	NA	NA	NA

41. Source of Fuel	NA
42. Mode of Transportation of fuel to site	NA


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 37
of 113


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

43.Green Belt Development	Total RG area :	1302.08 sq.m
	No of trees to be cut :	10 nos.
	Number of trees to be planted :	39 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

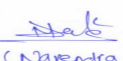
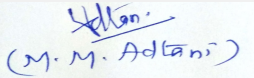
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Neolamarckia cadamba	Kadamb	3	Evergreen tree
2	Alstonia scholaris	Satvin	3	Evergreen tree
3	Peltophorum pterocarpum	Yellow Gulmohar	5	Flowering tree
4	Mimusops elengi	Bakul	8	Evergreen tree
5	Prunus dulcis	Almond tree	4	Shady & fruiting tree
6	Magnolia champaca	Sonchafa	8	Flowering tree
7	Azadirachta indica	Neem	4	Medicinal tree
8	Bauhinia purpuria	Purple Orchid Tree	4	Flowering tree

45.Total quantity of plants on ground

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

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

47.Energy

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 38 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Power requirement:	Source of power supply :	Adani Power
	During Construction Phase: (Demand Load)	50 to 100 KW
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	13890 kW
	During Operation phase (Demand load):	3172 kW
	Transformer:	1000 x 4 kVA
	DG set as Power back-up during operation phase:	500 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

USE OF LED
USE OF SOLAR PV
USE OF VFD

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saving	14 %

50. Details of pollution control Systems

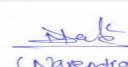
Source	Existing pollution control system	Proposed to be installed
NA	NA	NA

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30 Lakhs
	O & M cost:	Rs. 2 Lakhs/annum

51. Environmental Management plan Budgetary Allocation

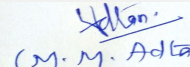
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water Sprinkling, Green Belt Development, Covered storage area	4.0
2	Noise	Noise Barricades and Green Belt Developments	3.00
3	Water	Modular STP, Drainage with sedimentation tanks	3.00


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 39
of 113


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

4	EHS	Site Sanitation & Health Care	3.00
5	Environment Monitoring	Environment Monitoring	3.6

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	RWH	16.00	2.00
2	Water Environment	STP	91.00	23.00
3	Solid waste Management	OWC	19.00	3.00
4	Energy saving	Solar	30.00	2.00
5	Land Environment	Landscaping	8.00	2.00

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

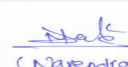
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

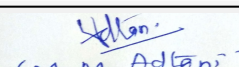
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	3 nos. of entry & exit
Parking details:	Number and area of basement:	NA
	Number and area of podia:	Part Podium
	Total Parking area:	2230 sq.m.
	Area per car:	4.12 sq. m.
	Area per car:	4.12 sq. m.
	Number of 2-Wheelers as approved by competent authority:	53 nos.
	Number of 4-Wheelers as approved by competent authority:	541 nos.
	Public Transport:	NA
Width of all Internal roads (m):	Minimum 6.00 m wide internal road	


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 40
of 113


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

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	ESZ of Sanjay Gandhi National Park 0.73 km from project boundary, ESZ of Flamingo 0.63 km from project boundary
	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

Summarised in brief information of Project as below.

Brief information of the project by SEAC

SEAC-AGENDA-00000000419

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

PP informed that, the project under consideration new SRA scheme project. PP further stated that, the total plot area of the project is 13438.40 Sq.mt having total construction area 104974.99 Sq.mt (FSI - 62258.59 Sq.mt + NON FSI- 42716.40 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Rehab Bldg. 1	Lower Ground 1&2 + Gr.+ 23rd floors	68.40 m
Rehab Bldg. 2	Lower Ground + Gr + 23rd floors	69.60 m
Sale Bldg. (Wing A)	Park Level 1&2 + Part Podium/ 1 st to 36th floor	112.45 m
Sale Bldg. (Wing B)	Park Level 1&2 + Part Podium + 2nd to 37th floor	115.40 m
Sale Bldg. (Wing C)	Park Level 1&2 + Part Podium + 2nd to 38th floor	118.35 m
Commercial Bldg.	Gr + 8th floor	29.95 m

It is noted that the project earlier considered in SEAC-2 108th (Day-2) Meeting held on 14-08-2019 & deferred with observations namely- 1) informed that, there is change in CS regarding nomenclature of the building. PP to revise the online CS accordingly. 2) to submit & upload the copy of acknowledgement for plan submitted to SRA. 3) to submit the revised architect certificate with name & registration number of architect. 4) to submit the, status regarding the natural nalla in project site. 5) to submit the CC for rehab building which was under consideration. 6) to carry out the survey of rehab tenements with respect to the having 2, 4 wheeler vehicles. 7) to submit the remarks of the sewer drain. 8) to provide the separate OWC for the commercial building & OWC of rehab building should be earmark. 9) to abide all conditions mentioned in the SWD NoC dated 26/12/2016. 10) to submit the revised RG calculations including RG proposed on the podium. 11) Committee noted that the RG for rehab & sale is common, as agree by PP, PP to ensure that RG should be accessible to rehab also. 12) to provide clear circulatory fire tender movement for commercial building. 13) to provide swept path analysis for rehab building. 14) to submit CER of 0.75 % prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department. Accordingly, PP submitted the compliance which was taken on record.

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

Notification, 2006. Consolidated statements, synopsis of compliances submitted are taken on the record. (Narendra Toke)	form 1, 1A, presentation & plans
Shri Narendra Toke (Secretary SEAC-II)	Shri M.M.Advani (Chairman SEAC-II)
SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 42 of 113

DECISION OF SEAC

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


Specific Conditions by SEAC:

- 1) PP to give the details of LOI & plan sanction & by which 15,581.43 sq. mt construction already constructed without EC.
- 2) PP to ensure RG provided in project is accessible to rehab also as the same way of sale component.
- 3) 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.
- 4) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

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

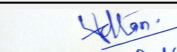
SEAC-AGENDA-0000000419


(Narendra Toke)

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

**SEAC Meeting No: 131 Meeting Date: March 5,
2020**

**Page 43
of 113**


(M. M. Adtani)

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

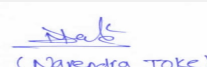
Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for Proposed Amendment of Environmental Clearance of Integrated Township Project, at Vardoli, Panvel Taluka, Raigad Maharashtra by M/s Wadhwa Construction and Infrastructure Private Limited

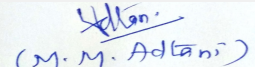
Is a Violation Case: No

1.Name of Project	Proposed Amendment of Environmental Clearance of Integrated Township Project, at Vardoli, Panvel Taluka, Raigad Maharashtra by M/s Wadhwa Construction and Infrastructure Private Limited
2.Type of institution	Private
3.Name of Project Proponent	M/s Wadhwa Construction & Infrastructures Pvt.Ltd.
4.Name of Consultant	Building Environment India Pvt ltd
5.Type of project	Integrated Township Project
6.New project/expansion in existing project/modernization/diversification in existing project	Diversification in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes Environmental Clearance obtained on 31st May,2018 Vide F.No.21-258/2017-IA-III from MoEF&CC.
8.Location of the project	The subject property is located in Village Vardoli, Bherle and Bhingarwadi of Panvel Taluka, Raigad, Maharashtra. It falls partly in NAINA area of CIDCO and partly in MMRDA RP boundary. The site is accessed from existing Road of 18M ROW. The geographical coordinates of the site are given below: Latitude: 18°57'27.87"N Longitude: 73°11'30.84"E
9.Taluka	Panvel
10.Village	Vardoli, Bherle and Bhingarwadi
Correspondence Name:	Mr Gurudatta Deshmukh
Room Number:	301
Floor:	3rd Floor
Building Name:	Platina, C-59
Road/Street Name:	G Block
Locality:	Bandra Kurla Complex
City:	Mumbai
11.Whether in Corporation / Municipal / other area	It falls partly in NAINA area of CIDCO and partly in MMRDA RP boundary
12.IOD/IOA/Concession/Plan Approval Number	1. Amended Master Plan and Building Plan Commencement Certificate dated - 20th May 2019 vide CIDCO/NAINA/PANVEL/Vardoli/ITP/BP-236/Amended perm/2019/585/SAP/162. 2. RZ-04 Layout Approval Commencement dated 10th February 2020 vide CIDCO/NAINA/PANVEL/Vardoli/ITP/BP-236/Final Layout/2020/77/SAP/1804 IOD/IOA/Concession/Plan Approval Number: 1. Amended Master Plan and Building Plan Commencement Certificate dated - 20th May 2019 vide CIDCO/NAINA/PANVEL/Vardoli/ITP/BP-236/Amended perm/2019/585/SAP/162. 2. RZ-04 Layout Approval Commencement dated 10th February 2020 vide CIDCO/NAINA/PANVEL/Vardoli/ITP/BP-236/Final Layout/2020/77/SAP/1804 Approved Built-up Area: 249916.89
13.Note on the initiated work (If applicable)	As per Environmental Clearance obtained on 31st May,2018 Vide F.No.21-258/2017-IA-III from MoEF&CC till date status of construction on site: Construction Status as on 25.02.2020 Sr No Name of the Building Status of Construction Construction area in m2 1 Building No 1 - Wing A1 20th Floor Completed. 9719.50 (Incl of Non FSI 738.50) 2 Building No 1 - Wing A2 Foundation Completed. 3 Building No 1 - Wing A3 Foundation Completed. 4 Building No 6 - Wing A4 1st Floor Completed 925.67 (Incl of Non FSI 70.33) 5 Building No 1 - Wing B3 5th Floor Completed. 2586.00 (Incl of Non FSI 148.50) 6 Building No 3 - Wing C1 17th Floor Completed 8941.67 (Incl of Non FSI 343.75) 7 Building No 3 - Wing C2 16th Floor Completed 8345.56 (Incl of Non FSI 320.83) 8 Building No 3 - Wing C3 CC Obtained Work Not yet started 9 Building No 4 - Wing F2 CC Obtained. Work not yet started 10 Building No 4 - Wing F3 Foundation Completed. 11 Building No 4 - Wing F4 Ground Floor Completed 476.89 (Incl of Non FSI 403.33) 12 Building No 5 - Wing D1 21st Floor Completed; 10491.56 (Incl of Non FSI 403.33) 13 Building No 5 - Wing D2 18th Floor Completed; 9060.89 (Incl of Non FSI 348.33 14 Building No 5 - Wing D3 8th Floor Completed. 4292.00 (Incl of Non FSI 165.00) 15 Building No 5 - Wing D4 Foundation Completed. 16 Building No 5 - Wing D5 CC Obtained. Work not yet started 1,00,000 sq m Road works completed including streetlights and landscaping.


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

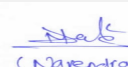
Page 44
of 113


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

14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	8,46,129.39 sq.mt
16.Deductions	0
17.Net Plot area	8,46,129.39 sq.mt
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): RZ-04 (Residential): 47948.24 m2 RZ-08 (Residential): 310922.34 m2 EDU-01 (Educational) :13200.00 m2 Fire Station: 494.36 m2 Proposed FSI Area: 3,72564.94 m2
	b) Non FSI area (sq. m.): RZ-04 (Residential): 18035.71 m2 RZ-08 (Residential): 62114.41 m2 EDU-01 (Educational): 5280.00 m2 Fire Station: 50.00 m2 Proposed Non-FSI: 85,480.12 m2
	c) Total BUA area (sq. m.): 458145.51
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Total -2,51,570.13
	Approved Non FSI area (sq. m.): Total - 73,936.43
	Date of Approval: 11-05-2018
19.Total ground coverage (m2)	RZ-04 (Residential): 20595.38 m2 RZ-08 (Residential): 29590.98 m2 EDU-01 (Educational): 2714.29 m2 Fire Station: 460.00 m2 Total Ground coverage: 53,360.65 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	RZ-04 (Residential): 32.10 % RZ-08 (Residential): 31.44 % EDU-01 (Educational): 38.52 % Fire Station: 14.63 %
21.Estimated cost of the project	10800000000

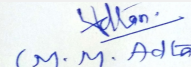
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	RZ - 08	--	--
2	Building 1 - Wing A1	Ground + 25 Upper Floors	75.85
3	Building 1 - Wing A2	Ground + 25 Upper Floors	75.85
4	Building 1 - Wing A3	Ground + 25 Upper Floors	75.85
5	Building 6 - Wing A4	Ground + 25 Upper Floors	75.85
6	Building 2 - Wing B1	Ground + 25 Upper Floors	75.85
7	Building 2 - Wing B2	Ground + 25 Upper Floors	75.85
8	Building 2 - Wing B3	Ground + 25 Upper Floors	75.85
9	Building 3 - Wing C1	Lower 2+Lower Stilt + Upper Stilt + 25 Upper Floors	81.65
10	Building 3 - Wing C2	Lower Stilt + Upper Stilt + 25 Upper Floors	78.75
11	Building 3 - Wing C3	Lower Stilt + Upper Stilt + 25 Upper Floors	78.75
12	Building 4 - Wing F2	Ground + 25 Upper Floors	75.85
13	Building 4 - Wing F3	Lower Stilt + Upper Stilt + 25 Upper Floors	78.75
14	Building 4 - Wing F4	Lower Stilt + Upper Stilt + 25 Upper Floors	78.75
15	Building 7 - Wing E1	Ground + 25 Upper Floors	75.85
16	Building 7 - Wing E2	Ground + 25 Upper Floors	75.85
17	Building 4 - Wing G1	Lower Stilt + Upper Stilt + 25 Upper Floors	78.75
18	Building 4 - Wing G2	Lower Stilt + Upper Stilt + 25 Upper Floors	78.75
19	Building 5 - Wing D1	Ground + 2 Podia+23 Upper Floors	75.85
20	Building 5 - Wing D2	Lower Stilt + Upper Stilt + 2 Podia+25 Upper Floors	78.75


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 45
of 113

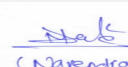

(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

21	Building 5 - Wing D3	Ground + 3 Podia+22 Upper Floors	75.85
22	Building 5 - Wing D4	Ground + 4 Podia+21 Upper Floors	75.85
23	Building 5 - Wing D5	Ground + 5 Podia+20 Upper Floors	75.85
24	Building 7 - Wing E3	Ground + 25 Upper Floors	75.85
25	RZ-04	--	--
26	Single Dwelling Units - 230 Nos. (Row House, Twin Bungalows and Independent Units)	Stilt+2	10.200
27	Education:	--	--
28	School	G+8	29.70
29	Fire station:	--	--
30	Fire Station	G+2	6.6 m

23.Number of tenants and shops	RZ-08: 5150 Units RZ-04: 1. Single Dwelling Units - 230 Nos. (Row House, Twin Bungalows and Independent Units)
24.Number of expected residents / users	Total - 50819 Residential Zone - RZ 01 - 78 RZ 02 - 904 RZ: 03 - 1016 RZ: 04 - 1460 RZ: 05 - 2040 RZ: 08 - 25750 Total - 31248 Commercial Zone CZ 01 - 10309 CZ 02 - 1069 CZ 03 - 889 CZ 04 - 2525 CZ 05 - 1447 EDU 1 - 3300 NORTH BLOCK RWTP: 4 SOUTH BLOCK RWTP: 4 POLICE STATION: 10 SOUTH BLOCK SUBSTATION: 4 FIRE STATION: 20 Total:19571
25.Tenant density per hectare	63.58
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 to 36m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m or Half of perpendicular Road width
29.Existing structure (s) if any	As per Environmental Clearance obtained on 31st May,2018 Vide F.No.21-258/2017-IA-III from MoEF&CC till date status of construction on site: Construction Status as on 25.02.2020 Sr. No Name of the Building Status of Construction Construction area in m2 1 Building No 1 - Wing A1 20th Floor Completed. 9719.50 (Incl of Non FSI 738.50) 2 Building No 1 - Wing A2 Foundation Completed. 3 Building No 1 - Wing A3 Foundation Completed. 4 Building No 6 - Wing A4 1st Floor Completed 925.67 (Incl of Non
30.Details of the demolition with disposal (If applicable)	NA

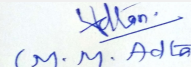
31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	NA	NA	NA	NA


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 46
of 113


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

32.Total Water Requirement

Dry season:	Source of water	CIDCO
	Fresh water (CMD):	4967 KLD
	Recycled water - Flushing (CMD):	2476 KLD
	Recycled water - Gardening (CMD):	165
	Swimming pool make up (Cum):	50
	Total Water Requirement (CMD) :	7658 KLD
	Fire fighting - Underground water tank(CMD):	as per Fire NOC
	Fire fighting - Overhead water tank(CMD):	as per Fire NOC
	Excess treated water	1605
Wet season:	Source of water	CIDCO
	Fresh water (CMD):	4967 KLD
	Recycled water - Flushing (CMD):	2476 KLD
	Recycled water - Gardening (CMD):	--
	Swimming pool make up (Cum):	50
	Total Water Requirement (CMD) :	7493 KLD
	Fire fighting - Underground water tank(CMD):	as per Fire NOC
	Fire fighting - Overhead water tank(CMD):	as per Fire NOC
	Excess treated water	1770
Details of Swimming pool (If any)	Phase-1: Area-300 Sq.mt Depth-1.50 mt. Located in club house Phase-2: Area-300 Sq.mt Depth-1.50 mt. Located in club house	

33.Details of Total water consumed

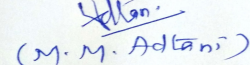
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	--	2216	8750	--	--	--	--	--	--


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 47
of 113


(M. M. Adtani)

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	8.00 m- 8.81m below ground surface	
	Size and no of RWH tank(s) and Quantity:	Nil	
	Location of the RWH tank(s):	Nil	
	Quantity of recharge pits:	385 Nos.	
	Size of recharge pits :	3mx3mx3m	
	Budgetary allocation (Capital cost) :	11.55 Cr.	
	Budgetary allocation (O & M cost) :	23.00 L	
	Details of UGT tanks if any :	NA	
35.Storm water drainage	Natural water drainage pattern:	Towards west	
	Quantity of storm water:	N-10: 4.4 m3/sec N-12: 0.74 m3/sec N-49: 7.319 m3/sec N-53: 1.033 m3/sec N-55: 0.120 m3/sec N-58: 0.93 m3/sec N-66: 0.375 m3/sec N-75: 0.086 m3/sec N-76: 0.086 m3/sec	
	Size of SWD:	N-10: 1.50 X 1.68 N-12: 0.60 X 0.70 N-49: 1.2 X 1.6 N-53: 0.45 X 0.6 N-55: 0.45 X 0.3 N-58: 0.60 X 0.9 N-66: 0.30 X 0.50 N-75: 0.30 X 0.30 N-76: 0.30 X 0.30	
Sewage and Waste water	Sewage generation in KLD:	4718.03	
	STP technology:	MBBR	
	Capacity of STP (CMD):	RZ-08- 4 STP of total capacity 4402 KLD RZ-04- 1 STP of capacity102 KLD EDU-01-1 STP of capacity 130KLD	
	Location & area of the STP:	Ground floor Description Capacity (KLD) Area (sq. m) RZ-08 4 STP of total capacity 4402 KLD Total area of 3240 RZ-04 102 96 EDU-01 130 112	
	Budgetary allocation (Capital cost):	14.96 cr	
	Budgetary allocation (O & M cost):	1.49 cr	
36.Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	11.74 TPD	
	Disposal of the construction waste debris:	Construction waste will be disposed according to C&D waste rules 2016	
Waste generation in the operation Phase:	Dry waste:	RZ-08- 4082 Kg/day RZ-04- 194 Kg/day EDU-01-472 Kg/day Total -4748 Kg/day	
	Wet waste:	RZ-08- 6122 Kg/day RZ-04- 292 Kg/day EDU-01-315 Kg/day Total- 6729 Kg/day	
	Hazardous waste:	Waste oil from DG sets	
	Biomedical waste (If applicable):	--	
	STP Sludge (Dry sludge):	708 kg/day	
	Others if any:	NA	
Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 48 of 113	Shri M.M.Adtani (Chairman SEAC-II)

Mode of Disposal of waste:	Dry waste:	Will be disposed through recyclers
	Wet waste:	Will be treated in OWC
	Hazardous waste:	Will be handled as per Hazardous waste Rules, 2018
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	After treatment in OWC will be used as soil conditioner
	Others if any:	NA
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	Will be provided in EIA
	Area for machinery:	Will be provided in EIA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Will be provided in EIA
	O & M cost:	Will be provided in EIA

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

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	--	--	--	--	--	--

40. Details of Fuel to be used

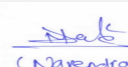
Serial Number	Type of Fuel	Existing	Proposed	Total
1	--	--	--	--

41. Source of Fuel

--

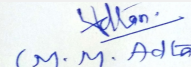
42. Mode of Transportation of fuel to site

--


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020


Page 49
of 113


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

43.Green Belt Development	Total RG area :	RG-08:10724.98 Sq.m RG-04:7627.13 Sq.m EDU-01:704.6 Sq.m
	No of trees to be cut :	RG-08 Transplant Trees:6 Retained trees:22 Cut trees:4
	Number of trees to be planted :	10811
	List of proposed native trees :	Is provided in EIA
	Timeline for completion of plantation :	Throughout the project construction phase

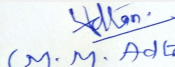
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Rain tree	Samanea saman	284	It provides plenty of shade with its big umbrella-shaped crown
2	Copper pod	Peltophorum pterocarpum	269	It is a very handsome tree with its spreading crown of many branches consisting of feathery mimosa like leaves and abundance of bright yellow blooms.
3	Gulmohur	Delonix regia	140	The gulmohur grows up to a height of 25 to 40 ft. The flowers are large and striking.
4	Cassia simeya	Senna siamea	130	The tree grows to a height of 15-20 m, with a high crown and straight bole.
5	Rosy trumpet tree	Tabebuia rosea	80	Tabebuia rosea, commonly called pink trumpet, rosy trumpet tree or pink poui, is an evergreen (usually considered deciduous in climates with a dry season) tree with a long, smooth trunk topped by a rounded spreading crown
6	Indian rosewood	dalbergia sissoo	15	Indian rosewood is a heavy timber with high-strength properties and is particularly hard for its weight after being thoroughly seasoned."
7	mahogany	Swietenia macrophylla	35	Mahogany has a straight, fine, and even grain, and is relatively free of voids and pockets.
8	African tulip tree	Spathodea campanulata	123	African tulip tree can reach 50 to 60 feet in height and 40 feet in width. It has wide, roundish crown.
9	Vad	Ficus benghalensis	6	The leaves of the banyan tree are large, leathery, glossy, green, and elliptical. Like most figs, the leaf bud is covered by two large scales.
10	pipal	Ficus religiosa	6	The tree is deciduous, grows quickly and can reach an average height of 100 feet, with the trunk being thick and 10 feet in diameter.
11	Neem	Azadirachta indica	20	Neem trees are fast-growing, medium-sized trees, usually attaining a height of 50 to 65 feet.


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 50
of 113


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

12	Black board tree	Alstonia scholaris	40	Alstonia scholaris is a glabrous tree and grows up to 40 m (130 ft) tall.
13	Indian laburnum	Cassia fistula	125	The 12-18 inches long showy flower racemes give the tree a very elegant look as they sway majestically in the spring breeze.

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	Provided in EIA	Provided in EIA	Provided in EIA

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	480 KW
	DG set as Power back-up during construction phase	as per requirement
	During Operation phase (Connected load):	92310 kw
	During Operation phase (Demand load):	62554 KW
	Transformer:	2 X10MVA for each phase
	DG set as Power back-up during operation phase:	1 DG set of capacity 380KVA 1 DG set of capacity 320kva 1 DG set of capacity 180 kVA
	Fuel used:	High Speed Diesel (HSD)
	Details of high tension line passing through the plot if any:	YES

48.Energy saving by non-conventional method:

? 100% of the external lighting shall be energy efficient and or powdered by solar energy systems
 ? LED/ T5/CFL streetlights with the pole mounted solar PV panel can be installed
 ? Equipment's (Transformer, HVAC motors & fan, light, pump etc) installed shall meet the BEE/ ECBC guideline
 ? All pumps & motors should be BEE certified and have a minimum efficiency of 75%
 ? All water tanks in the building should be fitted with the level controllers to avoid the un necessary operation of the pump

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using Solar Panels & Solar street lighting	provided in EIA

50.Details of pollution control Systems

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

Will be provided in EIA	Will be provided in EIA	Will be provided in EIA
-------------------------	-------------------------	-------------------------

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	250.00 lacs
	O & M cost:	25.00 lacs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	8
2	Water Environment	Site Sanitation, Disinfection & Health Check Up	25.3
3	Environmental Monitoring	Environmental Monitoring	60
4	Land environment	Debris/Top soil Management	6.3
5	Socio- economic environment	Health and Safety of Labourers	2
6	EMC	EMC	12

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	sewage treatment	MBBR technology	1496.00	149.4
2	Solid Waste Management	OWC	288.00	48.00
3	Rain Water Management	Recharge pits	115.50	23.00
4	RG Area	landscaping	303.6	16.00
5	Energy Saving	Solar panels	250.00	25.00
6	DMP	Fire Fighting measures	794	45.3
7	Monitoring of Environmental Parameters	Monitoring of Environmental Parameters	--	4.8
8	Environment monitoring cell	Environment monitoring cell	--	2.5

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 52 of 113	 Shri M.M.Adtani (Chairman SEAC-II)
---	---	---------------------------------	--

No Information Available

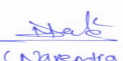
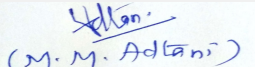
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	2
Parking details:	Number and area of basement:	--
	Number and area of podia:	5 Nos. Area: 33562.41 sq.mt
	Total Parking area:	33562.41 sq.mt
	Area per car:	24 Sq M
	Area per car:	24 Sq M
	Number of 2-Wheelers as approved by competent authority:	RZ-08 (Residential): 604 RZ-04 (Residential): 51 EDU-01 (Educational): 7 Fire Station: 2 Total: 662
	Number of 4-Wheelers as approved by competent authority:	RZ-08 (Residential): 2517 RZ-04 (Residential): 563 EDU-01 (Educational): 82 Fire Station: 4 Total: 3166
	Public Transport:	--
	Width of all Internal roads (m):	9 to 36 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Abutting the Bufferzone of MESZ (Notified Ecosensitive Area)
	Category as per schedule of EIA Notification sheet	8(b)
	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

Summarised in brief information of Project as below.

Brief information of the project by SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 53 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Representative of PP was present during the meeting along with environmental consultant. M/s. Building Environment India Pvt ltd.

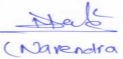
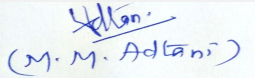
PP informed that, the project under consideration expansion in existing township project. PP further stated that, the total plot area of the project is 846129.39 Sq.mt having total construction area 325506 Sq.mt (FSI 251570.13Sq.mt + NON FSI- 73936.43 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Phase-1: 16 Bldgs.	--	--
Building 1 - Wing A1	Ground + 25 Upper Floors	75.85
Building 1 - Wing A2	Ground + 10 Upper Floors	32.35
Building 1 - Wing A3	Ground + 5 Upper Floors	17.85
Building 6 - Wing A4	Ground + 25 Upper Floors	75.85
Building 2 - Wing B3	Building 2 - Wing B3	75.85
Building 3 - Wing C1	Lower 2+Lower Stilt + Upper Stilt + 25 Upper Flrs	81.65
Building 3 - Wing C2	Lower Stilt + Upper Stilt + 25 Upper Floors	78.75
Building 3 - Wing C3	Lower Stilt + Upper Stilt + 10 Upper Floors	35.25
Building 4 - Wing F2	Ground + 25 Upper Floors	75.85
Building 4 - Wing F3	Lower Stilt + Upper Stilt + 25 Upper Floors	78.75
Building 4 - Wing F4	Lower Stilt + Upper Stilt + 12 Upper Floors	38.15
Building 1 - Wing D1	Ground + 2 Podia+23 Upper Floors	75.85
Building 1 - Wing D2	Lower Stilt + Upper Stilt + 2 Podia+23 Upper Floors	78.75
Building 1 - Wing D3	Ground + 3 Podia+22 Upper Floors	75.85
Building 1 - Wing D4	Ground + 4 Podia+21 Upper Floors	75.85
Building 1 - Wing D5	Ground + 5 Podia+20 Upper Floors	75.85
Phase-2:	--	--
Row House 164 Nos.	Row House 164 Nos.	9.6
Twin Bungalow- 52 Nos.	Stilt+2	9.6
School:	--	--
School	G+8	29.70

It is noted that, Project has received Environmental clearance vide letter dated 31st May, 2018.

It is noted that the project earlier considered in SEAC-2 112th (Day-1) Meeting held on 17-09-2019 & ToR accorded for the same. Accordingly, PP submitted the EIA, compliance which was taken on record.

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

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 54 of 113	 Shri M.M.Adtani (Chairman SEAC-II)
---	---	---------------------------------	--

DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) PP to ensure that, as proposed project should be net Zero discharge project.
- 2) PP to submit the undertaking regarding construction of STP for local body under CER activity. Also to submit the undertaking regarding installation of Bio-methanation plan & detail note regarding working of it.
- 3) As proposed by PP all STP's are to be kept in series, as in case of failure of any one STP the other STP's could distribute the load and sewage will be treated.
- 4) PP to decide rainwater harvesting sites using geophysical investigation
- 5) PP to enter into tripartite Agreement with forest department for development of plantation work on degraded forest patches of 93 acres.
- 6) PP to upload acknowledgement regarding plan submitted to local planning authority.
- 7) PP to provide electrically operate bus service for the residents.
- 8) PP to provide minimum 25 % of total parking arrangement with electric charging stations by providing charging points at suitable places. Also PP to provide the electric buses for the local transportation to nearby public places like nearby railway station, bus stand, market etc.
- 9) 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.
- 10) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

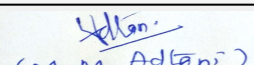
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions


(Narendra Toke)

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

**SEAC Meeting No: 131 Meeting Date: March 5,
2020**

**Page 55
of 113**


(M. M. Adtani)

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

Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

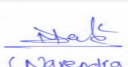
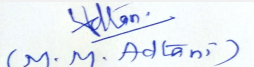
SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for proposed residential cum Commercial project under PMAY Scheme on plot.No.36, Sector 24, Turbhe, Navi Mumbai by Rehab Housing Pvt Ltd.

Is a Violation Case: No

1.Name of Project	Proposed Residential cum Commercial project under PMAY Scheme
2.Type of institution	Private
3.Name of Project Proponent	Rehab Housing Pvt Ltd.
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd; Dr. D. A. Patil
5.Type of project	Housing project under PMAY 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	On plot.No.36, Sector 24, Turbhe, Navi Mumbai
9.Taluka	Thane
10.Village	Turbhe
Correspondence Name:	Rehab Housing Pvt Ltd.
Room Number:	-
Floor:	5th Floor
Building Name:	Gitaneel Arcade, 85
Road/Street Name:	Hill Road
Locality:	Bandra (West)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Navi Mumbai Municipal Corporation (NMMC)
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number: In process
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	No work started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	35,410.280 m2
16.Deductions	-
17.Net Plot area	35,410.280 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 88,167.99 m2
	b) Non FSI area (sq. m.): 1,68,748.47 m2
	c) Total BUA area (sq. m.): 256916.46
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): -
	Approved Non FSI area (sq. m.): -
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	20,503.11 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.90 %
21.Estimated cost of the project	7510200000

22.Number of buildings & its configuration

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 56 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	-------------------	--

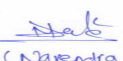
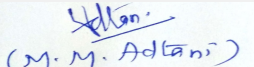
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	MHADA Bldg (Wing A to H)	St + 18th floor	54.99
2	MHADA Bldg (Wing I and J)	St + 19th floor	57.87
3	Sale Bldg (Wing A to H)	B + St + 1st to 3rd Pod + 4th to 23rd Upper floor	69.92

23.Number of tenants and shops	Flats: 2,648 Nos. Shops: 47 Nos.
24.Number of expected residents / users	13,381 Nos.
25.Tenant density per hectare	747/Ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is accessed by 17.60 m wide Janta market Road and 15.00 m and 11.00 m wide DP Road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

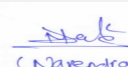
31.Production Details

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

32.Total Water Requirement

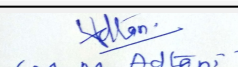
 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 57 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Dry season:	Source of water	NMMC								
	Fresh water (CMD):	1196 KLD								
	Recycled water - Flushing (CMD):	599 KLD								
	Recycled water - Gardening (CMD):	47 KLD								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	1794 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO Norms								
	Fire fighting - Overhead water tank(CMD):	As per CFO Norms								
	Excess treated water	1012 KLD								
Wet season:	Source of water	NMMC + RWH								
	Fresh water (CMD):	1048 KLD + 148 KLD								
	Recycled water - Flushing (CMD):	599 KLD								
	Recycled water - Gardening (CMD):	-								
	Swimming pool make up (Cum):	-								
	Total Water Requirement (CMD) :	1794 KLD								
	Fire fighting - Underground water tank(CMD):	As per CFO Norms								
	Fire fighting - Overhead water tank(CMD):	As per CFO Norms								
	Excess treated water	1059 KLD								
Details of Swimming pool (If any)	NA									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 58
of 113

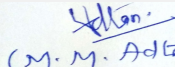

(M. M. Adtani)
Shri M.M.Adtani (Chairman
SEAC-II)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3 - 4 m
	Size and no of RWH tank(s) and Quantity:	4 Nos of RWH Tanks having total Capacity 300 KL
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	Rs. 46 Lakh
	Budgetary allocation (O & M cost) :	Rs. 2.3 Lakh/year
	Details of UGT tanks if any :	Underground
35.Storm water drainage	Natural water drainage pattern:	The slope of the plot is towards west side
	Quantity of storm water:	The storm water generation 2,215.89 m ³ /hr
	Size of SWD:	600 x 600 mm internal SWD drains
Sewage and Waste water	Sewage generation in KLD:	1675 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	3 Nos of STP with 1750 KLD of capacity
	Location & area of the STP:	Ground Floor, Area of STP : 1340 m ²
	Budgetary allocation (Capital cost):	Rs. 340 Lakh
	Budgetary allocation (O & M cost):	Rs. 68 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris: 7400 m ³ , Excavation for foundation and Basement purpose only.
	Disposal of the construction waste debris:	The construction debris waste will be disposed as per Construction debris and demolition waste management Rule 2016
Waste generation in the operation Phase:	Dry waste:	2,660 kg/day
	Wet waste:	3,989 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	17 KLD
	Others if any:	Household E-waste generation will be handed over to authorized recyclers.


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 59
of 113


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

Mode of Disposal of waste:	Dry waste:	Dry garbage will be handed over to authorized recyclers.
	Wet waste:	Wet garbage will be composted using Mechanical Composting unit and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	Household E-waste generation will be handed over to authorized recyclers
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	260 m2
	Area for machinery:	130 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 160 Lakh
	O & M cost:	Rs. 64 Lakh/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

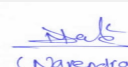
39. Stacks emission Details

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

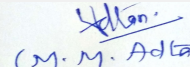
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
--------------------	----------------



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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 60
of 113

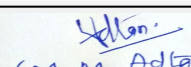

(M. M. Adtani)
Shri M.M.Adtani (Chairman SEAC-II)

42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	RG area required: 5,311.542 m2, RG area provided: 9,392.11m2		
	No of trees to be cut :	-		
	Number of trees to be planted :	445 Nos.		
	List of proposed native trees :	Given below		
	Timeline for completion of plantation :	4-5 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	MANILKARA ZAPOTA	Chiku	45	Medium sized tree, fruity plant
2	LAGERSTROEMIA SPECIOSA	Tamhan	42	Edible, mature fruit as medicinal value, Bird and insect attractive.
3	MIMUSOP ELENGI	Bakul	40	As medicinal value, Bird and insect attractive.
4	PONGAMIA PINNATA	Karanj	38	Valued for its oil and insect repellent, having medicinal value.
5	SARACA INDICA	Sita Ashok	35	As medicinal value, Bird and insect attractive.
6	ANTHOCEPHALUS CADAMBA	Kadamba	37	Shady, large tree, ball shaped flowers.
7	BAUHINIA PURPUREA	Apta	38	Small tree with small white flowers, Butterfly host plant
8	MICHELIA CHAMPACA	Chafa	48	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
9	MILLINGTONIA HORTENSIS	Indian cork tree	35	Evergreen Tree
10	NYCTANTHES ARBOR TRISTIS	Parijat	45	Small deciduous fast growing tree, beautiful flowers.
11	POLYALTHIA LONGIFOLIA	Ashoka Tree	42	Shady tree with red-yellow flowers.
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
47.Energy				


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 61
of 113


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

Power requirement:	Source of power supply :	Adani Electricity
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	500 kVA
	During Operation phase (Connected load):	14.5 MW
	During Operation phase (Demand load):	8.0 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	5 X 400 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NIL

48. Energy saving by non-conventional method:

- Solar Hot water will be provided .
- Solar Street lighting in landscape , Common area passages, Open area etc

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	>20 %

50. Details of pollution control Systems


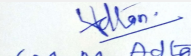
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 160 Lakh
	O & M cost:	Rs.4.0 Lakh/year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	6.0
2	Site sanitation Facility and its maintenance	-	8.0
3	Potable Water Supply to Labour	-	6.0
4	Health Check-up & first aid	-	4.0

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 62 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

5	Solid waste management	-	5.0
6	Tyre Cleaning	-	4.5
7	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	14.0
8	Traffic Management	Sign Boards, Persons, at entry exit and Parking area	4.5
9	Safety nets	-	12.0
10	Safety Training to Workers	(Twice in Year), Safety Officer	4.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	340	68
2	Solar System	Weekly	160	4
3	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	46	2.3
4	Solid Waste Composting plant	Continuous O & M	160	64
5	Landscape	Daily	78	8
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4

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

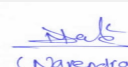
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

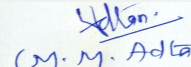
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The project site is accessed by 17.60 m wide Janta market Road and 15.00 m and 11.00 m wide DP Road.
---	--


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 63
of 113


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

Parking details:	Number and area of basement:	1 Nos Basement with total area of 9,711.09 m2
	Number and area of podia:	3 Nos of Podium with the total area of 27,887.63 m2
	Total Parking area:	30,944.85 m2
	Area per car:	28.5 m2
	Area per car:	28.5 m2
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	1800 Nos.
	Public Transport:	-
	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)
	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

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

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 64 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

SEAC-AGENDA-0000000419

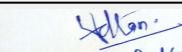
SEAC-AGENDA-00000000419


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

**SEAC Meeting No: 131 Meeting Date: March 5,
2020**

**Page 66
of 113**


(M. M. Adtani)

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

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

PP informed that, the project under consideration is new housing project under PMAY scheme project. PP further stated that, the total plot area of the project is 35,410.280 Sq.mt having total construction area 256916.46 Sq.mt (FSI - 88,167.99 Sq.mt + NON FSI- 1,68,748.47 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
MHADA Bldg (Wing A to H)	St + 18th floor	54.99
MHADA Bldg (Wing I and J)	St + 19th floor	57.87
Sale Bldg (Wing A to H)	B + St + 1st to 3rd Pod + 4th to 23rd Upper floor	69.92

It is noted that the project earlier considered in SEAC-2 126th (DAY 2) Meeting held on 08-01-2020 & deferred with observations namely- 1) to submit & upload the copy of acknowledgement for plan submitted to local planning authority 2) to submit the railway NoC. 3) to submit Noise & vibration impact and mitigation measure to be provided for the same. 4) to submit the hydrology study. 5) to submit Contour and slope analysis in the project and 500 mtr around the project. 6) to superimpose layout plan of project on ESZ map of Sanjay Gandhi National/Tungareshwar to verify the distance of project site from ESZ. 7) to ensure that no plot area falls in CRZ area. 8) to submit the CFO NoC. 9) to submit the sewerage network, water supply, storm water drain NOC from local planning authority. 10) to submit the detail biodiversity chapter in EIA considering the eco-sensitivity of the site. 11) to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect. 12) to ensure that maximum treated water should be recycled. 13) to submit & upload the design & cross section of STPs indicating minimum 40% area open to sky for adequate ventilation. 14) 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. 15) to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above Accordingly, PP submitted the compliance which was taken on record.

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

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

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

SEAC Meeting No: 131 Meeting Date: March 5,
2020

Page 67
of 113

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

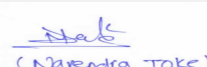
Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for Proposed Residential & Commercial Project at Land bearing S. No. 180, 181/2, 185/1 to 12, 186, 187/B, 188/Pt, 190, 191, 192, 193, 194, 196, 197, 199, 201, 202, 203, 204/1, 2, 3 & 4 205/1, 2, 3, 4, 5, 6 & 7, 206, 207, 208/1, 2, 3, 4 to 8, 209, 210/1, 2, 3, 211/2, 3, 6 & 7/Pt., 212, 213/1, 214/3, 215/Pt.215/Pt., 216/1,2&4,219/2, 220/Pt.221/1&2, 222/3, 223/1, 223/2, 224/1 & 250/Pt., 250/Pt., 251, 254, 255/1 to 4, 257/1, 259/1 260/Pt. & 260/Pt., 261 & 263, Village: Nilemore, Tal:Vasai, Dist.: Thane.

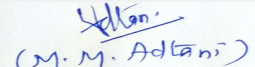
Is a Violation Case: Yes

1.Name of Project	Anil R. Gupta
2.Type of institution	Private
3.Name of Project Proponent	Anil R. Gupta
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	At Land bearing S. No. 180, 181/2, 185/1 to 12, 186, 187/B, 188/Pt, 190, 191, 192, 193, 194, 196, 197, 199, 201, 202, 203, 204/1, 2, 3 & 4 205/1, 2, 3, 4, 5, 6 & 7, 206, 207, 208/1, 2, 3, 4 to 8, 209, 210/1, 2, 3, 211/2, 3, 6 & 7/Pt., 212, 213/1, 214/3, 215/Pt.215/Pt., 216/1,2&4,219/2, 220/Pt.221/1&2, 222/3, 223/1, 223/2, 224/1 & 250/Pt., 250/Pt., 251, 254, 255/1 to 4, 257/1, 259/1 260/Pt. & 260/Pt., 261 & 263, Village: Nilemore, Tal:Vasai, Dist.: Thane., Maharashtra
9.Taluka	Vasai
10.Village	Nilemore
Correspondence Name:	Anil R. Gupta
Room Number:	D-II/ 1 & 2
Floor:	-
Building Name:	Aakansha Commercial Complex
Road/Street Name:	Achole Road
Locality:	Opp. HDFC Bank, Nallasopara (E)
City:	Nallasopara (E), Vasai Virar
11.Whether in Corporation / Municipal / other area	Vasai Virar city Municipal Corporation (VVMC)
12.IOD/IOA/Concession/Plan Approval Number	VVMC/TP/2655/2015-16 dt. 01/12/2015 IOD/IOA/Concession/Plan Approval Number: CIDCO/VVSR/RDP/BP-4142/W/5524 dated 23/09/2009, CIDCO/VVSR/CC/BP-4474&4475/W/5699 dated 22/01/2010, VVMC/TP/RDP/BP-04473/076/2011-12 dated 09/08/2011, VVMC/TP/CC/VP-0310/1681 dated 31/10/2011, VVMC/TP/RDP/VP-125/127/2011-12 dt 31/10/2011, VVMC/TP/CC/VP-0420/134/2011-12 dt. 18/11/2011, VVMC/TP/CC/VP-0301/1681 dt. 28/11/2011, VVMC/TP/RDP/VP-0300/1690/2012-13 dt. 29/11/2011, VVMC/TP/CC/VP-0238/1740 dt. 07/12/2011, VVMC/TP/CC/VP-0239/2035 dt. 06/01/2012, VVMC/TP/CC/VP-0193-0359/308/2012-13 dt. 05/05/2012, VVMC/TP/RDP/VP-111/0302-1/2013-14 dt. 16/12/2013, VVMC/TP/2655/2015-16 dt. 01/12/2015 Approved Built-up Area: 688154.56
13.Note on the initiated work (If applicable)	FSI Area: 277568.71 m2 Construction area: 463274.76 m2 Case is filed against us vide no. 88/2015 before JMFC, Vasai Court for violation of EIA Notification 2006
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Amenities Total area As per order no. VVMC/TP/RDP/VP-111/0302-1/2013-14 Dt- 16/12/2013• Amenity area as per the approved RDP Order No.VVMC/TP/RDP/VP-111/063/2017-18 Dated 14/08/2017 (PS, HS-1 & 2)
15.Total Plot Area (sq. m.)	378746.39 m2
16.Deductions	147406.05 m2
17.Net Plot area	231340.34 m2


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 69
of 113


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

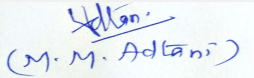
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 402290.21 m2
	b) Non FSI area (sq. m.): 285864.35 m2
	c) Total BUA area (sq. m.): 688154.56
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 402290.21 m2
	Approved Non FSI area (sq. m.): 285864.35
	Date of Approval: 01-12-2015
19.Total ground coverage (m2)	66371.54
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	28.69 %
21.Estimated cost of the project	8990000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Primary School	G + 7F	29.40 m
2	35 WINGS	G + 12 F	38.15 m
3	High School No. 1 & 2	G + 7 (pt)	29.40 m
4	Hospital	B+G + 3F	15.90 m
5	170 Wings	G + 7F	23.90 m
6	75 Wings	G + 9F	29.60 m
7	Market	G + 3F	14.00

23.Number of tenants and shops	Flats: 17610 nos. Shops: 1035 Nos. Hall & office: 148 Nos. Hospital, Primary School and High School & Market buildings
24.Number of expected residents / users	93,789 Nos.
25.Tenant density per hectare	465 Nos./ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	The project site is accessed by 30m wide Virar-Nallasopara Road on the west side
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9 m
29.Existing structure (s) if any	Nil
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 70 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--


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	VVCMC							
	Fresh water (CMD):	8044 KLD							
	Recycled water - Flushing (CMD):	4374 KLD							
	Recycled water - Gardening (CMD):	235 KLD							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	12183 CMD							
	Fire fighting - Underground water tank(CMD):	As per fire NOC							
	Fire fighting - Overhead water tank(CMD):	As per fire NOC							
	Excess treated water	6890							
Wet season:	Source of water	VVCMC							
	Fresh water (CMD):	7192 KLD							
	Recycled water - Flushing (CMD):	4074 KLD							
	Recycled water - Gardening (CMD):	-							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	11987							
	Fire fighting - Underground water tank(CMD):	As per fire NOC							
	Fire fighting - Overhead water tank(CMD):	As per fire NOC							
	Excess treated water	7125							
Details of Swimming pool (If any)	NA								

33.Details of Total water consumed

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

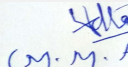
 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 71 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 -3 m
	Size and no of RWH tank(s) and Quantity:	13 RWH Tanks of total capacity 1450 KLD
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Rs. 110 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 6 Lakhs/year
	Details of UGT tanks if any :	Below ground
35.Storm water drainage	Natural water drainage pattern:	Towards South west side
	Quantity of storm water:	16,624 m ³ /hr
	Size of SWD:	1) 450 X 450 mm 2) 450 X 600 mm 3) 600 X 650 mm 4) 750 X 900 mm wide channel
Sewage and Waste water	Sewage generation in KLD:	11379 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	4 STP's with total capacity of 12000 KLD
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs. 1200 Lakhs
	Budgetary allocation (O & M cost):	Rs. 240 Lakhs/y
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris generation: 15252 m ³
	Disposal of the construction waste debris:	The construction debris will be utilized at site for Road Paving and plinth filling
Waste generation in the operation Phase:	Dry waste:	18069 kg/d
	Wet waste:	27104 kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	1470 kg/month
	STP Sludge (Dry sludge):	114 m ³ /day
	Others if any:	-


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 72
of 113


(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):	Handed over to MPCB authorized agency for safe disposal
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	-
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	1350 m2
	Area for machinery:	675 m2
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 120 Lakhs
	O & M cost:	Rs. 50 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
1	Not applicable	Not applicable	Not applicable	Not applicable


41. Source of Fuel	Not applicable
42. Mode of Transportation of fuel to site	Not applicable

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 73 of 113	 Shri M.M. Adtani (Chairman SEAC-II)
---	---	---------------------------------	---

43.Green Belt Development	Total RG area :	47085.07 m2
	No of trees to be cut :	0
	Number of trees to be planted :	3000 Nos.
	List of proposed native trees :	As Mentioned Below
	Timeline for completion of plantation :	2 Years

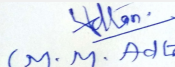
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta Indica	Neem	118 Nos.	Large tree, good for roadside plantation
2	Albizia Lebbeck	Sirish	126 Nos.	Shady tree, yellowish green fragrant flowers
3	Alstonia Scholaris	Saptaparn	105 Nos.	An evergreen Tree
4	Bauhinea Purpurea	Kanchan	78 Nos.	A Pink butterfly tree
5	Erythrina Indica	Pangara	135 Nos.	Medium sized deciduous tree. Bright scarlet flowers.
6	Peltophorum Ferrugineum	Copper Pod Tree	105 Nos.	A Ornamental tree
7	Cassia Fistula	Bahava	93 Nos.	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
8	Lagestromia Speciosa	Flos Reginae	96 Nos.	A flowering Plant
9	Butea Monosperma	Palas, Flame of Forest	105 Nos.	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
10	Pongamia Pinnata	Karanj	87 Nos.	Shady tree.
11	Milligtonia Hortensis	Indian Cork Tree	102 Nos.	An evergreen tree with white flowers
12	Terminilia Coniata	Arjun	90 Nos.	A evergreen avenue tree
13	Brassia Actinophylla	Umbrella Plant	99 Nos.	A large ornamental tree
14	Mimosups Elengii	Bakul	108 Nos.	Shady tree, small white fragrant flowers
15	Plumeria Alba	Chapha	84 Nos.	Medium sized evergreen tree, fragrant white flowers, Butterfly host plant
16	Bambusa Vulgaris	Golden Bamboo Verigated	81 Nos.	-
17	Anthocephallus Cadamba	Kadamb	106	Shady, large tree, ball shaped flowers.
18	Erythrina Indica	Pangara	99	Medium sized deciduous tree. Bright scarlet flowers.
19	Nefium Indicun	Kanher	110	A small flowering plant
20	Cocos Nucifera	Coconut	84	A fruit bearing tree


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 74
of 113


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

21	Lagerstroemia Flos Regineae	Tamhan	123	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
22	Murraya Paniculata	Kunti	90	Small tree, Fragrant white flowers, Butterfly host plant
23	Acacia Catechu	Khair	125	A deciduous, thorny tree
24	Aegle Marmelos	Bel	102	small to medium-sized tree with medicinal and spiritual value
25	Alangium Salvifolium	Ankol	99	A flowering plant
26	Mangifera Indica	Mango	102	An evergreen fruit bearing tree
27	Syzygium Cumini	Jamun	105	A fruit bearing tree
28	Psidium Guajava	Guava	108	A evergreen fruit bearing tree
29	Manilkara Zapota	Chiku	90	A small evergreen fruit bearing tree
30	Annona Reticulata	Custard Apple	45	A fruit bearing tree

45.Total quantity of plants on ground

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

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	1000 W
	DG set as Power back-up during construction phase	500 W
	During Operation phase (Connected load):	-
	During Operation phase (Demand load):	45 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	8250 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	-

48.Energy saving by non-conventional method:

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 75 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

- Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement
- Use of AC and façade system to reduce heat gain and power consumption
- Use of low-e glass to reduce power requirement
- Large central atriums for natural cross-ventilation
- Solar lighting in common areas, garden and road
- Solar hot water for residential buildings
- Solar street lights will be proposed
- Energy efficient lighting fixtures (LED lights) to all buildings

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Saving	20.5%

50.Details of pollution control Systems

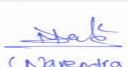

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 1275 Lakhs
	O & M cost:	Rs. 60 Lakhs/y

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression (One water Tanker to spray water)	-	9
2	Site sanitation (Toilets)	-	13
3	Environmental Monitoring	(As per the CPCB guidelines through MoEF Approved laboratories - Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time)	5
4	Portable Water Supply to Labour Camp	-	9
5	Health check-up & first aid	-	7
6	Safety Personal Protective Equipment (Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	-	15
7	Traffic Management (Sign Boards, Persons at entry exit and Parking area)	-	4
8	Safety nets	-	20
9	Tyre cleaning and Vehicle maintenance	-	5

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 76 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

10	Solid Waste Management & Site maintenance activity	-	7
11	Safety - Training to Workers (Twice in Year), Safety Officer	-	8
12	Total Cost	-	102

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M Environment Monitoring: Monthly, STP outlet water quality for pH, BOD, COD, SS, FC, Nitrate, Phosphate and O&G	1200	240
2	Solar System	Quarterly	1275	60
3	Solid waste management	Continuous O & M	540	150
4	Rainwater harvesting	During rainy season (cleaning of SWD, Contour trenches and filtration units before rainy season)	110	6
5	Landscape	Daily	450	50
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	3
7	Total Cost	-	3575	509

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

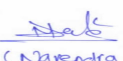
52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	-
---	---

Parking details:	Number and area of basement:	1 basement for hospital bldg.: 5792.54 m2
	Number and area of podia:	-
	Total Parking area:	1,83,345 m2
	Area per car:	25.4 m2
	Area per car:	25.4 m2
	Number of 2-Wheelers as approved by competent authority:	17554 Nos.
	Number of 4-Wheelers as approved by competent authority:	5145 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	Tungareshwar Wildlife sanctuary: 6.8 km
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	Case is filed against us vide no. 88/2015 before JMFC, Vasai Court for violation of EIA Notification 2006
	Other Relevant Informations	NA.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-04-2017
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 78 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Representative of PP was present during the meeting along with Environmental Consultant M/s. Mahabal Enviro Engg. Pvt. Ltd.

PP informed that, the project under consideration is new residential & commercial project with public parking project. PP further stated that, the total plot area of the project is 378746.39 Sq.mt having total construction area 688154.56 Sq.mt (FSI - 402290.21 Sq.mt + NON FSI- 285864.35 Sq.mt)

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

The project earlier considered in 89th & 95th SEAC-2 meeting held on 20-02-2019 & 8/4/2019 and noted that proposal under consideration is of Violation of EIA Notification 2006, as amended and defined in MoEF & CC notification dated 14th March 2017 & 8th March 2018. ToR & additional ToR accorded for remediation plan and natural & community resource augmentation plan

During 96th Meeting It is noted that, PP applied for EC on 21/03/2011. During the appraisal then SEAC2 noted that, 52304.26 sq mtr construction initiated by the PP without prior EC. Then SEAC 2 recommended the proposal to SEIAA as per then procedure, in its 40th meeting held on 17-18/11/2015. Then SEIAA deferred the proposal until the outcome of Criminal Case filed in first class Judicial Magistrate at Vasai on 12/01/2016. It is further noted that, out of proposed 688154.56 sq mtr TBA, as on date, TBA of 463274.76Sq.mt has been completed. So, PP continues the construction without EC even after violation identified. Committee is of the opinion that, the PP wilfully continue the violation. This is very serious environmental issue.

It is noted that, para (4) in Notification dated 14.03.2017 regarding violation stipulates that the cases of violation will be appraised by SEACs with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law. In the project under consideration, violation identified in year 2014 as 52304.26 sq mtr construction initiated by the PP without prior EC and continue with the construction which is till date 463274.76 sq mtr. PP informed during the meeting that the first possession was given on 2/5/2012 & the latest possession given on 17/3/2019

PP further informed that sewer line network is not there to carry the excess treated waste water. Considering this, after deliberation Committee decided to recommend the proposal for rejection of EC & for further necessary legal action in he said matter.

SEIAA considered the said matter in 189th meeting held on 18/2/2020 & refer back to SEAC-2 committee to considered the proposal as per procedure for appraisal laid down in the Notification dated 14.03.2017 is given in sub- paras 4, 5 and 6 of para 13 has to be followed by SEAC-II stating the following observations as follow-

"PP has applied in time on 13.04.2017, as per the Notification dated 14.03.2017. In this fresh application, PP has disclosed total illegal construction done till that date of 4,63,274.76 m2, in the Form-1, 1A submitted under it to EAC-MoEFCC. No further construction has been done thereafter and construction is totally stopped at site and is the same as it was stated in Form-1. The plans are approved by Corporation are for 6,88,154.56m2. The construction done so far is as per approved plans. Para 7 of the MoEF&CC notification dated 14.03.2017 quoting the ruling of the Hon'ble High Court of Jharkhand states that "action for alleged violation would be an independent and separate proceeding and therefore, consideration of proposal for environment clearance could not await initiation of action against the project proponent. The Hon'ble Court further ruled that the proposal for environment clearance must be examined on its merits, independent of any proposed action for alleged violation of the environmental laws". Hence, procedure for appraisal laid down in the Notification dated 14.03.2017 is given in sub- paras 4, 5 and 6 of para 13 has to be followed by SEAC-II. The following actions are decided by SEIAA- 1.The case should be referred back to SEAC-II for appraisal in terms of the sub paras of para 13 of MOEF&CC Notification mentioned above 2. 2.Despite the stop work notice, construction continued till 4,63,274.76 m2. Hence, criminal action under section 15 (1) of the Environment (Protection) Act, 1986 should be initiated by Department for defying the ban on construction as continued violation.

Accordingly, SEAC-2 considered the matter. PP submitted the EIA, which was taken on record. The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record.

Damage assessment report specifying activities contributing to the environmental damage and degradation noted from the report and deliberated in detail during the meeting. Details submitted by PP and accredited consultant as-

COST OF REMEDIATION PLAN AND NATURAL & COMMUNITY RESOURCE AUGMENTATION PLAN

Sr. No.	Description	Details	Amount (Rs.)
A	Assessment of Environment Damage		
1.	Total of recurring cost	Cost arrived from above table per day X number of days in violation	1,56,33,000/-
2.	Non-recurring Cost	Cost as arrived from above table	60,60,000/-
	TOTAL		2,16,93,000/-
B	Economic benefits accrued due to violation		
1.	Economic benefits accrued due to violation	1% of Total project cost including land as declared by PP before SEAC, subject to maximum Rs. 10 Cr.	Rs. 8,99,00,000/-
2.	Track Record of project proponent	Incremental cost of Rs. 10 lakhs for each EC violation by PP or its directors observed at any other projects in last 3 years	Not applicable
C.	Cost of remediation plan and natural & community resource augmentation plan	Sum of A and B above or amount equivalent to the CER amount as per the MOEF&CC's office Memorandum No: F NO 22- 65/2017-IA-III dated 01/05/2018, whichever is higher .	11,15,93,000/-

REMEDIATION COST

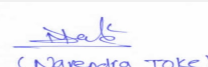
Sr. No	Description of Activity	% allocation	Implementing agency	Remarks
1	Contribution in tree plantation and green area development	25	Social forestry and Local body	The afforestation can be either through social forestry or the local body. Preferably within 50 km from project site
2	Water conservation program (Jalyukt shivar, etc.)	25		Preferably within 50 km radius from project site
3	Urban environment and sanitation (can include swatcha Bharat, playground development, urban ground-water recharge schemes etc.)	20	Local body	
4	Sewerage lines and STP, solid waste management,	20	Local body	
5	Urban air/noise Pollution control initiatives	10	Local body	

It is noted that,

• As per clause 33 of the Approach Paper appended to the Guidelines, the actual cost of remediation may be calculated as under:

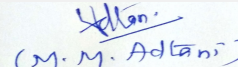
1. As per format given in SEIAA Circular, the Damage Assessment value is arrived at Rs.11,15,93,000/-

2. PP to provide CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 79
of 113


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

DECISION OF SEAC

It is noted that,

• As per clause 33 of the Approach Paper appended to the Guidelines, the actual cost of remediation may be calculated as under:

1. As per format given in SEIAA Circular, the Damage Assessment value is arrived at **Rs.11,15,93,000/-**
2. PP to provide CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA for further needful subject to conditions that-

Specific Conditions by SEAC:

- 1) PP to abide by CFO NoC issued time to time.
- 2) PP to submit the building wise construction proposed in the project.
- 3) PP to ensure that proposed STP should be 40% open to sky for adequate ventilation.
- 4) PP & Planning authority to ensure that, project site does not fall under CRZ area or wetland area.
- 5) The planning authority to ensure that no occupation certificate is given to the Project till surplus discharge from STP of the Project is connected to duly developed and commissioned sewage disposal system of local planning authority. PP to explore the possibility to construct the STP of local body under CER activity.

FINAL RECOMMENDATION

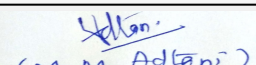
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 80
of 113


(M. M. Adtani)

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

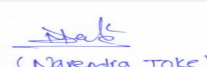
Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for proposed Residential Development by The Tata Power Ltd under S.R. scheme on plot bearing C. T.S No. 225(pt), 226, 226/1 to 26, 227, 227/1 to 17, 228, 228/1 to 11, 229, 229/1 to 64 & 230(pt) of Village Wadhwadi, Tal- Kurla at Chembur (West), Mumbai - 400 074

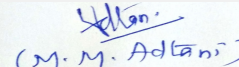
Is a Violation Case: No

1.Name of Project	Residential Development by The Tata Power Ltd under S.R. scheme
2.Type of institution	Private
3.Name of Project Proponent	The Tata Power Company Limited
4.Name of Consultant	NABET Accredited Environmental Consultant : Ecofootforward Environmental Consultancy & Engineers Pvt. Ltd., D/318, Neelkanth Business Park, Ramdev Nagar, Vidyavihar (W), Mumbai-400086 www.ecofootforward.com Tel: 022-25144129, NABET Certificate no: NABET/EIA/1720/IA0028
5.Type of project	Building Construction 8 (b)
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	C. T.S No. 225(pt), 226, 226/1 to 26, 227, 227/1 to 17, 228, 228/1 to 11, 229, 229/1 to 64 & 230(pt) of village Wadhwadi, Chembur (West), Mumbai, Maharashtra
9.Taluka	Kurla
10.Village	Wadhwadi
Correspondence Name:	Mr. Mahiar Mehta
Room Number:	NA
Floor:	2
Building Name:	Tata Power Receiving Station
Road/Street Name:	BKC Road
Locality:	Opp. Asian Heart Hospital, Bandra (E)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 92287.22
13.Note on the initiated work (If applicable)	Existing slums were cleared.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Revised LOI from SRA via. Letter No. SRA/ENG/2035/ME/PL/LOI dtd. 20.01.2020
15.Total Plot Area (sq. m.)	24594.02
16.Deductions	1416.57 sq. m.
17.Net Plot area	23177.45 sq. m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Phase I = 32,220.64 sq. m; Phase II = 87,211.08 sq. m; Total = 1,19,431.72 sq. m, b) Non FSI area (sq. m.): Phase I = 22,401.69 sq. m; Phase II = 88,683.35 sq. m; Total = 1,11,085.04 sq. m; c) Total BUA area (sq. m.): 230516.76
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Phase I = 32220.64 sq. m; Phase II = 60066.58 sq. m; Total = 92287.22 Approved Non FSI area (sq. m.): Phase I: 22,401.69 Date of Approval: 20-01-2020
19.Total ground coverage (m2)	Phase I = 3687.62; Phase II = 11,186.01; Total = 14,873.63


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 81
of 113


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

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	64.17
21. Estimated cost of the project	4970760000

22. Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab 1 -1 No. (Phase I)	G +21	65.15
2	Rehab 2 - 1 No. (Phase I)	G +21	65.15
3	Sale Building - 1 No. (Phase II)	3 No. Basement + Ground/stilt + 1st to 3rd Floor (Podium & Residential) + 33 Upper Floors	116.80

23. Number of tenants and shops	Phase I = 1027 (941 Flats + 86 shops & Amenity units + Community Hall + Religious structures); Phase II = 1103 Flats + Retail + Amenity
24. Number of expected residents / users	Phase I = 4429; Phase II = 7502, Total = 11931
25. Tenant density per hectare	832
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	18.3 m
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29. Existing structure (s) if any	1 No. Hostel Building S + 8 (FSI : 1470.39 sq.m); 1 No. Guest House G+ 2 (FSI : 1115.51 sq.m); 1 No. Swimming pool (50mtr x 23mtr x 2.1mtr) (Free of FSI : 1059.97 sq.m) ;1 No. Pavilion (Free of FSI : 516.80 sq.m)
30. Details of the demolition with disposal (If applicable)	Phase I - No demolition; Phase II - Demolition of existing structures envisaged after planning approval of sale development

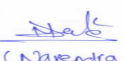
31. Production Details

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

32. Total Water Requirement

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 82 of 113	 Shri M.M. Adtani (Chairman SEAC-II)
--	---	-------------------	--

Dry season:	Source of water	Municipal Corporation of Greater Mumbai (MCGM)							
	Fresh water (CMD):	Phase I = 345; Phase II = 529 ; Total = 874;							
	Recycled water - Flushing (CMD):	Phase I = 180; Phase II = 272; Total = 452;							
	Recycled water - Gardening (CMD):	Phase I = 5; Phase II = 13; Total = 18;							
	Swimming pool make up (Cum):	Phase I = NA; Phase II = 11.5;							
	Total Water Requirement (CMD) :	Phase I = 530; Phase II = 825.5; Total = 1355.5							
	Fire fighting - Underground water tank(CMD):	Phase I = 400; Phase II = 600;							
	Fire fighting - Overhead water tank(CMD):	Phase I = 160; Phase II = 360;							
	Excess treated water	Phase I = 212; Phase II = 330; Total = 542							
Wet season:	Source of water	Municipal Corporation of Greater Mumbai (MCGM)							
	Fresh water (CMD):	Phase I = 345; Phase II = 529 ; Total = 874;							
	Recycled water - Flushing (CMD):	Phase I = 180; Phase II = 272; Total = 452;							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	Phase I = NA; Phase II = 11.5;							
	Total Water Requirement (CMD) :	Phase I = 525; Phase II = 812.5 ; Total = 1337.5							
	Fire fighting - Underground water tank(CMD):	Phase I = 400; Phase II = 600;							
	Fire fighting - Overhead water tank(CMD):	Phase I = 160; Phase II = 360;							
	Excess treated water	Phase I = 217; Phase II = 343; Total = 560;							
Details of Swimming pool (If any)	Phase I - NA; Phase II -1 No. Swimming pool (23.85 m. * 11.00 m. * 1.35 m.)								
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	NA	1337.5	1337.5	NA	219.5	219.5	NA	1118	1118
Gardening	NA	18	18	NA	18	18	NA	0	0

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 83 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	2 meter below ground
	Size and no of RWH tank(s) and Quantity:	Phase I: 1No. * 200 CMD; Phase II: 1No. * 250 CMD
	Location of the RWH tank(s):	Phase I: Ground Floor; Phase II: Below Ground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Phase I - 7.00 lakh
	Budgetary allocation (O & M cost) :	Phase I - 0.70 lakh
Details of UGT tanks if any :	Phase I : Domestic water tanks : 360 CMD Fire Fighting tanks : 400 CMD Rainwater harvesting tank : 200 CMD Phase II: Domestic water tanks : 800 CMD Fire Fighting tanks : 600 CMD Rainwater harvesting tank : 250 CMD	
35.Storm water drainage		
35.Storm water drainage	Natural water drainage pattern:	South East to North West
	Quantity of storm water:	0.391 cum/s
	Size of SWD:	300 mm wide, Slope 1:200
Sewage and Waste water		
Sewage and Waste water	Sewage generation in KLD:	Phase I = 470.00; Phase II = 718.00;
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	Phase I = 470.00 CMD; Phase II = 800.00 CMD
	Location & area of the STP:	Phase I: Ground Floor of proposed Rehab building 1 & Area: 490 sq. m.; Phase II: Basement 1 & Area : 800 sq. m.
	Budgetary allocation (Capital cost):	Phase I - 50.00 lakh
	Budgetary allocation (O & M cost):	Phase I - 5.00 lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Phase I - 300 cum; Phase II - 1250 cum
	Disposal of the construction waste debris:	Disposed through authorized service provider
Waste generation in the operation Phase:	Dry waste:	Phase I = 945 kg/day; Phase II =2008 kg/day; Total =2953 kg/day;
	Wet waste:	Phase I = 743 kg/day; Phase II =1338 kg/day; Total =2081 kg/day;
	Hazardous waste:	As per generation
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Phase I = 35 kg/day; Phase II =60 kg/day;
	Others if any:	E-waste (Phase I = 9.45 kg/day; Phase II =20.08 kg/day; Total = 29.53 kg/day);
(Secretary SEAC-II) 2020 07/115 SEAC-II)		

Mode of Disposal of waste:	Dry waste:	Through Authorized MPCB recycler
	Wet waste:	Organic Waste Converter (OWC)
	Hazardous waste:	Through MPCB Authorized collection agency
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure in landscaping
	Others if any:	E-waste disposed through MPCB authorized collection agency
Area requirement:	Location(s):	Phase I = Ground
	Area for the storage of waste & other material:	Phase I = 32.5 sq. m; Phase II = 200 sq. m;
	Area for machinery:	Phase I = 4No. (2 m × 1.5 m × 1.5 m)
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Phase I - 30.00 lakh
	O & M cost:	Phase I - 3.00 lakh

37. Effluent Characteristics

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


38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	DG Waste oil (Phase I)	Schedule IV, Item No. 20	Litres/ 500 hr	Not applicable	50 liters	50 liters	Used Oil will be handled by authorized service provider
2	DG Waste oil (Phase II)	Schedule IV, Item No. 20	Litres/ 500 hr	Not applicable	130 liters	130 liters	Used Oil will be handled by authorized service provider

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	1 No. * 500 kVA (Phase I)	HSD - 107.5 lit/ hr	1	10	0.2	500 ± 50 °C
2	1 No. * 500 kVA (Phase II)	HSD - 153.3 lit/ hr	1	30	0.35	500 ± 50 °C

40. Details of Fuel to be used

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 85 of 113	 (M. M. Adtani) Shri M.M. Adtani (Chairman SEAC-II)
--	---	---------------------------------	---

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD (Phase I)	Not applicable	107.5 lit/ hr	107.5 lit/ hr
2	HSD (Phase II)	Not applicable	199 lit/ hr	199 lit/ hr
41.Source of Fuel		Local supplier		
42.Mode of Transportation of fuel to site		Local supplier		

43.Green Belt Development	Total RG area :	Phase I = 788.00 sq. m; Phase II = 2139.20 sq. m.; Total = 2927.20 sq. m.;
	No of trees to be cut :	Phase I = 3; Phase II =NA
	Number of trees to be planted :	Phase I= 151, Phase II = 148;
	List of proposed native trees :	Phase I= 151, Phase II = 148;
	Timeline for completion of plantation :	8 months during project development stage (For Phase I)

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	BAHUMIA PURPUREA	Kanchan	21	Beautiful pink-violet flowers. Native ornamental tree.
2	AZARDIRACHTA INDICA	Neem	20	Medicinal tree. Native, fast growing tree. Religiously important tree.
3	CASSIA FISTULA	Bahava	18	Popularly known as 'Golden shower' tree for its beautiful yellow hanging flowers. Native ornamental tree. Pods are medicinal.
4	TECTONA GRANDIS	Teak	20	Native tree with well-known for its timber value. Fast growing. Beautiful small white flowers.
5	SARACA INDICA	Sita Ashok	18	Native medicinal tree. Ornamental tree with attractive red-yellow flowers, good foliage.
6	MICHELIA CHAMPACA	Sonchafa	15	Yellow fragrant flowers. Fast growing native ornamental tree.
7	ALBIGIA LEBEK	Shirish	20	Native tree good for shade. Fragrant yellow flowers. Good for roadside plantation.
8	MIMIPUS ELENGI	Bakul	19	Medium sized evergreen tree. Gives thick shade and fragrant 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

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 86 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Power requirement:	Source of power supply :	The Tata Power Company Ltd.
	During Construction Phase: (Demand Load)	50 KW
	DG set as Power back-up during construction phase	1 No. * 200 KVA, 1 No. * 62.5 KVA, 1 No.* 40 KVA
	During Operation phase (Connected load):	Phase I = 3238 KW; Phase II = 20243 KW;
	During Operation phase (Demand load):	Phase I = 2027 KW; Phase II = 5163 KW;
	Transformer:	Phase I = 3 No. × 800 KVA; Phase II = 6 No. × 1000 KVA
	DG set as Power back-up during operation phase:	Phase I = 1 x 500 KVA; Phase II = 1 x 1010 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Energy Saving achieved:

1. Internal Lighting due to LED attachment & fixtures: 263 kW
2. Common Area Lighting due to LED attachment & fixtures: 88 kW
3. External/Landscape Lighting due to LED lamp & timer-based control: 43 kW
4. Parking (Basement + Stilt) Area Lighting due to LED tubes: 44 kW
5. Plumbing, Fire, Equipment & Ventilation installed with premium efficiency: 57 kW
6. Lifts & Escalators installed with VVVF drive: 17 kW
7. Solar PV system: 135 KW

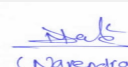
Total Percentage Saving: 20.14 % (Phase I)

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Internal Lighting (Phase I)	10.38
2	Common Area Lighting (Phase I)	3.47
3	External / Landscape Area Lighting (Phase I)	1.69
4	Parking (Basement + Stilt) Area Lighting (Phase I)	1.70
5	Plumbing, Fire, Equipment & Ventilation (Phase I)	2.25
6	Lifts & Escalators (Phase I)	0.67
7	Solar PV system (Phase I)	6.67

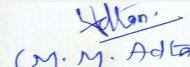
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Domestic Waste Water Discharge	Not available	1No * STP - 470 CMD capacity (Phase I)
Domestic Solid Biodegradable Waste	Not available	4 No * OWC - 50 kg/batch capacity (Phase I)


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 87
of 113


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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Phase I - 104.50 lakh
	O & M cost:	Phase I -1.40 lakh

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

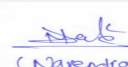
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Mobile toilets No. 40 of units	Domestic sewage management	25.00
2	Solid waste	Domestic & construction waste management	10.00
3	Construction Work	Air (Fugitive emissions) and Noise Pollution (Acoustic screens) control	1.00
4	Environment monitoring	Ambient Air, Noise & Water Quality	1.00
5	Contingencies	PPE, fire safety equipment	3.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant (Phase I)	Civil and Equipment Cost along with Operation and Maintenance Cost	50.00	5.00
2	Rain water harvesting tank (Phase I)	Incremental runoff utilization	7.00	0.70
3	Environmental Monitoring (Phase I)	Ambient Air & stack, Water, Noise, Soil Quality monitoring	NA	14.25
4	Energy saving System (Phase I)	Roof insulation, Solar PV system (135 KW)	104.50	1.40
5	Gardening (Phase I)	Green Belt Development	6.00	0.60
6	Solid Waste (Phase I)	Solid Waste Management	30.00	3.00
7	Disaster Management (Phase I)	Emergency response, contingency & utility support	371.00	37.10

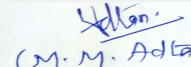
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 88
of 113


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

52.Any Other Information

No Information Available

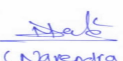
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	Phase I = NA; Phase II = 3 No. Basement & Area = 7580.45 sq. m.;
	Number and area of podia:	Phase I = NA; Phase II = 3 No. Podium & Area = 2242.75 sq. m.;
	Total Parking area:	Phase I = 1767.90 sq. m.; Phase II = 11,078.60 sq. m.
	Area per car:	13.75 sq. m & 10.35 sq. m
	Area per car:	13.75 sq. m & 10.35 sq. m
	Number of 2-Wheelers as approved by competent authority:	Phase I = 35; Phase II = NA;
	Number of 4-Wheelers as approved by competent authority:	Phase I = 138; Phase II = 1315;
	Public Transport:	NA
	Width of all Internal roads (m):	6.0 - 7.5 m (Phase I); 9.0 m (Phase II)
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	6.70 km from "Thane Creek"
	Category as per schedule of EIA Notification sheet	8 (b)
	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

Summarised in brief information of Project as below.

Brief information of the project by SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 89 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Representative of PP was present during the meeting along with environmental consultant. M/s. Eco Foot Forward Environment Consultancy & Engineers Pvt. Ltd.

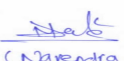
PP informed that, the project under consideration new building construction 8 (b) project. PP further stated that, the total plot area of the project is 24594.02 Sq.mt having total construction area 230516.76 Sq.mt (FSI - 1,19,431.72 Sq.mt + NON FSI- 1,11,085.04 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Rehab 1 -1 No. (Phase I)	G +21	65.15
Rehab 2 - 1 No. (Phase I)	G +21	65.15
Sale Building - 1 No. (Phase II)	3 No. Basement + Ground/stilt + 1st to 3rd Floor (Podium & Residential) + 33 Upper Floors	116.80

It is noted that the project earlier considered in SEAC-2 126th (Day-2) Meeting held on 08-01-2020 & deferred with observations namely- 1) Committee noted that, PP has not submitted the application as per total potential of the plot, only part of construction is proposed. PP to resubmit the application & plan with respect to total plot area. Accordingly, PP submitted the compliance which was taken on record.

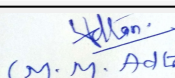
The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of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

DECISION OF SEAC


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 90
of 113


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

After discussion, Committee approved the ToR with following observations & additions, which is valid upto 21/11/2022. EIA will be apprised as & when submitted. Meanwhile PP should comply following points.

Specific Conditions by SEAC:

- 1) PP to submit the air quality modelling report for project area & with respect to this PP to provide mitigation measures for the same.
- 2) PP to superimpose layout plan of the project on latest approved CZMP to verify the distance of project site from CRZ area effect.
- 3) PP to verify that project location is not falls in wetland as per wet land atlas.
- 4) PP to upload acknowledgement regarding plan submitted to local planning authority.
- 5) PP to submit the CFO NoC.
- 6) PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority.
- 7) PP to submit the detail biodiversity chapter in EIA considering the eco-sensitivity of the site.
- 8) PP to submit the DP remarks.
- 9) PP to ensure ECBC norms are complied.
- 10) PP to submit Contour and slope analysis super imposed with storm water drain, sewer line map in the project and 500 mtr around the project.
- 11) PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.
- 12) PP to ensure that maximum treated water should be recycled.
- 13) PP to submit project specific DMP.
- 14) PP to ensure that RG required is as per the norms and should be on Mother Earth.
- 15) PP to submit & upload the design & cross section of STPs indicating minimum 40% area open to sky for adequate ventilation.
- 16) PP to verify the distance of project site from Flamingo Sanctuary, PP to submit & upload the same.
- 17) PP 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.
- 18) PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above

FINAL RECOMMENDATION

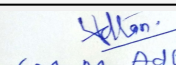
The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

**SEAC Meeting No: 131 Meeting Date: March 5,
2020**

Page 91
of 113


(M. M. Adtani)

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

Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

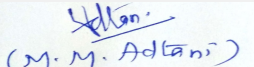
SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for Proposed Residential Towers at Dahisar

Is a Violation Case: No

1.Name of Project	Residential project Aniline Dahisar
2.Type of institution	Private
3.Name of Project Proponent	Aniline Constructions Company Pvt. Ltd.
4.Name of Consultant	Pollution & Ecology Control Services
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing CTS No. 3113 D of village Dahisar, Off. Western Express Highway, Dahisar East
9.Taluka	Mumbai
10.Village	Dahisar
Correspondence Name:	Mr. Ashish Girdharilal
Room Number:	-
Floor:	-
Building Name:	DB House, Yashodham
Road/Street Name:	General A.K.Vaidya Marg
Locality:	Goregaon East
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	Concession document
	IOD/IOA/Concession/Plan Approval Number: ICHE/A-4042/BP (WS)/AR/337/4 Amended dated 12.02.2020
	Approved Built-up Area: 42756.32
13.Note on the initiated work (If applicable)	Site work not initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	ICHE/A-4042/BP (WS)/AR/337/4 Amended dated 12.02.2020
15.Total Plot Area (sq. m.)	12648.80
16.Deductions	3058.32
17.Net Plot area	9590.48
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 42756.32
	b) Non FSI area (sq. m.): 46862.96
	c) Total BUA area (sq. m.): 89619.28
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 42756.32
	Approved Non FSI area (sq. m.): 46862.96
	Date of Approval: 12-02-2020
19.Total ground coverage (m2)	2529.76
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26.38%
21.Estimated cost of the project	1786463470

22.Number of buildings & its configuration

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 92 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	-------------------	--

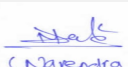
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Tower A	2B+Grd+2 Pod+3rd Part Pod+4th to 37th Floors	116.90 mt upto terrace slab	
2	Tower B	2B+Grd+2 Pod+3rd Part Pod+4th to 37th Floors	116.90 mt upto terrace slab	
3	Tower C	2B+Grd+2 Pod+3rd Part Pod+4th to 36th Floors	113.85 mt upto terrace slab	
4	Tower D	2B+Grd+1st to 36th Floors	113.85 mt upto terrace slab	
23.Number of tenants and shops	810 Flats			
24.Number of expected residents / users	3722 Residential tenants			
25.Tenant density per hectare	606			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	60 mt wide NH-8 Highway			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 - 9 m			
29.Existing structure (s) if any	NO			
30.Details of the demolition with disposal (If applicable)	Not Applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 93 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	---------------------------------	--

Dry season:	Source of water	MCGM
	Fresh water (CMD):	335
	Recycled water - Flushing (CMD):	167
	Recycled water - Gardening (CMD):	20
	Swimming pool make up (Cum):	10
	Total Water Requirement (CMD) :	532
	Fire fighting - Underground water tank(CMD):	300
	Fire fighting - Overhead water tank(CMD):	200
	Excess treated water	260
Wet season:	Source of water	MCGM
	Fresh water (CMD):	335
	Recycled water - Flushing (CMD):	167
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	10
	Total Water Requirement (CMD) :	512
	Fire fighting - Underground water tank(CMD):	300
	Fire fighting - Overhead water tank(CMD):	200
	Excess treated water	280
Details of Swimming pool (If any)	10	

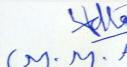
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	335	335	335	50.2	50.2	50.2	284.73	284.73	284.73


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 94
of 113


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

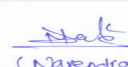
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5-6m
	Size and no of RWH tank(s) and Quantity:	40 m3 RWH tank and 38 m3 RWH tanks in Basement 2
	Location of the RWH tank(s):	Basement 2
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation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

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

Sewage and Waste water	Sewage generation in KLD:	452
	STP technology:	MBBR
	Capacity of STP (CMD):	500 m3/day of one STP
	Location & area of the STP:	Basement 1 and Grd Floor
	Budgetary allocation (Capital cost):	49 Lakhs
	Budgetary allocation (O & M cost):	12 Lakhs

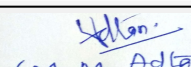
36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	90 kg/day
	Disposal of the construction waste debris:	scrap material will be disposed to Authorized Vendors
Waste generation in the operation Phase:	Dry waste:	1004.9 kg/day
	Wet waste:	1228.26 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	4.3 m3
	Others if any:	Not Applicable


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 95
of 113


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

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

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

40. Details of Fuel to be used

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

41. Source of Fuel	Not applicable
42. Mode of Transportation of fuel to site	Not applicable

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 96 of 113	 Shri M.M.Adtani (Chairman SEAC-II)
---	---	---------------------------------	--

43.Green Belt Development	Total RG area :	2791.67 m2 on ground floor
	No of trees to be cut :	5
	Number of trees to be planted :	123
	List of proposed native trees :	Satwin,Copper Pod tree, Kanchan, Bakul, Champa
	Timeline for completion of plantation :	Not Applicable

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

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


45.Total quantity of plants on ground

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

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

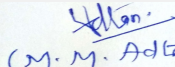
47.Energy

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


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 97
of 113


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

48. Energy saving by non-conventional method:

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

49. Detail calculations & % of saving:

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

50. Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	60 Lakhs
	O & M cost:	5 Lakhs

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust Suppression measures & barricading	Erosion Control	4
2	Supply of Personal Protective Equipments	Site Safety	3
3	Facility of Bio-toilets, basins	Site Sanitation	2
4	Health checkup on regular intervals	Disinfection & health checkup	3
5	Air, Water, Soil, Noise Monitoring	Environmental Monitoring	2
6	Disaster Management Plan	Disaster Management Plan for Construction Phase	19.45

b) Operation Phase (with Break-up):

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

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 98 of 113	 (M. M. Adtani) Shri M.M. Adtani (Chairman SEAC-II)
--	---	---------------------------------	---

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

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

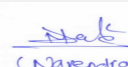
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

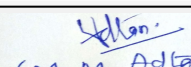
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NH 8 highway
Parking details:	Number and area of basement:	Basement 1:6892.94 m ² , Basement 2: 6892.94 m ²
	Number and area of podia:	Ground: 1837.98 m ² ; Podium 1: 1618.52 m ² , Podium 2: 1618.52 m ²
	Total Parking area:	18860
	Area per car:	Podium: 30 m ² ; Basement : 35 m ²
	Area per car:	Podium: 30 m ² ; Basement : 35 m ²
	Number of 2-Wheelers as approved by competent authority:	88
	Number of 4-Wheelers as approved by competent authority:	571
	Public Transport:	Dahisar Bus Stop
	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	Not Applicable
	Category as per schedule of EIA Notification sheet	Category 8 (a) B2


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 99
of 113


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

	Court cases pending if any	Not Applicable
	Other Relevant Informations	NA
	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

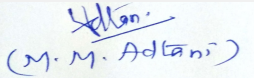
Representative of PP was present during the meeting along with environmental consultant. M/s. Pollution & Ecology Control Services.

PP informed that, the total plot area of the project is 12648.80 Sq.mt having total construction area 89,619.28Sq.mt (FSI - 42,973.47 Sq.mt + NON FSI- 46,645.81Sq.mt)

It is noted that the project earlier considered in SEAC-2 91st Meeting held on 06-03-2019 & deferred as EC for the present project on plot area coming under MCGM limits cannot be considered in isolation and will have to be discussed along with the amendment proposal submitted by M/S Neelkamal Relators SEIA STATEMENT-0000002833. Therefore, the amendment proposal of M/S Neelkamal Relators be also taken up simultaneously. Accordingly, PP submitted the compliance which was taken on record.

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

DECISION OF SEAC

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 100 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	----------------------------------	--

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

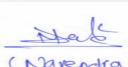
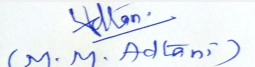
Specific Conditions by SEAC:

- 1) This EC will be issue after revising the EC of UID 2833, As the plot area of present project is deleted from another project.
- 2) PP to obtain the HRC NoC, if required.
- 3) PP to ensure that 40% area of STP tanks should be open to sky for adequate ventilation
- 4) PP to increase the solar energy saving to 5%.
- 5) PP to ensure that BOD of Treated Sewage shall be less than 5mg/L.
- 6) PP to submit the copy of MoU/Agreement regarding grant of right of way to adjoining Mira bhyander project which was part of present project earlier.
- 7) 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.
- 8) PP to ensure that CER should be as per green field project prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

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

SEAC-AGENDA-0000000419

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 101 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	----------------------------------	--

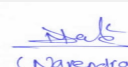
Agenda of 131th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 131 Meeting Date March 5, 2020

Subject: Environment Clearance for REVALIDATION & AMENDMENT IN EXISTING EC OF DB OZONE (ORCHID OZONE) RESIDENTIAL & MMRDA RENTAL HOUSING PROJECT AT VILLAGE MIRA, TALUKA & DISTRICT: THANE

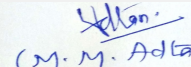
Is a Violation Case: No

1.Name of Project	ORCHID OZONE
2.Type of institution	Private
3.Name of Project Proponent	M/s. Neelkamal Realtors Suburban Pvt. Ltd.
4.Name of Consultant	Pollution & Ecology Control Services
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	REVALIDATION & AMENDMENT IN EXISTING EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes vide EC No. SEAC 2010/CR 383/ TC-2 dated 13.07.2011
8.Location of the project	CTS No. 4509 to 4513, 4517, 4547, 4548, 4572 to 4575, 4604, 4609, 4610, 4611, 4652, 4691, 4692, 4702, 4710 to 4721, 4724 to 4732, S.No. 95/10 to 12, 97/3(Pt), 97/5 (Pt), CTS No. 4638, 4639, 4647, 4686 to 4690, 4704 to 4709, 4722, S.No. 94/1, 94/2, 96/1, 96/4, 260(Pt), CTS No. 4362, 4455, 4456, 4363, 4454, 4514, 4515, 4516, 4518, 4519, 4520, 4549, 4100(Pt) of Village Mira, Taluka & District- Thane
9.Taluka	Thane
10.Village	Mira
Correspondence Name:	Mr. Rajiv Agarwal
Room Number:	-
Floor:	-
Building Name:	DB House
Road/Street Name:	Gen. A.K. Vaidya Marg
Locality:	Goregaon (East)
City:	Mumbai 400063
11.Whether in Corporation / Municipal / other area	Mira Bhayander Municipal Corporation (MBMC)
12.IOD/IOA/Concession/Plan Approval Number	CC IOD/IOA/Concession/Plan Approval Number: CC : MBMC/MNP/TP/3565/2010-11 dated 31.12.2010 Approved Built-up Area: 212197.39
13.Note on the initiated work (If applicable)	RCC work for 26 sale buildings and 8 Rental housing buildings have been completed and finishing activities on both the components is under progress on the site on the land which is in MBMC as per EC dated 28 June 2011 amended on 13 July 2011
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CC : MBMC/MNP/TP/3565/2010-11 dated 31.12.2010
15.Total Plot Area (sq. m.)	50202.63
16.Deductions	0
17.Net Plot area	50202.63
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 212196.65 b) Non FSI area (sq. m.): 152217.64 c) Total BUA area (sq. m.): 364414.29
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 212196.65 Approved Non FSI area (sq. m.): 152217.64 Date of Approval: 31-12-2010
19.Total ground coverage (m2)	16722.62


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 102
of 113



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

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	33.31%
21. Estimated cost of the project	4870000000

22. Number of buildings & its configuration

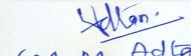
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sale A (10)	2 Basements+ Ground floor + Podium Stilt+ 19 floors	63.45
2	Sale A1 (1)	2 Basements + Ground floor + Podium Stilt+ 21 Floors	69.25
3	Sale B1 (2)	2 Basements + Ground floor + Podium Stilt + 21 Floors	69.25
4	Sale B2 (1)	2 Basements + Ground floor + Podium Stilt + 21 Floors	69.25
5	Sale C (2)	2 Basements + Ground floor + Podium Stilt+ 20 Floor	66.35
6	Sale D (2)	2 Basements + Ground floor + Podium Stilt+ 20 Floor	66.35
7	Sale E (2)	2 Basements + Ground floor + Podium Stilt + 21 Floors	69.25
8	Sale F (1)	2 Basements + Ground floor + Podium Stilt + 21 Floors	69.25
9	Sale G (2)	2 Basements+ Ground floor + Podium Stilt+ 19 floors	63.45
10	Sale H (1)	2 Basements + Ground floor + Podium Stilt+ 21 Floor	69.25
11	Sale N (1)	2 Basements + Ground floor + Podium Stilt+ 20 Floor	66.35
12	Hotel Building	2 Basements + Ground Floor + Podium Stilt + 12 Floor	47.05
13	Clubhouse	Podium Stilt + 2 floors	13.35
14	Rental- R1	Ground floor + 18 Floors	55.10
15	Rental- R2	Ground floor + 17 Floors	52.20
16	Rental- R3	Ground floor + 18 Floors	55.10
17	Rental- R4	Ground floor + 17 Floors	52.20
18	Rental- R5	Ground floor + 17 Floors	52.20
19	Rental- R6	Ground floor + 17 Floors	52.20
20	Rental- R7	Ground floor + 18 Floors	55.10
21	Rental- R8	Ground floor + 18 Floors	55.10

23. Number of tenants and shops	Sale : 3396 Dwelling Units, Ground floor Shopping, Clubhouse Rental Housing : 2905 Resi.+ 81 Shop + 16 Balwadi +14 Welfare Centre + 05 Society Office+ 19 Meter Room + 04 Toilet
24. Number of expected residents / users	Rental: 11966, Sale: 16113
25. Tenant density per hectare	1276
26. Height of the building(s)	


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 103
of 113


(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))	60m Western Express Highway
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 18m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	The existing structures on site has been demolished and the Demolition waste has been disposed of as per the

31.Production Details

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

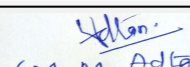
32.Total Water Requirement

Dry season:	Source of water	MBMC/MMRDA
	Fresh water (CMD):	2447
	Recycled water - Flushing (CMD):	1245
	Recycled water - Gardening (CMD):	28
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	3719
	Fire fighting - Underground water tank(CMD):	Fire tank 1: 356.58 m3/day Fire tank 2: 371.315 m3/day, Bldg 1, 2, 3 & 4: 60.09,60.09,60.67,62.16 m3/day, Bldg 7, 8, 9 & 10: 78.19,77.04,77.04,79.57 m3/day, Bldg 5&6: 60.50,60.60 m3/day, Bldg 14,15,16,17,18: 63.69,62.44,61.94,60.86,63.64 m3/day, Bldg 20,21,22,23,24: 62.4,59.56,59.56,59.88,62.88 m3/day, Bldg 11 &12: 60.93,60.81 m3/day, Bldg 27,28,29 & 30:71.52,71.25,71.18,72.21 m3/day
	Fire fighting - Overhead water tank(CMD):	-
	Excess treated water	2019


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

**SEAC Meeting No: 131 Meeting Date: March 5,
2020**

**Page 104
of 113**


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

Wet season:	Source of water	MBMC/MMRDA							
	Fresh water (CMD):	2447							
	Recycled water - Flushing (CMD):	1245							
	Recycled water - Gardening (CMD):	-							
	Swimming pool make up (Cum):	-							
	Total Water Requirement (CMD) :	3692							
	Fire fighting - Underground water tank(CMD):	Fire tank 1: 356.58 m3/day Fire tank 2: 371.315 m3/day, Bldg 1, 2, 3 & 4: 60.09,60.09,60.67,62.16 m3/day, Bldg 7, 8, 9 & 10: 78.19,77.04,77.04,79.57 m3/day, Bldg 5&6: 60.50,60.60 m3/day, Bldg 14,15,16,17,18: 63.69,62.44,61.94,60.86,63.64 m3/day, Bldg 20,21,22,23,24: 62.4,59.56,59.56,59.88,62.88 m3/day, Bldg 11 &12: 60.93,60.81 m3/day, Bldg 27,28,29 & 30:71.52,71.25,71.18,72.21 m3/day							
	Fire fighting - Overhead water tank(CMD):	-							
Excess treated water	2019								
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	2447	2447	0	367.1	367.1	0	2080	2080

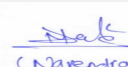
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5-6m
	Size and no of RWH tank(s) and Quantity:	4 Nos. [Rental: 2 x 100 m3/day, Sale: 2 x 225 m3/day]
	Location of the RWH tank(s):	Ground/Basement
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	60 Lakhs
	Budgetary allocation (O & M cost) :	5 Lakhs
	Details of UGT tanks if any :	SALE: Bldg 1, 2, 3 & 4: 60.09,60.09,60.67,62.16 m3/day, Bldg 7, 8, 9 & 10: 78.19,77.04,77.04,79.57 m3/day, Bldg 5&6: 60.50,60.60 m3/day, Bldg 14,15,16,17,18: 63.69,62.44,61.94,60.86,63.64 m3/day, Bldg 20,21,22,23,24: 62.4,59.56,59.56,59.88,62.88 m3/day, Bldg 11 &12: 60.93,60.81 m3/day, Bldg 27,28,29 & 30:71.52,71.25,71.18,72.21 m3/day Domestic tank: 161.52, 139.41,101.28,182.08,151.53,56.47,156.09 m3/day, Flushing tank: 70.72,86.68,39.45,113.76,69,31.89,88 m3/day, RWH tanks: 2 x 225 m3/day RENTAL: Fire tank 1: 356.58 m3/day Fire tank 2: 371.315 m3/day, Domestic tank: A:102.05 m3/day ,A1: 100.05 m3/day,B:97.4 m3/day,C:99.093 m3/day,D:144.46 m3/day, D1: 147.5 m3/day, E: 160 m3/day,F:138.5 m3/day Flushing tank:80.1,85.85,80.39,83.6,89.18,88.75,105.40,81.12 m3/day , RWH tanks:2 x 100 m3/day

35.Storm water drainage	Natural water drainage pattern:	The storm water collected through storm water drains of adequate capacity will be discharged into municipal SWD
	Quantity of storm water:	5289 m3/hr
	Size of SWD:	800 mm wide with slope of 1:300

Sewage and Waste water	Sewage generation in KLD:	3324 KLD [Rental: 1425 KLD, Sale: 1899 KLD]
	STP technology:	MBBR
	Capacity of STP (CMD):	3750 m3/day [1250 m3/day x 3]
	Location & area of the STP:	Basement (Area of STP: 1851 m2)
	Budgetary allocation (Capital cost):	500 Lakhs
	Budgetary allocation (O & M cost):	60 Lakhs

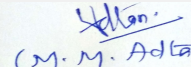
36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	90 kg/day
	Disposal of the construction waste debris:	scrap material will be disposed to Authorized Vendor


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 106
of 113


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

Waste generation in the operation Phase:	Dry waste:	4961.58 kg/day
	Wet waste:	8958.23 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	33.24 kg/day
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated and disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Organic Waste converter and InVessel Composter and used as Organic manure for landscaping
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	35 m ²
	Area for machinery:	35 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	82 Lakhs
	O & M cost:	12 Lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

39. Stacks emission Details

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

1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Details of Fuel to be used						
Serial Number	Type of Fuel	Existing	Proposed	Total		
1	Not applicable	Not applicable	Not applicable	Not applicable		
41.Source of Fuel		Not applicable				
42.Mode of Transportation of fuel to site		Not applicable				
43.Green Belt Development	Total RG area :	Total RG area: 5493 m2 (RG on Ground: 2780 m2, RG on Podium: 2713 m2)				
	No of trees to be cut :	NIL				
	Number of trees to be planted :	295				
	List of proposed native trees :	05				
	Timeline for completion of plantation :	Not Applicable				
44.Number and list of trees species to be planted in the ground						
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance		
1	Michelia champaca	Champa	61	Evergreen and bird attracting tree		
2	Atstonia Scholaris	Satwin	59	-		
3	Peltophorum Ferrugineum	Copper pod tree	57	-		
4	Bauhinea Purpurea	Kanchan	53	-		
5	Mimusopes elengi	Bakul	65	Evergreen tree, timber yielding and medicinal plants		
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	Natal Lily	-	-			
2	Big lily	-	-			
3	Sonn Takka	-	-			
4	Fire bush	-	-			
5	Adulsa	-	-			
6	Nirgudi	-	-			
47.Energy						

 (Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 108 of 113	 (M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
--	---	----------------------------------	--

Power requirement:	Source of power supply :	Reliance Energy (Adani Power)
	During Construction Phase: (Demand Load)	5000 KW
	DG set as Power back-up during construction phase	Packaged Sub-Station provide as approved by power supplier and MBMC
	During Operation phase (Connected load):	23 MW
	During Operation phase (Demand load):	18000 KW
	Transformer:	Not Applicable
	DG set as Power back-up during operation phase:	Packaged Sub-Station provide as approved by power supplier and MBMC
	Fuel used:	Low sulphur high speed diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Solar energy will be used for lightening and hot water for residential building.
Solar street lights are proposed in sale buildings and common areas such as open spaces, pathways etc.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	% energy saving w.r.t. energy consumed	6.5 %

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:	100 Lakhs
	O & M cost:	6 Lakhs

51. Environmental Management plan Budgetary Allocation

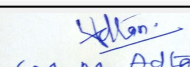
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Barricading and dust suppression	Air pollution and Erosion control	7
2	Environmental Monitoring	Air, Water, Soil and Noise Monitoring	1.5
3	PPE for workers (gloves, specs, boots etc.)	site safety and health safety	6
4	bio-toilets and basins	site sanitation	4
5	Health Checkups	Health safety	4


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 109
of 113


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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (MBBR)	Waste water treatment	500	60
2	MSW	IVC & OWC	82	12
3	RWH	Rain water harvesting	60	5
4	Landscape	RG area	55	8
5	Solar Energy System	Renewable energy uses	100	6

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

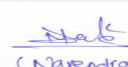
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

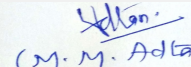
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 Entry/ Exits on 13 m wide Service road & 60m Western Express Highway
Parking details:	Number and area of basement:	49850 (24925 X 2 Basement)
	Number and area of podia:	1 Podium Stilt : 9902.20 m2, Ground floor: 23016.29 m2
	Total Parking area:	85146.22 SQ.MTS
	Area per car:	35 m2
	Area per car:	35 m2
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	2385 nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 mt
	CRZ/ RRZ clearance obtain, if any:	Not applicable


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

SEAC Meeting No: 131 Meeting Date: March 5, 2020

Page 110
of 113


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

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(a)-B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

SEAC-AGENDA-0000000419

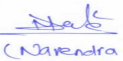
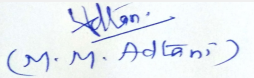
Representative of PP was present during the meeting along with environmental consultant M/s. Pollution & Ecology Control Services.

PP informed that, the project under consideration revalidation & amendment in existing housing project. PP further stated that, the total plot area of the project is 50202.63 Sq.mt having total construction area 364414.29 Sq.mt (FSI - 212196.65 Sq.mt + NON FSI- 152217.64 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Sale A (10)	2 Basements+ Ground floor + Podium Stilt+ 19 floors	63.45
Sale A1 (1)	2 Basements + Ground floor + Podium Stilt+ 21 Floors	69.25
Sale B1 (2)	2 Basements + Ground floor + Podium Stilt + 21 Floors	69.25
Sale B2 (1)	2 Basements + Ground floor + Podium Stilt + 21 Floors	69.25
Sale C (2)	2 Basements + Ground floor + Podium Stilt+ 20 Floor	66.35
Sale D (2)	2 Basements + Ground floor + Podium Stilt+ 20 Floor	66.35
Sale E (2)	2 Basements + Ground floor + Podium Stilt + 21 Floors	69.25
Sale F (1)	2 Basements + Ground floor + Podium Stilt + 21 Floors	69.25
Sale G (2)	2 Basements+ Ground floor + Podium Stilt+ 19 floors	63.45
Sale H (1)	2 Basements + Ground floor + Podium Stilt+ 21 Floor	69.25
Sale N (1)	2 Basements + Ground floor + Podium Stilt+ 20 Floor	66.35
Hotel Building 2	Basements + Ground Floor + Podium Stilt + 12 Floor	47.05
Clubhouse Podium	Stilt + 2 floors	13.35
Rental- R1	Ground floor + 18 Floors	55.10
Rental- R2	Ground floor + 17 Floors	52.20
Rental- R3	Ground floor + 18 Floors	55.10
Rental- R4	Ground floor + 17 Floors	52.20
Rental- R5	Ground floor + 17 Floors	52.20
Rental- R6	Ground floor + 17 Floors	52.20
Rental- R7	Ground floor + 18 Floors	55.10
Rental- R8	Ground floor + 18 Floors	55.10

It is noted that, Project has received Environmental clearance vide letter dated 13.07.2011. It is further noted that in earlier EC, the plot area of adjoining plot falling in MCGM limit was also included. But for that plot now separate proposal is received vide UID no SEIAA 0000001621. The proposal no SEIAA 0000001621 is taken simultaneously today. The discussion & deliberation in that proposal applies to this proposal also.

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, IA, presentation & plans submitted are taken on the record

 Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 131 Meeting Date: March 5, 2020	Page 112 of 113	 Shri M.M. Adtani (Chairman SEAC-II)
---	---	----------------------------------	---

DECISION OF SEAC

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

Specific Conditions by SEAC:

- 1) Shop no. 6 having configuration G + 1 floor on south side will be as per reduced area after providing 6 mt wide drive way of south side of plot as per CFO NOC dated 25-05-2018.
- 2) PP to enter in to the MOU with developer of MCGM plot regarding right of way taken on south side of building no. 27 as per approved map of CFO dated 27-05-2018.
- 3) PP to submit the approved received plan from Mira Bhandar Municipal Corporation.
- 4) PP to increase the solar energy saving from 4.5 % to 5%.
- 5) PP to ensure that all 3 proposed STPs in Mira bhandar plot should be 40% open to sky for adequate ventilation.
- 6) PP to upload CFO NoC. Also PP to provide Fire hydrants along with necessary equipment on top of the podium and separate stair case which go direct to the podium for fire man.
- 7) Instead of activated sludge process (ASP), PP to provide MBBR technology, & also PP to ensure that BOD of treated water should be less than 5 mg/lit.
- 8) The RG on south side of building 24 which was proposed on common podium of the building proposed in MCGM plot. Which is not constructed since the plan of Mumbai plot is revised that should be green area.
- 9) The rental building no. 9 which is not proposed to be constructed to be converted in to paved RG.
- 10) PP to submit copy of MoU/Agreement regarding right of way from adjoining plot in MCGM area as pointed out in proposal no SEIAA 0000001621 also.
- 11) 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.
- 12) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

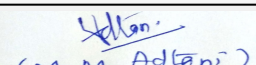
SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions


(Narendra Toke)

Shri Narendra Toke
(Secretary SEAC-II)

**SEAC Meeting No: 131 Meeting Date: March 5,
2020**

Page 113
of 113


(M. M. Adtani)

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