Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Proposed Expansion for Residential cum Commercial Project at Plot bearing S. NO. 2, H. NO. 3, 4, 5/1, 5/2, S. NO. 3A, H. NO. 1/3(P), S. NO. 40, H. NO. 1, 2(P), S. NO. 39A, S. NO. 4B, H.NO.1 at Village-Netivali, Tal- Kalyan, Dist- Thane by M/s. Sab Ventures.

Is a Violation Case: No

1.Name of Project	Proposed Expansion for Residential cum Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Sab Ventures
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Residential Cum Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC letter received (SEAC-2013/CR-286/TC-1) dated 8th April,2015 , BUA=37,313.62 sq.m.
8.Location of the project	S. NO. 2, H. NO. 3,4,5/1,5/2, S. NO. 3A, H. NO. 1/3(P), S. NO. 40, H. NO. 1,2(P), S. NO. 39A, S. NO. 4B, H.NO.1 At Village:- Netivali, Taluka:- Kalyan, District:-Thane.
9.Taluka	Kalyan
10.Village	Netivali
Correspondence Name:	Shri. Johar Zojwalla
Room Number:	-
Floor:	1st Floor
Building Name:	Rani Mansion
Road/Street Name:	Murbad Road
Locality:	Kalyan (w)Thane :- 421306
City:	Kalyan
11.Area of the project	Kalyan Dombivli Municipal Corporation (KDMC)
12.IOD/IOA/Concession/Plan Approval Number	received on 11-5-2017 by KDMC
	IOD/IOA/Concession/Plan Approval Number: kdmc/nrv/bp/kv/2013-14/200/48
	Approved Built-up Area: 41920.27
13.Note on the initiated work (If applicable)	Work has been initiated as per the EC letter received (SEAC-2013/CR-286/TC-1) dated 8th April,2015, Totla constructed area = 15742.50 sq.m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	14004.00 sq.m.
16.Deductions	1545.12 sq.m.
17.Net Plot area	12458.88 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 25369.22
	b) Non FSI area (sq. m.): 19207.00
	c) Total BUA area (sq. m.): 44576.22
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 21687.84
	Approved Non FSI area (sq. m.): 20232.43
	Date of Approval: 11-05-2017
19.Total ground coverage (m2)	3307.02
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26.54
21.Estimated cost of the project	1045000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A, B	Stilt+ 10 floors	32.05
2	Building C, D, E	Gr(pt)+St(pt)+15 floors	48.15
3	Building F,G & H	Gr (pt)+ St (pt) + 18 floors	57.00

23.Number of tenants and shops	Tenements= 533 Nos. Shops= 58 Nos
24.Number of expected residents / users	Res. = 2379Nos. Comm= 174Nos., Total = 2553Nos.
25.Tenant density per hectare	381tenements/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)	24 M wide Malangad road ,9M wide D.P. Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Wing A & B =S +10 floors are constructed ,Wing C, D, E=G (P) + S (P) + 8 floors are constructed ,Wing F,G,H=Work not commenced
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	KDMC/treated water
	Fresh water (CMD):	217
	Recycled water - Flushing (CMD):	112
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	339
	Fire fighting - Underground water tank(CMD):	475 cum(325+150)
	Fire fighting - Overhead water tank(CMD):	25 cum for each wing
	Excess treated water	150
Wet season:	**Source of water**	KDMC/treated water /RWH tank
	Fresh water (CMD):	217
	Recycled water - Flushing (CMD):	112
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	329
	Fire fighting - Underground water tank(CMD):	475cum(325+150)
	Fire fighting - Overhead water tank(CMD):	25 cum for each wing
	Excess treated water	160
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	1.5-2.00 m bgl
	Size and no of RWH tank(s) and Quantity:	-
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	11 no. (each of 9.4cum)
	Size of recharge pits :	0.7 X 0.2 x 60
	Budgetary allocation (Capital cost) :	Rs. 16.50 lakhs
	Budgetary allocation (O & M cost) :	Rs. 1.00 Lakhs
	Details of UGT tanks if any :	-
35.Storm water drainage	**Natural water drainage pattern:**	south to north
	Quantity of storm water:	0.625 cum/sec
	Size of SWD:	Width of the channel considered=0.6 m, Depth of the channel considered=0.9m
Sewage and Waste water	**Sewage generation in KLD:**	286 KLD
	STP technology:	SBR Technology
	Capacity of STP (CMD):	300 KLD
	Location & area of the STP:	At ground Level
	Budgetary allocation (Capital cost):	Rs. 98.00 Lakhs
	Budgetary allocation (O & M cost):	Rs. 10.00 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Debris has been disposed off by covered trucks to the authorized sites with the permission of KDMC
	Disposal of the construction waste debris:	Construction debris will be used for leveling and Scrap material will be sold to recyclers.
Waste generation in the operation Phase:	**Dry waste:**	502 Kg/Day
	Wet waste:	727 Kg/Day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	16 kg/day
	Others if any:	Nil

Mode of Disposal of waste:	**Dry waste:**	Will be handed over to authorized recyclers.
	Wet waste:	Will be processed in OWC. Manure so obtained will be used for gardening.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure within the premises for gardening.
	Others if any:	Nil
Area requirement:	**Location(s):**	Ground Level
	Area for the storage of waste & other material:	48.00.m.
	Area for machinery:	5.00 sq.m.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 10.00 lakhs
	O & M cost:	Rs. 2.00 lakhs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

43.Green Belt Development	**Total RG area :**	Ground RG=1945.25 sq.m.
	No of trees to be cut :	NIL
	Number of trees to be planted :	100 Nos.
	List of proposed native trees :	as below
	Timeline for completion of plantation :	at the end of construction phase

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahawa	20	shady
2	Delonix regia	Gulmohar	20	shady
3	Azardirachta indica	Neem	20	shady
4	Pettophorum inerme	Sonmohar	20	flowering
5	Pongamia pinnata	Karanj	20	shady
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)	80 KW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	3256 KW
	During Operation phase (Demand load):	1383.90 KW
	Transformer:	3 X 630 KVA
	DG set as Power back-up during operation phase:	1 X 160 KVA,1X40 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Saving Due to CFL / T5 for Ground Floor Lighting
LED Lights for Staircase & Lobby Area
Saving Due to use of star rated motors
By Using VFD for lifts
By Using Solar Water Heater

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	as above	17%

50.Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 50.00 Lakhs
	O & M cost:	Rs. 2.00 Lakhs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust Suppression	2.5
2	Land Environment	Site Sanitation	2.0
3	Environmental Monitoring	Environmental Monitoring	15.0
4	EHS	Disinfection	2.0
5	EHS	Health check up	3.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	water environment	Rain Water Harvesting	16.50	1.00
2	solid waste	MSW	10.00	2.00
3	water environment	STP	98.00	10.00
4	Energy Saving	Energy Conservation	50.00	2.00
5	land environment	landscaping	18.50	4.00

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

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

52.Any Other Information

No Information Available

53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	entry exit from 24.00 m wide DP Road
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	4759.25 sq.m.
	Area per car:	As per DCR
	Area per car:	As per DCR
	Number of 2-Wheelers as approved by competent authority:	nil
	Number of 4-Wheelers as approved by competent authority:	119 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	NO
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	not within the 15 km area
	Category as per schedule of EIA Notification sheet	category B, schedule 8(a)
	Court cases pending if any	No
	Other Relevant Informations	This is an Expansion Project..Previously EC granted dated 8th April,2015 (SEAC-2013/CR-286/TC-1) Total BUA = 37313.62 sq.m.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	02-06-2017

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 Environmental Consultant- M/s. Enviro Analysts & Engineers Pvt. Ltd.

PP informed that, the project under consideration is *proposed Expansion Residential Cum Commercial Project.* Project has received Environmental clearance vide letter dated 8th April,2015 for total build up area 37,313.62 sq m. PP further informed that, there is change in building configuration and building H deleted and club house added

*PP further stated that, t*he total plot area of the project is 14004.00Sq. mt.having total construction area 44576.22Sq. mt. (FSI 25369.22 Sq.mt+ NON FSI-19207.00 Sq.mt)and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building A	Part Basement + Gr + 22 floors	69.95
Building B	St + 7 floors	23.27
Building C1, C2	St + 7 floors	23.27
Building D1, D2	Gr + 4 floors	14.80
Building E1, E2	Gr + 6 floors	23.50
Building F	Gr + 2 floors	10
Row House 1, 2, 3, 4	Gr + 2 floors	9

It is noted that the project earlier considered in 61st (Part A) meeting and then in 70th SEAC-2 meeting held on 25-09-2018. PP was absent in 70th meeting. In the 61st meeting the PP was asked to submit (1) certified compliance report from RO, Nagpur, MoEF & CC, (2) report regarding safety factor is not compromised for raising height from 10th floor to 15th floor and (3) to provide 6mt drive way.

Compliance submitted by PP taken on record including structural analysis design report dated 12th June 2014.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit the detail chronology of the project.
2) PP to revise CS clarifying reasons for changes.
3) PP to submit dated Architect certificate addressing to committee regarding building wise construction carried out as per EC.
4) RG1 and RG2 should be combined and made continuous patch.
5) PP to submit CER of 0.75 % prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertake under CER to be got approved from collector/ local body or Environment Department.

FINAL RECOMMENDATION

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

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Residential Project at plot bearing F.P.No. 1211 of T.P.S. IV, Mahim in G/North Ward, Prabhadevi, Mumbai by M/s Twenty Five South Realty Ltd

Is a Violation Case: No

1.Name of Project	Environmental Clearance for Residential Project at plot bearing F.P.No. 1211 of T.P.S. IV, Mahim in G/North Ward, Prabhadevi, Mumbai by M/s Twenty Five South Realty Ltd
2.Type of institution	TOR
3.Name of Project Proponent	M/s Twenty Five South Realty Ltd
4.Name of Consultant	Enviro Analysts and Engineers Pvt. Ltd.
5.Type of project	Residential project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Environmental Clearance to the earlier EC dated 23/10/2015
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	F.P.No. 1211 of T.P.S. IV, Mahim in G/North Ward
9.Taluka	-
10.Village	-
Correspondence Name:	Mr. Dattatraya V. Pravhu
Room Number:	-
Floor:	6th and 7th floor
Building Name:	Ackruti Center Point
Road/Street Name:	MIDC Center Road
Locality:	Gautam Nagar
City:	Marol, Andheri (E)
11.Area of the project	MCGM
12.IOD/IOA/Concession/Plan Approval Number	Yes
	IOD/IOA/Concession/Plan Approval Number: IOD U/No EB/3429/GN/A dated 01/06/2018
	Approved Built-up Area: 37034.73
13.Note on the initiated work (If applicable)	Work is completed up to 3rd habitable floor as per earlier EC dated 23/10/2015
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	No
15.Total Plot Area (sq. m.)	21489.30 sqm
16.Deductions	3531.13 sqm
17.Net Plot area	17958.17 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 96518 sqm
	b) Non FSI area (sq. m.): 115543 sqm
	c) Total BUA area (sq. m.): 212061
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 37034.73 sqm
	Approved Non FSI area (sq. m.): 77132 sqm
	Date of Approval: 01-06-2018
19.Total ground coverage (m2)	8938 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49 %
21.Estimated cost of the project	15930000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Tower A	3B + Gr. + 1st to 7th Parking Podium + Podium 8th and 9th Club Levels + 3 no's Service Floor + 1st to 44th Residential Floors + 45th and 46th Floor Duplex and 47th Floor Triplex + 1 no Fire Check Floor and Refuge at 1st, 8th, 15th, 22nd, 29th, 36th, 43rd Floor Level	215 M
2	Tower B	B + Gr. + 1st to 7th Parking Podium + Podium 8th and 9th Club Levels + 3 no's Service Floor + 1st to 54th Residential Floors + 55th and 56th Floor Duplex and 57th Floor Triplex + 1 no Fire Check Floor and Refuge at 1st, 8th, 15th, 22nd, 29th, 36th, 43rd and 50th Floor Level	245 M
3	Tower C	2B + Gr. + 1st Parking + Stilt + 1 no service floor + 1st to 31st floors	145 M

23.Number of tenants and shops	363 no's
24.Number of expected residents / users	2414 no's
25.Tenant density per hectare	169 per hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	18.30 m wide D. P Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m/ 7.5 m
29.Existing structure (s) if any	-
30.Details of the demolition with disposal (If applicable)	-

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	MCGM
	Fresh water (CMD):	217 KLD
	Recycled water - Flushing (CMD):	109 KLD
	Recycled water - Gardening (CMD):	32 KLD
	Swimming pool make up (Cum):	2 KLD
	Total Water Requirement (CMD) :	358 KLD
	Fire fighting - Underground water tank(CMD):	Shall be provided in EIA report
	Fire fighting - Overhead water tank(CMD):	Shall be provided in EIA report
	Excess treated water	135 KLD
Wet season:	**Source of water**	MCGM
	Fresh water (CMD):	217 KLD
	Recycled water - Flushing (CMD):	109 KLD
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	2 KLD
	Total Water Requirement (CMD) :	326 KLD
	Fire fighting - Underground water tank(CMD):	Shall be provided in EIA report
	Fire fighting - Overhead water tank(CMD):	Shall be provided in EIA report
	Excess treated water	167 KLD
Details of Swimming pool (If any)	Shall be provided in EIA report	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2m to 5m
	Size and no of RWH tank(s) and Quantity:	No. of RWH Tanks: 2 no's. and Total capacity of RWH Tank: 160 cum
	Location of the RWH tank(s):	Below ground level
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	Rs. 10 lakh
	Budgetary allocation (O & M cost) :	Rs. 0.5 lakh
	Details of UGT tanks if any :	Shall be provided in EIA report
35.Storm water drainage	**Natural water drainage pattern:**	Shall be provided in EIA report
	Quantity of storm water:	Shall be provided in EIA report
	Size of SWD:	Shall be provided in EIA report
Sewage and Waste water	**Sewage generation in KLD:**	305 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	2 no's of STP. Capacity: 315 KLD
	Location & area of the STP:	Location: On Ground. Area: 255 sqm
	Budgetary allocation (Capital cost):	Rs. 40 lakh
	Budgetary allocation (O & M cost):	Rs. 7 lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated Material, Top Soil Material, Road Filling Material.
	Disposal of the construction waste debris:	It will be reused.
Waste generation in the operation Phase:	**Dry waste:**	483 Kg per day
	Wet waste:	724 kg per day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	13 kg per day
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Recycling process
	Wet waste:	Will be processed in the OWC. Manure obtained shall be used for landscaping and excess manure shall be sold to nearby end users.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dry Sludge used as for Landscaping
	Others if any:	NA
Area requirement:	**Location(s):**	Ground Level
	Area for the storage of waste & other material:	47 sqm
	Area for machinery:	5 sqm
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 8 lakh
	O & M cost:	Rs. 2 lakh/year

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

43.Green Belt Development	**Total RG area :**	4390.48 sqm
	No of trees to be cut :	1 no's
	Number of trees to be planted :	268 no's
	List of proposed native trees :	As given below
	Timeline for completion of plantation :	Approximately 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	Azadirachta Indica	Neem	25	Medicinal Tree
2	Ficus racemosa	Umber	22	Medicinal Tree
3	Abrus precatorius	Gunj	35	Medicinal Tree
4	Banyan	Vad	15	Medicinal Tree
5	plumeria	Champa	35	Flowering Plant
6	Delonix regia	Gulmohar	35	Flowering Tree
7	Delonix regia	Yellow Gulmoha	40	Flowering Tree
8	Spathodea campanulata	African tulip tree	35	Medicinal Plant
9	Saraca Indica	Ashoka tree	26	Tropical 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	Shall be provided in EIA report	Shall be provided in EIA report	Shall be provided in EIA report

47.Energy

Power requirement:	**Source of power supply :**	TATA Power
	During Construction Phase: (Demand Load)	100 Kw
	DG set as Power back-up during construction phase	125 kVA
	During Operation phase (Connected load):	7930 kW
	During Operation phase (Demand load):	5750 kW
	Transformer:	6no's x 1250 kVA
	DG set as Power back-up during operation phase:	2 no's x 1000 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

- Common area lighting, street lighting and landscape lighting on LED
- Use of electronic ballast instead of copper ballast
- Providing timers for common area lighting
- Use of hydro- pneumatic pumping system/ventilation & lifts with VFD drives and soft starter
- Use of BEE star rated pumps
- Use of APFC panels
- Use of solar water heater panels
- Provision of Solar system for Common area lighting, street lighting and landscape lighting

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total % Savings	13.26 %

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. 55 lakh
	O & M cost:	Rs. 1 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	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	Rs. 5 lakh

2	Noise Environment	Noise Barricades and Green Belt Developments	Rs. 3 lakh
3	Water Environment	Modular STP, Drainage with sedimentation tanks	Rs. 3.5 lakh
4	Good Health Practices	Site Sanitation & Health Care	Rs. 2 lakh
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	Rs. 1.5 lakh

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RHW tanks	Rs. 10 lakh	Rs. 0.5 lakh
2	Solid waste management	OWC	Rs. 8 lakh	Rs. 2 lakh
3	Waste water management	STP	Rs. 40 lakh	Rs. 7 lakh
4	Energy conservation	Renewable energy and saving measures	Rs. 55 lakh	Rs. 1 lakh
5	Landscaping	greenbelt	Rs. 15 lakh	Rs. 1 lakh

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 no’s

Parking details:	**Number and area of basement:**	Shall be provided in EIA report
	Number and area of podia:	Shall be provided in EIA report
	Total Parking area:	52515 sqm
	Area per car:	Shall be provided in EIA report
	Area per car:	Shall be provided in EIA report
	Number of 2-Wheelers as approved by competent authority:	182 no's
	Number of 4-Wheelers as approved by competent authority:	1107 no's
	Public Transport:	Nil
	Width of all Internal roads (m):	6.60 – 7.50 m internal road
	CRZ/ RRZ clearance obtain, if any:	Yes. F.No.21-44/2014-IA.III dated 23rd October 2015
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Shall be provided in EIA report
	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.	Yes
	Date of online submission	01-01-1900

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. Enviro Analysts and Engineers Pvt. Ltd.

PP informed that, the project under consideration is *proposed Residential project. PP further stated that, t*he total plot area of the project is 21489.30Sq.mt. having total construction area 2,12,061 Sq.mt. (FSI - 96518 Sq.mt. + NON FSI- 115543Sq.mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Tower A	3B + Gr. + 1st to 7th Parking Podium + Podium 8th and 9th Club Levels + 3 no's Service Floor + 1st to 44th Residential Floors + 45th and 46th Floor Duplex and 47th Floor Triplex + 1 no Fire Check Floor and Refuge at 1st, 8th, 15th, 22nd, 29th, 36th, 43rd Floor Level	215 M
Tower B	B + Gr. + 1st to 7th Parking Podium + Podium 8th and 9th Club Levels + 3 no's Service Floor + 1st to 54th Residential Floors + 55th and 56th Floor Duplex and 57th Floor Triplex + 1 no Fire Check Floor and Refuge at 1st, 8th, 15th, 22nd, 29th, 36th, 43rd and 50th Floor Level	245 M
Tower C	2B + Gr. + 1st Parking + Stilt + 1 no service floor + 1st to 31st floors	145 M

PP stated that, the project earlier received EC vide letter dated 23/10/2015 for total built up area 1,49,895.61 Sq.mt (FSI 47,759.54 +Non FSI- 1,02,136.07). PP further stated that, they have constructed Tower A upto 17th floor as per earlier EC.

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

DECISION OF SEAC

Committee approved the ToR with following observations & additions, which is valid upto 26/3/2022. EIA will be apprised as & when submitted. Meanwhile PP should comply following points.

Specific Conditions by SEAC:

1) PP to submit the Architect certificate addressed to committee regarding building-wise construction done on site as per earlier EC as well as regarding violation, if any.
2) PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.
3) PP to submit & upload the copy of acknowledgement for plan submitted to local planning authority.
4) PP to submit NoC from High rise committee.
5) PP to ensure that, the fire tender movement should be from all around the building.
6) PP to submit & upload the design & cross section of STPs indicating 40% area open to sky for adequate ventilation.
7) PP to ensure that there will be maximum reuse of treated waste water.
8) PP to ensure that RG required is as per the norms and should be on Mother Earth.
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 undertake under CER to be got approved from collector/ local body or Environment Department.
10) 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.

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Township Project

Is a Violation Case: No

1.Name of Project	Proposed Township Project at Village Hatnoli, Taluka Khalapur, District Raigad (Maharashtra) by Jairamjiki Developments Ltd
2.Type of institution	Private
3.Name of Project Proponent	Jairamjiki Developments Ltd
4.Name of Consultant	Vardan Environet
5.Type of project	Proposed Township Project on an area of 101 acres
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	32/1, 33/1A/1, 33/1B, 33/3, 34/2A/1, 34/2B, 35, 36/0, 14/0,15/0,16/1,16/2,16/3, 17/1, 17/2(Part),18/1A, 18/1B, 20/20
9.Taluka	Khalapur
10.Village	Hatnoli
Correspondence Name:	Jairam Chawla, Managing Director
Room Number:	25,
Floor:	NA
Building Name:	Soni House
Road/Street Name:	Nehru Road
Locality:	Santacruz East
City:	Mumbai
11.Area of the project	Maharashtra State Road Development Corporation Ltd
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 838144.9
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	4,08,732.50
16.Deductions	51091.06
17.Net Plot area	3,57,640.94
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 6,94,845.25
	b) Non FSI area (sq. m.): 1,49,627.9
	c) Total BUA area (sq. m.): 844473.15
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	1,78,820.47
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	50%
21.Estimated cost of the project	8000000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	HIG (14 no of buildings)	13	39
2	MIG (8 no of buildings)	14	42
3	LIG (6 no of buildings)	14	42
4	Studio Apartment (2 no)	3	9
5	Villas (19 no of Building)	3	9
6	Row Houses (33 no)	3	9
7	Corner Villas (16 no)	3	9
8	School (1 no)	6	18
9	Hospital (1 no)	9	27
10	Sports and Cultural Centre (1 no)	8	24
11	Business Center (1 no)	12	36
12	EWS	14	42
13	EWS	14	42

23.Number of tenants and shops	There is proposal of one conventional shopping area, club house, Helipad, Amphitheatre, Playground, Electrical Room, Fuel Room etc
24.Number of expected residents / users	43149
25.Tenant density per hectare	1055
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	6 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

Dry season:	**Source of water**	NMMC
	Fresh water (CMD):	2166
	Recycled water - Flushing (CMD):	1509
	Recycled water - Gardening (CMD):	1042
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	5016
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	2000
	Excess treated water	68
Wet season:	**Source of water**	NMMC
	Fresh water (CMD):	2166
	Recycled water - Flushing (CMD):	1509
	Recycled water - Gardening (CMD):	1042
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	5016
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	2000
	Excess treated water	68
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	0	2166	2166	0	433	433	0	1733	1733
Cooling tower & thermopack	0	1436	1436	0	288	288	0	1148	1148
Gardening	0	1042	1042	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	150 m
	Size and no of RWH tank(s) and Quantity:	Total 98 no of Rainwater Harvesting Pits have been proposed of capacity 1236.37 m3 each
	Location of the RWH tank(s):	RWH pits shall be located as per the natural slope, since the project site is at the foothills
	Quantity of recharge pits:	Total 98 no of Rainwater Harvesting Pits have been proposed
	Size of recharge pits :	Volume of each recharge pit proposed will be 1236.37 m3
	Budgetary allocation (Capital cost) :	50 Lacs
	Budgetary allocation (O & M cost) :	5 Lacs
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	Storm water drainage shall be constructed as per the natural slope of the area.
	Quantity of storm water:	365355.78 m3
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	3242
	STP technology:	MBBR
	Capacity of STP (CMD):	Capacity if STP shall be 3900 KLD
	Location & area of the STP:	Area of STP will be 1000 sq m
	Budgetary allocation (Capital cost):	240 Lacs
	Budgetary allocation (O & M cost):	10 Lacs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	The waste generation will be in the form of soil and boulders during the construction phase. This shall be stacked within the project premises. The quantity of soil would be quite less as the area is rocky. However, the quantity of top soil shall be stacked properly and reused for greenbelt development during and the boulders can be used for construction of internal roads etc.
	Disposal of the construction waste debris:	The construction debris like top soil and boulders shall be reused within the premises for greenbelt and for internal road.
Waste generation in the operation Phase:	**Dry waste:**	4787 kg/day
	Wet waste:	7181 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	The biomedical waste shall be generated from the proposed hospital within Township, which shall be sold to the authorized vendors by the Hospital administration
	STP Sludge (Dry sludge):	STP sludge generated shall be utilized as manure
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Dry waste shall be segregated into recyclable and non recyclable. Estimated quantity of recyclable waste is about 2872 kg/day which shall be collected in blue coloured bins and sold to the authorized recyclers. The non recyclable waste estimated to be 1915 kg/day shall be collected in dark grey bins and it will also be given to authorized vendors for final disposal.
	Wet waste:	This shall be collected in green bins placed different locations with project premises and shall be used for vermi composting.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	The biomedical waste shall be generated from the proposed hospital within Township, which shall be sold to the authorized vendors by the Hospital administration
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	NA
Area requirement:	**Location(s):**	Coloured bins shall be located at different locations for wet and dry waste collection
	Area for the storage of waste & other material:	1125 sq area within the premises has been designated for storage of waste
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	25 Lacs
	O & M cost:	4 Lacs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	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:	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 :**	148857.4
	No of trees to be cut :	NA
	Number of trees to be planted :	Approximately 10000 - 15000 trees have been proposed to planted and exiting trees shall be retained
	List of proposed native trees :	Name of major trees to be planted are Mangifera indica, Ficus benghalensis, Delonix regia, Azadirachta indica and detailed list of trees, shrubs and herbs has been mentioned in EIA report
	Timeline for completion of plantation :	The plantation shall start from the date of commencement 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	NA	NA	NA	NA
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)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	6012 KVA
	Transformer:	3 x 2500 KVA
	DG set as Power back-up during operation phase:	4 × 2500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

? Maximum utilization of natural light
? CFL & T-5 lighting fixtures in the common areas and Truelite fluorescent lamps in basements
? Use of solar lights in street and landscaping
? Minimum of 20% hot water requirement shall be met by solar water heating systems
? Energy efficient motors and pumps
? Appropriate design to reduce heat gain and loss
? Roof-top thermal insulation
? Glazing Glass to reduce the U value as far as possible.
? External glazing will be below 60% of the total vertical surface as per ECBC.\

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Installation of Solar Panels	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution Trough Transportation	Not applicable	Water Sprinkling and Tree Plantation along roads
Waste Water	Not applicable	Sewage Treatment Plant
Air & Noise Pollution through D G Sets	Not applicable	Adequate Stack Height and Acoustic Enclosures
Solid Waste from Residential & Commercial Area	Not applicable	Adequate Number of Coloured Dust Bins, Organic Waste Converter as well as vermi composting

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	368 Lacs
	O & M cost:	43 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	Water for Dust suppression	Particulate Matter	3
2	Waste Water Management	Construction Waste	5
3	Air, Noise, Soil, Water Monitoring	Compliance	5
4	Green Belt Development	Fugitive Emission	25

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Waste Water Management	pH, BOD, COD, TSS	240	10
2	Solid Waste Management	dry and wet waste	20	3

3	Green Belt Development	dust and air	50	8
4	Monitoring for Air, Water, Noise & Soil	Environmental Compliance	2	1
5	Energy Saving	Energy Conservation	5	1

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	0
Parking details:	**Number and area of basement:**	0
	Number and area of podia:	4 no of Podiums
	Total Parking area:	79248
	Area per car:	3 per 100 sq m
	Area per car:	3 per 100 sq m
	Number of 2-Wheelers as approved by competent authority:	8326
	Number of 4-Wheelers as approved by competent authority:	8320 no
	Public Transport:	The project site is on the old Mumbai - Pune Highway and is well connected by the public transport like buses and auto
	Width of all Internal roads (m):	6 m and 9 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	>10 km

	Category as per schedule of EIA Notification sheet	8(b) “Township & Area Developement Projects”
	Court cases pending if any	NA
	Other Relevant Informations	None
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	28-11-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP Mr. Jairam Chawla was present during the meeting along with environmental consultant M/s. Vardan Environet.

PP informed that, the project under consideration is *proposed NewTownship Project on an area of 101 acres. PP further stated that, t*he total plot area of the project is 4,08,732.50 Sq.mt having total construction area 844473.15Sq. mt. (FSI - 6,94,845.25 Sq.mt + NON FSI- 1,49,627.9 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
HIG (14 no of buildings)	13	39
MIG (8 no of buildings)	14	42
LIG (6 no of buildings)	14	42
Studio Apartment (2 no)	3	9
Villas (19 no of Building)	3	9
Row Houses (33 no)	3	9
Corner Villas (16 no)	3	9
School (1 no)	6	18
Hospital (1 no)	9	27
Sports and Cultural Centre (1 no)	8	24
Business Center (1 no)	12	36
EWS	14	42
EWS	14	42

It is noted that, the proposal was considered earlier in 88th & 91st meeting held on 11/2/2019 & 7/3/2019 respectively.

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, EIA presentation & plans submitted are taken on the record.

DECISION OF SEAC

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

Specific Conditions by SEAC:

4) Considering discrepancies in DILR and town planning maps, PP to submit clarification regarding exact location of nalla from competent Authority:-Collector or water resource department.
5) PP to submit Nalla remarks from Irrigation department
6) PP stated that, they will have the water supply from grampanchayat. To confirm the water availability of grampanchayat, PP to submit population of village, Water supply provided by MJP for that village & total water requirement of the project and what is the capacity of Gram panchayat to undertake to take up such big project of surplus of drinking water.
7) PP to submit water supply NOC as per requirement of project from MJP/Irrigation department.
8) PP to submit copy of document/approval specifying 1.70 FSI .
9) PP to revise the population estimated for the project as per NBC 2016 guidelines.
10) Master layout area statement should be as per form A of ITP.
11) PP to submit area statement and contour map specifying how much area & its location is with 1:5 slope.
12) PP to submit superimposed contour plan on site plan. PP to submit calculations for excavation and filling.

FINAL RECOMMENDATION

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

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Proposed Layout with Construction of EWS, LIG, MIG and HIG Tenements on Plot -A and Plot -B at S. No. 29 (P), C.T.S. No. 50A (pt.) and 2, at Pahadi Goregaon, Goregaon (W), Mumbai in P/S ward. (New Subhash Nagar).

Is a Violation Case: No

1.Name of Project	Proposed Layout with Construction of EWS, LIG, MIG and HIG Tenements
2.Type of institution	Government
3.Name of Project Proponent	Mumbai Housing and Area Development Board, Mumbai (A MHADA Unit)
4.Name of Consultant	Fine Envirotech Engineers
5.Type of project	MHADA
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	Plot -A and Plot -B at S. No. 29 (P), C.T.S. No. 50A (pt.) and 2, at Pahadi Goregaon, Goregaon (W), Mumbai in P/S Ward. (New Subhash Nagar).
9.Taluka	Goregaon
10.Village	Pahadi Goregaon(W).
Correspondence Name:	Mumbai Housing and Area Development Board, Mumbai (A MHADA Unit)
Room Number:	NA
Floor:	NA
Building Name:	Mumbai Housing and Area Development Board, Mumbai (A MHADA Unit)
Road/Street Name:	Ravaji Ganatra Marg
Locality:	Griha Nirman Bhavan, Kalanagar, Bandra (East), Mumbai.
City:	Mumbai
11.Area of the project	The project comes under Municipal Corporation of Greater Mumbai (MCGM).
12.IOD/IOA/Concession/Plan Approval Number	IOA is approved U.No.- MH/EE(BP)CELL/GM/MHADA-57/181/2019, dtd: - 16/01/2019 for 11 wings (i.e. In plot-A, building no.- 03, Wing: - A, B, C, D, E, F, G = 7 wings and in plot-B, Building no.- 02, Wing: - A, B, C, D = 4 wings)
	IOD/IOA/Concession/Plan Approval Number: IOA is approved U. No.- MH/EE(BP)CELL/GM/MHADA-57/181/2019, dtd: - 16/01/2019 for 11 wings (i.e. In plot-A, building no.- 03, Wing: - A, B, C, D, E, F, G = 7 wings and in plot-B, Building no.- 02, Wing: - A, B, C, D = 4 wings)
	Approved Built-up Area: 94359.81
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1,99,215.00 sq.mt.
16.Deductions	1,57,847.92 sq.mt.
17.Net Plot area	41,367.08 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 73,904.16 sq.mt.
	b) Non FSI area (sq. m.): 20,455.65 sq.mt.
	c) Total BUA area (sq. m.): 94359.81
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 73,904.16 sq.mt.
	Approved Non FSI area (sq. m.): 20,455.65 sq.mt.
	Date of Approval: 16-01-2019
19.Total ground coverage (m2)	5,558.55 sq.mt.

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	7.90 %
21.Estimated cost of the project	1500000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building No.3- EWS with 7 Wings namely, A, B, C, D, E, F, G In Plot A	Stilt + 23rd Floors	69.985
2	Building No.2- EWS with 4 Wings namely, A, B, C, D In Plot B	Stilt + 23rd Floors	69.985

23.Number of tenants and shops	Total Residential Tenements - 1947 nos.
24.Number of expected residents / users	Total Residents - 9735 nos.
25.Tenant density per hectare	450 Tenant Per 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)	36.60 mt wide D.P. Road and 18.30 mt wide D.P. Road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Nil
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	MCGM Water Supply
	Fresh water (CMD):	876
	Recycled water - Flushing (CMD):	438
	Recycled water - Gardening (CMD):	21
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	1335
	Fire fighting - Underground water tank(CMD):	600
	Fire fighting - Overhead water tank(CMD):	330
	Excess treated water	487
Wet season:	**Source of water**	MCGM Water Supply
	Fresh water (CMD):	876
	Recycled water - Flushing (CMD):	438
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	1314
	Fire fighting - Underground water tank(CMD):	600
	Fire fighting - Overhead water tank(CMD):	330
	Excess treated water	508
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2 to 3 m below ground level
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	6 nos.
	Size of recharge pits :	3 m x 1.5 m
	Budgetary allocation (Capital cost) :	Rs. 30 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 3 Lakhs / year
	Details of UGT tanks if any :	Building No.3: Firefighting water tank -400 cu.m; Domestic water tank -584.10 cu.m; Flushing water tank –292.05 cu.m Building No.2: Firefighting water tank -200 cu.m; Domestic water tank -212.40 cu.m; Flushing water tank –106.2 cu.m
35.Storm water drainage	**Natural water drainage pattern:**	Open Storm Water Drain with gratings on road.
	Quantity of storm water:	0.364 m3/sec.
	Size of SWD:	450 / 600 mm wide
Sewage and Waste water	**Sewage generation in KLD:**	1051
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 STP of 700 kld and 1 STP of 400 kld
	Location & area of the STP:	Location: Ground and area of the STP 1- 659.06 sq.mt. and STP 2 - 546.20 sq.mt.
	Budgetary allocation (Capital cost):	Rs. 250 Lakhs
	Budgetary allocation (O & M cost):	Rs. 45 Lakhs /year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated materials quantity : 24,275 Cu. M
	Disposal of the construction waste debris:	Excavation material 21,275 Cu. M shall be partly reused on site and remaining 3,000 Cu. M shall be disposed of by covered trucks to the authorized sites.
Waste generation in the operation Phase:	**Dry waste:**	1,947 kg/day
	Wet waste:	3,075 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	105 kg.
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Wastes will be handed over to authorized agency/recycler
	Wet waste:	Waste will be process in Organic Waste Converter and compost will be used as manure for gardening.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure for gardening
	Others if any:	NA
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	303.15 sq.mt.
	Area for machinery:	50 sq.mt.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 60 Lakhs
	O & M cost:	Rs. 16 Lakhs /year

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

43.Green Belt Development	**Total RG area :**	4,161.53 sq.mt.
	No of trees to be cut :	NA
	Number of trees to be planted :	880 nos.
	List of proposed native trees :	Apta, Bhava, Son Chapa, Bakul, Kadam, Sita Ashoka, Neem, Mango
	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	Bauhinia racemosa	Apta	125	Small tree with small white flowers, butterfly host plant
2	Cassia fistula	Bhava	130	Medium sized deciduous tree, beautiful yellow flowers, Butterfly host plant
3	Michalia champaca	Son Chapa	130	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
4	Mimusops elengi	Bakul	130	Shady tree, small white fragrant flowers
5	Anthocephallus cadamba	Kadam	125	Shady, large deciduous tree, fast growing graceful tree, ball shaped flowers
6	Saraca asoka	Sita Ashoka	150	Shady tree with red yellow flowers
7	Azadiracta indica	Neem	40	Large tree, good for roadside plantation
8	Magnifera indica	Mango	50	Fruits 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	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	M/s. Reliance Energy
	During Construction Phase: (Demand Load)	400 KW
	DG set as Power back-up during construction phase	2 nos. of 250 KVA
	During Operation phase (Connected load):	9134.80 KW
	During Operation phase (Demand load):	1861.44 KW
	Transformer:	3 nos. of 1000KVA
	DG set as Power back-up during operation phase:	2 nos of 500 KVA and 1 no of 380 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

- Energy saving by using LED light fixture.
- Energy saving by using solar system for common area light.
- Energy saving by using VVVF drive for lift.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy saving by using LED light fixture	36 %
2	Energy saving by using solar system for common area light	2.5
3	Energy saving by using VVVF drive for lift	35 %

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. 116 Lakhs
	O & M cost:	Rs. 6 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 and Noise	Site Barricading and Dust Control Measures	5

2	Water	Tanker Water For Construction and Waste Water Management	6
3	Solid waste	Construction Waste Management	4
4	Occupation Health and safety	Health Checkup of Workers, Disinfection at Site, First Aid Facility, Personal Protective Equipment	5
5	Environmental Monitoring	Air, Noise, Water, Biological	7

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment plant	1 no. of STP of capacity 700 kld and 1 no. of STP of capacity 400 kld	250	45
2	Rainwater harvesting system	6 nos. of recharge pits	30	3
3	Solid waste management	OWC, Manpower and colored dustbins	60	16
4	Green Belt Development	Landscaping and tree plantation	25	5
5	Energy Saving Measures	Energy saving by using LED light fixture, solar system for common area light and VVVF drive for lift.	116	6

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 no.

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	7,358.00 sq.mt.
	Area per car:	28.74 sq.mt.
	Area per car:	28.74 sq.mt.
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	256 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park - 3.46 km
	Category as per schedule of EIA Notification sheet	Schedule - 8a, Category - B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Representative of PP Mr. Rajan Patil executive engineer, MHADA was present during the meeting along with environmental consultant M/S Fine Envirotech Engineers.

PP informed that, the project under consideration is *proposed New MHADA Project. PP further stated that, t*he total plot area of the project is 1,99,215.00 Sq.mt having total construction area 94359.81Sq.mt.(FSI -73,904.16 Sq. mt. + NON FSI- 20,455.65 Sq. mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building No.3- EWS with 7 Wings namely, A, B, C, D, E, F, G In Plot A	Stilt + 23rd Floors	69.985
Building No.2- EWS with 4 Wings namely, A, B, C, D In Plot B	Stilt + 23rd Floors	69.985

It is noted that, there are existing structures on the plot which are observed in google images during presentation and these are not taken on record while planning the proposal. PP agreed to include those existing structures and accordingly change project profile.

DECISION OF SEAC

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Proposed Construction of Affordable LIG and EWS Mass Housing Scheme under Prime Minister Awas Yojana at S.No.13, Bhandarli Village, Tal and Dist. Thane.

Is a Violation Case: No

1.Name of Project	Proposed Construction of Affordable LIG and EWS Mass Housing Scheme under Prime Minister Awas Yojana
2.Type of institution	Government
3.Name of Project Proponent	KONKAN HOUSING AND AREA DEVELOPMENT BOARD, MUMBAI. (A MHADA UNIT)
4.Name of Consultant	Fine Envirotech Engineers
5.Type of project	MHADA
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No.13, Bhandarli Village, Tal and Dist. Thane.
9.Taluka	Thane
10.Village	Bhandarli
Correspondence Name:	KONKAN HOUSING AND AREA DEVELOPMENT BOARD, MUMBAI. (A MHADA UNIT)
Room Number:	NA
Floor:	Mezzanine Floor
Building Name:	MHADA, Griha Nirman Bhavan
Road/Street Name:	Ravaji Ganatra Marg
Locality:	Bandra (East)
City:	Mumbai
11.Area of the project	NAINA CIDCO
12.IOD/IOA/Concession/Plan Approval Number	Sanctioned Development Control and Promotion Regulations- Navi Mumbai Airport Influence Notified Area (NAINA) Approving Authority – SPA MHADA
	IOD/IOA/Concession/Plan Approval Number: Layout and BP Cell/PMAY/42/2019, Dated:22.02.2019
	Approved Built-up Area: 83319.65
13.Note on the initiated work (If applicable)	Work not yet started.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	51,348.99 sq.mt.
16.Deductions	22,186.1 sq.mt.
17.Net Plot area	29,162.89 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 83,319.65 sq.mt.
	b) Non FSI area (sq. m.): 2,561.54 sq.mt.
	c) Total BUA area (sq. m.): 85881.19
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 83,319.65 sq.mt.
	Approved Non FSI area (sq. m.): 2,561.54 sq.mt.
	Date of Approval: 22-02-2019
19.Total ground coverage (m2)	6,852.63 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	13.35 %
21.Estimated cost of the project	1596956676

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	LIG Building - 1 no.	Ground+ 14 Floors	44.25
2	EWS Buildings - 7 nos.	Ground+ 14 Floors	44.25

23.Number of tenants and shops	Total Residential Tenements - 1,746 nos.
24.Number of expected residents / users	Total Residents - 8,730 nos.
25.Tenant density per hectare	210 Ts per Hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	36.60 mt wide D.P. Road, 45 mt wide D.P. Road and 18.30 mt wide D.P. Road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Nil
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	CIDCO
	Fresh water (CMD):	786
	Recycled water - Flushing (CMD):	393
	Recycled water - Gardening (CMD):	25
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	1,204
	Fire fighting - Underground water tank(CMD):	550
	Fire fighting - Overhead water tank(CMD):	70
	Excess treated water	430
Wet season:	**Source of water**	CIDCO
	Fresh water (CMD):	786
	Recycled water - Flushing (CMD):	393
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	1,179
	Fire fighting - Underground water tank(CMD):	550
	Fire fighting - Overhead water tank(CMD):	70
	Excess treated water	455
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2 to 3 m below ground level
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5 nos.
	Size of recharge pits :	3m x 1.5m
	Budgetary allocation (Capital cost) :	Rs. 25 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 2.5 Lakhs/annum
	Details of UGT tanks if any :	Domestic water tank: 398 cum Flushing water tank: 199 cum Fire fighting water tank: 550 cum
35.Storm water drainage	**Natural water drainage pattern:**	Open Storm Water Drain with gratings on road
	Quantity of storm water:	0.37 m3/sec
	Size of SWD:	450 / 600mm Wide
Sewage and Waste water	**Sewage generation in KLD:**	943 kld
	STP technology:	MBBR technology
	Capacity of STP (CMD):	3 STP's of total capacity 1000 kld (STP1 of 400 kld, STP2 of 50 kld and STP3 of 550 kld)
	Location & area of the STP:	Location of STP: Ground and area of the STP: STP1 area -308.69 sq.mt., STP 2 area -198.54 sq.mt. and STP 3 area - 335.72 sq.mt.
	Budgetary allocation (Capital cost):	Rs. 250 Lakhs
	Budgetary allocation (O & M cost):	Rs. 45 Lakhs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated materials quantity : 20000 cu.m.
	Disposal of the construction waste debris:	Excavation materials 20000 cu.m shall be reused on site .
Waste generation in the operation Phase:	**Dry waste:**	1,746 kg/day
	Wet waste:	2,802 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	75 kg.
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Wastes will be handed over to authorized agency/recycler.
	Wet waste:	Waste will be process in Organic Waste Converter and compost will be used as manure for gardening.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure for gardening
	Others if any:	NA
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	70 sq.mt.
	Area for machinery:	50 sq.mt.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs.50 Lakhs
	O & M cost:	Rs. 13 Lakhs/annum

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
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 :**	4,947.05 sq.mt.
	No of trees to be cut :	NA
	Number of trees to be planted :	642 nos.
	List of proposed native trees :	Apta, Bhava, Son chapa, Bakul, Kadam, Sita Ashoka, Neem, Mango
	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	Bauhinia racemosa	Apta	120	Small tree with small white flowers, butterfly host plant
2	Cassia fistula	Bhava	100	Medium sized deciduous tree, beautiful yellow flowers, Butterfly host plant
3	Michalia champaca	Son Chapa	80	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
4	Mimusops elengi	Bakul	80	Shady tree, small white fragrant flowers
5	Anthocephallus cadamba	Kadam	80	Shady, large deciduous tree, fast growing graceful tree, ball shaped flowers
6	Saraca asoka	Sita Ashoka	120	Shady tree with red yellow flowers
7	Azadiracta indica	Neem	30	Large tree, good for roadside plantation
8	Magnifera indica	Mango	32	Fruits 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	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	500 KW
	DG set as Power back-up during construction phase	2 nos. of 250 KVA
	During Operation phase (Connected load):	4,624.92 KW
	During Operation phase (Demand load):	3,083.28 KW
	Transformer:	8 nos. of 630 kVA
	DG set as Power back-up during operation phase:	1No of 160 KVA, 1No of 125 KVA and 1No of 50 KVA.
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

- By using LED Tube light fittings instead of 28W T5 Tube light for Common Area.
- By using VVVF Drive For Lifts.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	By using LED Tube Light	36 %
2	By using VVVF Drive for Lift	35 %

50.Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 25 Lakhs
	O & M cost:	Rs. 2.5 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 and Noise	Site Barricading and Dust Control Measures	6
2	Water	Tanker Water For Construction and Waste Water Management	7
3	Solid Waste	Construction Waste Management	4

4	Occupation Health and safety	Health Checkup of Workers, Disinfection at Site, First Aid Facility, Personal Protective Equipment	5
5	Environmental Monitoring	Air, Noise, Water, Biological	8

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	3nos. of STP of capacity 1000 kld	250	45
2	Rainwater Harvesting System	5 nos. of Recharge Pits	25	2.5
3	Solid Waste Management	OWC, Manpower and colored dustbins	50	13
4	Green Belt Development	Landscaping and Tree Plantation	30	5
5	Energy Saving Measures	By using LED Tube light for Common area and VVVF Drive for Lift.	25	2.5

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 nos.

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	12,780 sq.mt.
	Area per car:	25.36 sq.mt.
	Area per car:	25.36 sq.mt.
	Number of 2-Wheelers as approved by competent authority:	71 nos.
	Number of 4-Wheelers as approved by competent authority:	504 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	12 m and 9 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Schedule - 8a, Category - B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

PP Mr. Madhav Kuksekar, CEO Kokan MHADA was present during the meeting along with environmental consultant M/s. Fine Envirotech Engineers.

PP informed that, the project under consideration is *proposed New MHADA project covered under PMAY. PP further stated that, t*he total plot area of the project is 51,348.99 Sq.mt. having total construction area 85881.19Sq.mt. (FSI - 83,319.65 sq.mt + NON FSI 2,561.54 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
LIG Building - 1 no.	Ground+ 14 Floors	44.25
EWS Buildings - 7 nos.	Ground+ 14 Floors	44.25

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

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

Specific Conditions by SEAC:

1) PP to submit clarification about the project covered in which phase of NAINA.
2) As 6 mtr village road is the only access road for the project, PP to submit detailed planning with timeline for 12 mtr access road. there is no any sewage network or storm water drainage network as no any DP road in the vicinity of project. PP to submit Time line for sewer line network, storm water network too.
3) PP to provide the circulatory movement of fire engine all around the building.
4) PP to submit undertaking that, there is no construction existing on plot. PP informed that the encroached structures which are seen in DILR map will be removed.
5) PP to abide by conditions stipulated in letter dated 29/04/2017 by GAIL, including no construction of road , 20 mtr on right side and 10 mtr on left side , PP to submit NOC from GAIL for widening access road.
6) PP to upload all typical floor plans including refugee floors.
7) PP to provide staircase from the fire prevention point of view, as per the NBC norms, 2016.
8) PP to submit fire NOC
9) PP to ensure that EWS building should be as per NBC norms.
10) PP to explore possibility of alternate method for car parking instead of Proposed Stack parking.
11) PP to relocate Electric Sub Station which was shown on village road. If not possible then, PP to obtain permission from Collector / Competent Authority for diversion of Village road.

FINAL RECOMMENDATION

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

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Proposed residential Building at Gut No. 188/1,3,4,7; 190/1,2,3; 192/1,2; 194/0; 195/2,3,5,6,7,8,9; 198/3,4,5,6,7; 200/1,2,3,4; 201/0; 202/2, Village- Shivkar, Taluka- Panvel, District- Raigad

Is a Violation Case: No

1.Name of Project	Proposed Residential Building
2.Type of institution	Private
3.Name of Project Proponent	Bhadresh Rajesh Shah
4.Name of Consultant	Building Environment India Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gut No. 188/1,3,4,7; 190/1,2,3; 192/1,2; 194/0; 195/2,3,5,6,7,8,9; 198/3,4,5,6,7; 200/1,2,3,4; 201/0; 202/2
9.Taluka	Panvel
10.Village	Village- Shivkar
Correspondence Name:	Today Micron Developers- Bhadresh Rajesh Shah
Room Number:	605
Floor:	--
Building Name:	Shelton Cubic
Road/Street Name:	Plot No. 87, Sector-15
Locality:	CBD Belapur
City:	Navi Mumbai
11.Area of the project	Panvel Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	--
	IOD/IOA/Concession/Plan Approval Number: --
	Approved Built-up Area: 27763.0974
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	--
15.Total Plot Area (sq. m.)	30470.00
16.Deductions	2625.158
17.Net Plot area	27844.842
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 13922.421
	b) Non FSI area (sq. m.): 13840.6764
	c) Total BUA area (sq. m.): 27763.0974
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 13922.421
	Approved Non FSI area (sq. m.): 13840.6764
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	--
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	--
21.Estimated cost of the project	351054296

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	07 Buildings + 1 EWS/LIG Building	--	--

23.Number of tenants and shops	450 Flats
24.Number of expected residents / users	2250
25.Tenant density per hectare	808.05
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	27 Mt. 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 Mt.
29.Existing structure (s) if any	Not Applicable
30.Details of the demolition with disposal (If applicable)	Not Applicable

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	NAINA
	Fresh water (CMD):	203.00
	Recycled water - Flushing (CMD):	101.00
	Recycled water - Gardening (CMD):	19.00
	Swimming pool make up (Cum):	0.00
	Total Water Requirement (CMD) :	323.00
	Fire fighting - Underground water tank(CMD):	--
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	127.00

Wet season:	**Source of water**	NAINA+ RWH
	Fresh water (CMD):	203.00
	Recycled water - Flushing (CMD):	101.00
	Recycled water - Gardening (CMD):	0.00
	Swimming pool make up (Cum):	0.00
	Total Water Requirement (CMD) :	304.00
	Fire fighting - Underground water tank(CMD):	--
	Fire fighting - Overhead water tank(CMD):	--
	Excess treated water	146.00
Details of Swimming pool (If any)	Not Applicable	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	--
	Size and no of RWH tank(s) and Quantity:	--
	Location of the RWH tank(s):	on Ground
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	--

35.Storm water drainage	**Natural water drainage pattern:**	The storm drainage above ground will essentially cater for the seasonal rains. The major part of discharge will be from the roof. The flat roof will have a general slope of 1 in 100 in the screed towards the periphery. Rain water outlets will be provided at the edges from where it will be carried down by UPVC agriculture pipes to discharge water into storm water entrance chambers below ground. The rainfall intensity considered for design is 100 mm per hour. The basement drainage will be through
	Quantity of storm water:	0.150 CuM/S
	Size of SWD:	Width of Drain Channel – 0.45 Mt. & Depth of Drain Channel – 0.60 Mt.
Sewage and Waste water	**Sewage generation in KLD:**	274
	STP technology:	Microfilteration technology based on KSQ Flat sheet membrane
	Capacity of STP (CMD):	1 STP of 280 KLD
	Location & area of the STP:	on ground
	Budgetary allocation (Capital cost):	--
	Budgetary allocation (O & M cost):	--
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated soil will be used in land leveling purpose &construction debris will be handed over to authorized agency.
	Disposal of the construction waste debris:	Construction debris will be handed over to Authorized agency.
Waste generation in the operation Phase:	**Dry waste:**	309.30 Kg/day
	Wet waste:	721.69 Kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	7.00 Kg/day
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	Handed over to authorized agency.
	Wet waste:	Composting through OWC & used at site/as manure.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as manure within the premises for plants. Excess shall be sold /handover to outside parties or gardens.
	Others if any:	Not Applicable
Area requirement:	**Location(s):**	On Ground
	Area for the storage of waste & other material:	30 Sq. Mt.
	Area for machinery:	30 Sq. Mt.

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	--
	O & M cost:	--

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

43.Green Belt Development	**Total RG area :**	3828.602 Sq.Mt.
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	350
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	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	Citrus sp.	Lemon	50	Butterfly host plant having high Air Pollution Index Tolerance (APIT) tree, small white fragrant flowers.
2	Nyctanthes arbor-tristis	Parijatak	50	Small deciduous fast growing tree, beautiful flowers.
3	Cassia fistula	Bahava	50	Medium sized deciduous tree Beautiful yellow flowers, Butterfly host plant.
4	Bauhiniaracemosa	Apta	50	Small tree with small white flowers, Butterfly host plant.
5	Saraca asoka	Sita Asoka	50	Shady tree with Red-Yellow Flowers.
6	Polyalthia longifolia	False Asoka	50	MedTree having high Air Pollution Index Tolerance (APIT) .
7	Areca spp.	Palm	50	Ornamental.
8	Michelliachampaca	Soanchaffa	50	Ornamental
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	100 kVA
	During Operation phase (Connected load):	2341.28 KW
	During Operation phase (Demand load):	2194.95 kVA
	Transformer:	3 Nos. of 1000 kVA
	DG set as Power back-up during operation phase:	1 no of 500 kVA DG Set
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

By using LED Light in Lift Lobbies
VFD by using Lift
Solar system

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	--	--

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:**	--
	O & M cost:	--

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	PPE	--	5.00
2	Site Sanitation Facility	--	4.0
3	Drinking water facility	--	2.0
4	Solid Waste Management	--	2.5
5	Safety railing, platform, ladder, hoist, Cranes etc.	--	6.0
6	House keeping	--	2.0
7	Health Check	--	1.0
8	Environmental Monitoring	--	1.5
9	Anti-rusting coating on foundation steel bars	--	5.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	--	--	--	--

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	--
	Total Parking area:	--
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	--
	Number of 4-Wheelers as approved by competent authority:	--
	Public Transport:	--
	Width of all Internal roads (m):	6 Mt.
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	--
	Category as per schedule of EIA Notification sheet	8 (a)
	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

Summorised in brief information of Project as below.

Brief information of the project by SEAC

DECISION OF SEAC

PP was absent; hence the project is deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Proposed Residential cum Commercial project on plot bearing CTS Nos. 3019, 3256, 3464 pt, 3466 pt, 3588 pt, 3592, 3598 pt, 3599 pt, 3657 to 3664, 3667 pt to 3669 pt, 3670 pt, 3671 to 3675, 3750 to 3756 at village:- Mire (Mahajanwadi); Tal & Dist – Thane by ZIRCON INFRASTRUCTURE LLP

Is a Violation Case: No

1.Name of Project	ZIRCON INFRASTRUCTURE LLP
2.Type of institution	Private
3.Name of Project Proponent	Mr. Aditya V Mirchandani
4.Name of Consultant	Dr. D. A. Patil, Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	On plot bearing CTS Nos. 3019, 3256, 3464 pt, 3466 pt, 3588 pt, 3592, 3598 pt, 3599 pt, 3657 to 3664, 3667 pt to 3669 pt, 3670 pt, 3671 to 3675, 3750 to 3756 at village:- Mire (Mahajanwadi); Tal & Dist – Thane by ZIRCON INFRASTRUCTURE LLP
9.Taluka	Thane
10.Village	Mire (Mahajanwadi)
Correspondence Name:	Zircon Infrastructure LLP
Room Number:	505/506
Floor:	5th
Building Name:	Shalimar morya park
Road/Street Name:	New Link Road
Locality:	-
City:	Andheri (W), Mumbai - 400053
11.Area of the project	Mira Bhayander Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	662/2018-19 DT: 04/05/2018
	IOD/IOA/Concession/Plan Approval Number: 662/2018-19 DT: 04/05/2018
	Approved Built-up Area: 6514.76
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.)	8673.43 m2
16.Deductions	1361.73 m2
17.Net Plot area	7311.7 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 19057.42 m2
	b) Non FSI area (sq. m.): 13114.57 m2
	c) Total BUA area (sq. m.): 32171.99
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 6,514.76 m2
	Approved Non FSI area (sq. m.): 5,006.41 m2
	Date of Approval: 04-05-2018
19.Total ground coverage (m2)	1,508.83 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.63 %
21.Estimated cost of the project	800000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	BLDG.NO-1(WING –A&B)	S+22 FLR.	69.95
2	BLDG.NO.-2	S+15 FLR.	48.95
3	BLDG.NO.-3(HALL)	G+1 FLR.	8.70

23.Number of tenants and shops	No of tenants: 455 Nos. Commercial Area: 284.90 m2 Club house: 163.56 m2
24.Number of expected residents / users	2314 Nos.
25.Tenant density per hectare	650/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 60 m wide DP Road (National Highway -8)
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	Defunct Godown will be demolished.
30.Details of the demolition with disposal (If applicable)	Total demolition disposal quantity is 100 m3

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
	Fresh water (CMD):	206
	Recycled water - Flushing (CMD):	103
	Recycled water - Gardening (CMD):	9
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	309
	Fire fighting - Underground water tank(CMD):	As per CFO NOC
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC
	Excess treated water	174
Wet season:	**Source of water**	MBMC
	Fresh water (CMD):	173
	Recycled water - Flushing (CMD):	103
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	309
	Fire fighting - Underground water tank(CMD):	As per CFO NOC
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC
	Excess treated water	183
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Ground water table at depth of 3 to 4 m
	Size and no of RWH tank(s) and Quantity:	Well is existing on site & same we will recharge with rainwater.
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	0.8 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 937.59 m3/hr
	Size of SWD:	450 mm x 600 mm wide internal SWD drains
Sewage and Waste water	**Sewage generation in KLD:**	288 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	1 STP of 300 KLD capacity
	Location & area of the STP:	Underground and Area of STP: 175 m2
	Budgetary allocation (Capital cost):	Rs.69 Lakh
	Budgetary allocation (O & M cost):	Rs. 16 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Construction debris: 975 m3
	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:**	687 kg/day
	Wet waste:	458 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	3 kg/day
	Others if any:	-

Mode of Disposal of waste:	**Dry waste:**	Dry garbage will be disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	Household E-waste generation
Area requirement:	**Location(s):**	On ground
	Area for the storage of waste & other material:	80 m2
	Area for machinery:	26 m2
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 28 Lakh
	O & M cost:	Rs. 11 Lakh/yr

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

43.Green Belt Development	**Total RG area :**	RG on Ground: 1720.40 m2
	No of trees to be cut :	Existing trees on site:14 Nos. Trees to be retained: 14 Nos
	Number of trees to be planted :	95 Nos.
	List of proposed native trees :	Given below
	Timeline for completion of plantation :	Within 2 years of completion of construction activity

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	ERYTHRINA INDICA	Pangara	10	As medicinal value, Bird and insect attractive.
2	LAGERSTROEMIA SPECIOSA	Tamhan	10	Edible, mature fruit as medicinal value, Bird and insect attractive
3	MIMUSOP ELENGI	Bakul	8	As medicinal value, Bird and insect attractive.
4	PONGAMIA PINNATA	Karanj	10	Valued for its oil and insect repellent, having medicinal value.
5	SARACA INDICA	Sita Ashok	6	As medicinal value, Bird and insect attractive
6	ANTHOCEPHALUS CADAMBA	Kadamba	10	Shady, large tree, ball shaped flowers.
7	BAUHINIA PURPUREA	Apta	8	Small tree with small white flowers, Butterfly host plant
8	EUGENIA JAMBOLANA	Jambul	8	Fruit tree attracting birds
9	MICHELIA CHAMPACA	Chafa	5	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
10	MILLINGTONIA HORTENSIS	Indian cork tree	5	Evergreen Tree
11	NYCTANTHES ARBOR TRISTIS	Parijat	10	Small deciduous fast growing tree, beautiful flowers.
12	POLYALTHIA LONGIFOLIA	Ashoka Tree	5	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	-	-	-

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	50 kVA
	DG set as Power back-up during construction phase	50 kVA
	During Operation phase (Connected load):	2.5 MW
	During Operation phase (Demand load):	1.4 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	250 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Solar PV Hot water to Residential Buildings, Solar Street lighting in landscape , common area passages

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	• Use of Energy Efficient Pumps & Motors for firefighting, UG Tanks and STP • Energy efficient lighting fixtures (LED lights) to buildings • Use of energy efficient lifts • Efficient wall systems like solid blocks with fly ash content • Natural shading through elevation features of chajjas to minimize heat gain and reduce air-conditioning requirement	22.56

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. 26 Lakh
	O & M cost:	Rs. 1.3 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	-	4
2	Site sanitation Facility and its maintenance	-	3

3	Potable Water Supply to Labour	-	3
4	Solid waste management	-	4
5	Disinfection	-	3
6	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	4
7	Traffic Management (Sign Boards, Persons, at entry exit and Parking area)	-	2
8	Safety nets	-	5
9	Safety Training to Workers (Twice in Year), Safety Officer	-	5
10	Environmental Monitoring	(As per the CPCB guidelines through MoEF&CC Approved laboratories – Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time)	2

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)	-	69	16
2	Solar System	-	26	1.3
3	Rainwater harvesting	-	-	0.8
4	Solid Waste Composting plant	-	28	11
5	Landscape	-	17	2
6	Environmental Monitoring	-	-	4

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	**Number and area of basement:**	No Basement
	Number and area of podia:	No Podium
	Total Parking area:	Total Parking Area = 1096.80 m2
	Area per car:	10.35 m2
	Area per car:	10.35 m2
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	94 Nos
	Public Transport:	-
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park : 250 m approx
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

PP Mr. Kishor Mirchandani was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engineers Pvt. Ltd.

PP informed that, the project under consideration is *proposed New Housing project. PP further stated that, t*he total plot area of the project is 8673.43 Sq.mt. having total construction area 32171.99Sq.mt.(FSI -19057.42 sq.mt +NON FSI- Total – 13114.57sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
BLDG.NO-1(WING –A&B)	S+22 FLR.	69.95
BLDG.NO.-2	S+15 FLR.	48.95
BLDG.NO.-3(HALL)	G+1 FLR.	8.70

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to revise day light analysis by achieving minimum 200 lux level in living room. PP to revise parking plans by removing stack parking.
2) As per the Hon'ble Supreme Court's Order, PP to Provide contiguous RG with minimum 7.5 m width on Mother Earth. To follows guidelines of Hon. Supreme court order in providing R.G
3) PP to submit undertaking to incorporate provision of clear 6 mtr + 6mtr drive way regarding right of way in sale deed after duly getting registered document from the adjoining plot awner about right of way from plot.
4) PP to submit & upload the design & cross section of STP indicating 40% area open to sky for adequate ventilation.
5) It is seen that, traffic on adjacent road is becoming "E" class due to present project. Therefore the project prima facie does not become feasible. PP to submit measures how the traffic will get improved.
6) PP to ensure ECBC norms are complied with.
7) PP to specify the purpose of proposed hall & submit the parking requirement accordingly.
8) 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 undertake under CER to be got approved from collector/ local body or Environment Department.
9) PP to revise parking plans by removing stack parking.

FINAL RECOMMENDATION

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

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Rassaz Greens at plot 369/ 1 pt& 5A; 370/2, 3, 4, 5, 6, 7; 371/5; 377/4 pt, 7pt, 8pt, 9, 10, 11, 12, & 13. Of village Goddev village, Taluka & District Thane by M/s. Rassaz infrastructure P.L.

Is a Violation Case: No

1.Name of Project	Rassaz Greens at Plot 369/ 1 pt& 5A; 370/2, 3, 4, 5, 6, 7; 371/5; 377/4 pt, 7pt,8pt,9, 10,11,12, & 13. Of village Goddev village, Taluka& District Thane by M/s. Rassaz infrastructure P.L.
2.Type of institution	Private
3.Name of Project Proponent	M/s. Rassaz infrastructure P.L
4.Name of Consultant	Mr. H.K. Desai.
5.Type of project	Residential cum 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	Not applicable
8.Location of the project	Plot 369/ 1 pt & 5A; 370/2, 3, 4, 5, 6, 7; 371/5; 377/4 pt, 7pt, 8pt, 9, 10,11,12, & 13 of village Goddev village, Taluka & District Thane.
9.Taluka	Thane
10.Village	Goddev
Correspondence Name:	Mr. Mueen Warsi
Room Number:	1401
Floor:	Fourteenth floor
Building Name:	Morya Bluemoon
Road/Street Name:	Off Link Road
Locality:	Andheri East
City:	Mumbai
11.Area of the project	Mira Bhayandar Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	yes
	IOD/IOA/Concession/Plan Approval Number: MB/MC/TP/2487 2014-15.
	Approved Built-up Area: 4166
13.Note on the initiated work (If applicable)	Type A building constructed of construction area 3182.97 sq m (FSI: 2231.48 sq m + Non FSI 951.49) and occupied before amalgamation of plot and now the size of plot has increased and the total construction area goes beyond 20,000 sq m which attracts Environmental clearance as per EIA Notification 2006.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	YES, IOD from MBMC.
15.Total Plot Area (sq. m.)	15238.64 sq. m
16.Deductions	Proposed DP road, Market and other Total: 2,527.30 sq. m
17.Net Plot area	12711.34 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 22198.87 sq m
	b) Non FSI area (sq. m.): 17969.79 sq m
	c) Total BUA area (sq. m.): 40168.6
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 3044.06 sq m
	Approved Non FSI area (sq. m.): 1122.09 sq m
	Date of Approval: 03-12-2014
19.Total ground coverage (m2)	6658 sq m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	52.37
21.Estimated cost of the project	1350000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Type A	Gr + podium + 10 floors, Constructed	35.30
2	Type B	Gr + podium + 10 floors	35.30
3	Type C	Gr + Podium+ 20 floors	63.80
4	Type D	Gr + Podium+ 20 floors	63.80
5	Type E	Gr + Podium+ 5 floors	21.05
6	Type F	Gr + Podium+ 1 floor	9.65
7	Type G	Gr + Podium+ 20 floors	63.80
8	Type H	St. + 7 floors	23.10
9	Commercial Hall A1, B1	Gr + Podium + 2 floors (pt)	14.90
10	Club House	Gr + 1 part floor	8.85
11	Bungalow	Gr. + 3 floors (pt)	12.30

23.Number of tenants and shops	Tenants: 390 Shops: 14, Offices: 14 Commercial A1, & B1: 7
24.Number of expected residents / users	Total: 2464 nos. RESIDENTIAL: 2117 nos. COMMERCIAL: 347 nos.
25.Tenant density per hectare	246 tenants / hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	18 m wide D. P Road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.0 m
29.Existing structure (s) if any	Type A building - Gr + Podium + 10 floors constructed of construction area 3182.97 sq m (FSI: 2231.48 sq m + Non FSI 951.49) and occupied; CC received before amalgamation of plot and now the size of plot have increased and the total construction area goes beyond 20,000 sq m which attracts Environmental clearance as per EIA Notification 2006 and Ground floor structure to be demolished.
30.Details of the demolition with disposal (If applicable)	Ground floor structure to be demolished and demolition quantity = 350 cu m

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 AND Recycled water
	Fresh water (CMD):	200 KLD
	Recycled water - Flushing (CMD):	108 KLD
	Recycled water - Gardening (CMD):	18 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	326 KLD
	Fire fighting - Underground water tank(CMD):	250 KLD
	Fire fighting - Overhead water tank(CMD):	130 KLD
	Excess treated water	223 KLD
Wet season:	**Source of water**	MBMC, Recycled water AND RWH
	Fresh water (CMD):	200 KLD
	Recycled water - Flushing (CMD):	108 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	308 KLD
	Fire fighting - Underground water tank(CMD):	250 KLD
	Fire fighting - Overhead water tank(CMD):	130 KLD
	Excess treated water	241 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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	6 m
	Size and no of RWH tank(s) and Quantity:	127 CUM and 2 nos.
	Location of the RWH tank(s):	Ground level
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 12 lakhs
	Budgetary allocation (O & M cost) :	Rs. 1 Lakh
	Details of UGT tanks if any :	10 nos.
35.Storm water drainage	**Natural water drainage pattern:**	Towards North EAST side
	Quantity of storm water:	0.35 m3/sec
	Size of SWD:	width: 0.9 m; depth: 0.4 m
Sewage and Waste water	**Sewage generation in KLD:**	268 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	270 KLD
	Location & area of the STP:	Ground & 170 sq m
	Budgetary allocation (Capital cost):	Rs 40 lakhs
	Budgetary allocation (O & M cost):	Rs. 7Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Sr. No. Particulars Quantity Units Management 1 Empty cement bags 16100 Nos. To be handed over to local recyclers 2 Steel 2.4 MT To be handed over to local recyclers 3 Aggregates 4.8 MT To be used as a layer for internal roads and building boundary wall. 4 Broken Tiles 600 Sq. mt. Waste tiles to be used as China mosaic for terraces. 5 Empty Paint Cans (20 litre / can) 6000 Nos. To be sold
	Disposal of the construction waste debris:	Empty cement bags to be handed over to local recyclers, Steel to be handed over to local recyclers, aggregates to be used for layering internal roads, Broken tiles to be used for terraces and empty paint cans to be sold.
Waste generation in the operation Phase:	**Dry waste:**	452 KG/DAY
	Wet waste:	784 KG/DAY
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	1.5 KG/DAY
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Will be handed over to Local Recyclers
	Wet waste:	Processed in 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):	Dry sludge will be used as manure.
	Others if any:	NA
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	55 sq m
	Area for machinery:	10 sq m
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 10 Lakhs
	O & M cost:	Rs. 3 Lakhs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		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 :**	Proposed R G area: 3182.82 SQ M; on ground: - 1907.28 sq m; first level: 1275.54 sq m (Podium)
	No of trees to be cut :	NA
	Number of trees to be planted :	161 NOS.
	List of proposed native trees :	AS GIVEN BELOW
	Timeline for completion of plantation :	BEFORE COMPLETION 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	Roystonea regia	Royal Palm	26	Ornamental
2	Phoenix sylvestris	Date Palm	20	Flowering
3	Mangifera indica	Mango	7	Tropical Flowering
4	Psidium guajava	Guava	6	Flowering
5	Spathodea campanulata	Fountain tree	10	Tropical Flowering
6	Peltophorum pterocarpum	Yellow Gulmohar	5	Tropical Flowering
7	Plumeria alba	Champa	76	Tropical Deciduous
8	Lagarstromea speciosa	Pride of India	11	Tropical
9	TOTAL NO.	-	161	-
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	Reliance Energy
	During Construction Phase: (Demand Load)	80 kW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	6412.43 kW
	During Operation phase (Demand load):	2643.13 kW
	Transformer:	3 X 1000 KVA
	DG set as Power back-up during operation phase:	1 X 650 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Savings due to street lighting on solar.
Savings due to timer / sensor.
Savings due to lamp (CFL/LED).

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total % Savings	18

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:**	32 lakhs
	O & M cost:	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 Pollution	Water Dust Suppression	1
2	Health and Safety	Site Sanitation	0.5
3	Environmental Monitoring	Environmental Monitoring	1.5
4	Health Safety	Disinfection	1
5	Good Health Practices	Health Check up	0.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH TANKS	12	1
2	Waste water management	STP	40	7
3	Solid waste management	OWC	10	3
4	Landscaping	GREEN BELT DEVELOPMENT	10	1.5
5	Energy conservation	Energy savings	32	2

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2 NOS.
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	1 no. and Area –1440 sq m
	Total Parking area:	3116.25 sq m
	Area per car:	32 sq m
	Area per car:	32 sq m
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	Required parking –222 nos. Proposed parking: 303 nos. (162in stilt and 141 in podium).
	Public Transport:	Mira Bhayandar Municipal Transport
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	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.	Yes
	Date of online submission	02-08-2018

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. Enviro Analysts & Engineers Pvt Ltd.

PP informed that, the project under consideration is *proposed New Residential Expansion Project. PP further stated that, t*he total plot area of the project is 15238.64 Sq.mt having total construction area 40168.6Sq.mt.(FSI - 22198.87 sq.mt +NON FSI- Total –17969.79 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Type A	Gr + podium + 10 floors, Constructed	35.30
Type B	Gr + podium + 10 floors	35.30
Type C	Gr + Podium+ 20 floors	63.80
Type D	Gr + Podium+ 20 floors	63.80
Type E	Gr + Podium+ 5 floors	21.05
Type F	Gr + Podium+ 1 floor	9.65
Type G	Gr + Podium+ 20 floors	63.80
Type H	St. + 7 floors	23.10
Commercial Hall A1, B1	Gr + Podium + 2 floors (pt)	14.90
Club House	Gr + 1 part floor	8.85
Bungalow	Gr. + 3 floors (pt)	12.30

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit revised Architect certificate addressed to committee.
2) PP to upload acknowledgement regarding plan submitted to local planning authority.
3) PP to upload fire NOC
4) PP to upload copy of DP remarks
5) PP to upload approved plan and completion certificate for Type A buildings
6) PP to upload copy of DCR regarding RG percentage provided on podium
7) PP to provide RG in contagious and not in patches.
8) PP to earmark 10% visitor parking.
9) PP to submit Swept path analysis.
10) PP to submit compliance to ECBC guidelines.
11) PP to provide ramp with Slope 1:12.
12) PP to revise EMP cost.
13) PP to submit CER of 1.5 % prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertake under CER to be got approved from collector/ local body or Environment Department

FINAL RECOMMENDATION

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

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Expansion of Slum Rehabilitation Scheme at Plot bearing C.S. No. 426, 427(pt), 431, 1/431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645(pt), 646(pt), 648(pt) 649 (pt), 650 (pt),651(pt), 654, 655(pt), 657(pt) 658(pt), 659(pt), 854,869,870,871 of Parel Sewri division & CS No. 155(pt), 174(pt), 176(pt), 1/177 ,185(pt), 1038, 1039 of Dadar Naigaon division.,F/South ward of MCGM. by M/s Omkar Realtors and Developers Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	Expansion of Slum Rehabilitation Scheme at Plot bearing C.S. No. 426, 427(pt), 431, 1/431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645(pt), 646(pt), 648(pt) 649 (pt), 650 (pt),651(pt), 654, 655(pt), 657(pt) 658(pt), 659(pt), 854,869,870,871 of Parel Sewri division & CS No. 155(pt), 174(pt), 176(pt), 1/177 ,185(pt), 1038, 1039 of Dadar Naigaon division.,F/South ward of MCGM. by M/s Omkar Realtors and Developers Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	M/s. Omkar Realtors and Developers Pvt. Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Slum Rehabilitation Scheme
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental clearance on 14th February 2019 vide No. SEIAA-EC-0000000682 for total construction area of 941746.21 sq.m.
8.Location of the project	C.S. No. 426, 427(pt), 1/431, 431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645(pt), 646(pt), 648(pt) 649 (pt), 650 (pt),651(pt), 654, 655(pt), 657(pt) 658(pt), 659(pt), 854,869,870,871 of Parel Sewri division & CS No. 155(pt), 174(pt), 176(pt), 1/177 ,185(pt), 1038, 1039 of Dadar Naigaon division.,F/South ward of MCGM.
9.Taluka	Mumbai
10.Village	Parel- Sewri Division & Dadar- Naigoan Division
Correspondence Name:	M/s Omkar Realtors and Developers Pvt. Ltd.
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	Off Eastern Express Highway, Opp. Sion-Chunnabhatti Signal
Locality:	Sion East
City:	Mumbai
11.Area of the project	Municipal Corporation of greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	Yes
	IOD/IOA/Concession/Plan Approval Number: SRA/ENG/1678/FS/ML&PL/LOI dtd 01 February 2019
	Approved Built-up Area: 394312.95
13.Note on the initiated work (If applicable)	Construction work is in process as per previous EC received dtd 14.02.2019
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI received vide letter no. SRA/ENG/1678/FS/ML&PL/LOI dtd 01 February 2019
15.Total Plot Area (sq. m.)	1,07,988.64 sq.m
16.Deductions	29,300.43 sq.m.
17.Net Plot area	78,688.21 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 489148.63 (Including Fungible FSI)
	b) Non FSI area (sq. m.): 722200.41 (Including temporary transit bldgs.)
	c) Total BUA area (sq. m.): 1211349.04
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 3,94,312.95
	Approved Non FSI area (sq. m.): 722200.41 sq.m
	Date of Approval: 01-02-2019

19.Total ground coverage (m2)	45204.42 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.44 %
21.Estimated cost of the project	22230000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Rehab Bldg no. 1: Wing A to C	Gr +23 Flrs	69.95
2	Rehab Bldg no. 1: Wing D to E	Gr +22 Flrs	68.45
3	Rehab Bldg no. 1: Wing F	Gr +22 Flrs	69.50
4	Rehab Bldg No.2	Gr +23 Flrs	69.75
5	Rehab Bldg No.3: Wing A to C	Basement (Services)+Gr + 40 floors	119.80
6	Rehab Bldg No.3: Wing D to G	Basement (Services)+Gr + 23 floors	69.70
7	Rehab Bldg No.4	Basement (Services)+Gr + 40 floors	119.05
8	Rehab Bldg No.5: Wing A & B	Basement (Services)+Gr + 40 floors	119.80
9	Sale Bldg no. 1: Wing I	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 54 Flrs	223.86
10	Sale Bldg no. 1: Wing J	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 54 Flrs	206.65
11	Sale Bldg no. 1: Wing K	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 49 Flrs	190.65
12	Sale Bldg no. 1: Wing L	4 Lower Grd Floor + Gr. Flr + 1st to 5th Podium+ Amenity Flr + 43 Flrs	171.45
13	Sale Bldg no. 1: Wing M	4 Lower Grd Floor + Gr. Flr + 1st to 5th Podium+ Amenity Flr + 41 Flrs	165.05
14	Sale Bldg no. 1: Wing N	4 Lower Grd Floor + Gr. Flr + 1st to 5th Podium+ Amenity Flr + 47 Flrs	184.25
15	Sale Bldg. No. 2	Ground + 20th (pt) Flrs	62.20
16	Composite Bldg No.1: Rehab Wings A, B & C	Gr + 23 Floors	69.85
17	Composite Bldg No.1: Sale Wing A & B	Part Basement+ Gr + 4 Podiums + 5th Amenity floors + 27 upper Flrs	111.00
18	Composite Bldg No.2 (Wing A to C)	B+Gr+2 Flrs	15.00
19	Composite Bldg No.2: School Bldg	G + 3 Flrs	15.00
20	Bhoiwada School Bldg.	G +5 Flrs	22.20
21	Sale Bldg No.4	2 Basements + Lower Ground +Ground floor +9 Podium + Stilt Floor + 1st to 62nd floor	231.20
22	Temporary Transit Bldgs. (1to 4)	Gr+7 upper Floor	20.95

23.Number of tenants and shops	Rehab: - 5993 nos. Sale:-3104 nos.
24.Number of expected residents / users	46316 nos
25.Tenant density per hectare	1157 tenant/hector
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Access through Jerabai wadia road 12.20 m wide & 13.40 m wide D.P road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m to 12 m
29.Existing structure (s) if any	Since it is an ongoing project there are under construction buildings on site.
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

Dry season:	**Source of water**	MCGM / treated water from STP
	Fresh water (CMD):	3999
	Recycled water - Flushing (CMD):	2034
	Recycled water - Gardening (CMD):	73
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	6106
	Fire fighting - Underground water tank(CMD):	Will be provided during EIA
	Fire fighting - Overhead water tank(CMD):	Will be provided during EIA
	Excess treated water	2860

Wet season:	**Source of water**	MCGM / treated water from STP/RWH
	Fresh water (CMD):	3999
	Recycled water - Flushing (CMD):	2034
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	6033
	Fire fighting - Underground water tank(CMD):	Will be provided during EIA
	Fire fighting - Overhead water tank(CMD):	Will be provided during EIA
	Excess treated water	2933
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	8.7 m to 9.5 m
	Size and no of RWH tank(s) and Quantity:	Will be provided during EIA
	Location of the RWH tank(s):	Below ground
	Quantity of recharge pits:	Nil
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Will be provided during EIA
	Budgetary allocation (O & M cost) :	Will be provided during EIA
	Details of UGT tanks if any :	-

35.Storm water drainage	**Natural water drainage pattern:**	Natural drainage pattern will be maintained
	Quantity of storm water:	Will be provided during EIA
	Size of SWD:	Will be provided during EIA

Sewage and Waste water	**Sewage generation in KLD:**	5464 KLD
	STP technology:	MBBR & SBR
	Capacity of STP (CMD):	5635 KLD
	Location & area of the STP:	Below Ground
	Budgetary allocation (Capital cost):	Will be provided during EIA
	Budgetary allocation (O & M cost):	Will be provided during EIA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated waste material generated will be reused for backfilling and rest shall be disposed by covered trucks to the authorized landfill sites with permission from Municipal authority.
	Disposal of the construction waste debris:	Used for filling the plot and maintaining natural slopes. Construction debris shall be used for temporary leveling of site and internal roads. Remaining debris will be disposed off as per debris management plan.
Waste generation in the operation Phase:	**Dry waste:**	9201 kg/day
	Wet waste:	13346 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	52 kg/day
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	To be handed over to Local Recyclers for recycling.
	Wet waste:	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as manure
	Others if any:	NA
Area requirement:	**Location(s):**	Ground level
	Area for the storage of waste & other material:	Will be provided during EIA
	Area for machinery:	Will be provided during EIA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Will be provided during EIA
	O & M cost:	Will be provided during EIA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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 :**	Layout & DP RG: Layout RG – 9659.16& DP RG: 8816.34 sq. m. RG on podium: 2755.92 sq.m
	No of trees to be cut :	7 nos.
	Number of trees to be planted :	482 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	Saraca asoca	Sita Ashok/ true Ashik	25	Evergreen tree
2	Azadirachta indica	Kadunimb	31	Medicinal Tree
3	Michelia champaca	Son-chafa	32	Flowering Plant
4	Gardenia jasminoides	Anant	20	Flowering plant
5	Mangifera indica	Mango	17	Fruit Tree
6	Ficus glomerata	Umber	24	Fruit Tree

7	Mimusops elengi	Bakul	25	Evergreen tree
8	Polyalthia longifolia	Ashok	20	Evergreen tree
9	Couroupita guianensis	Kailas-chafa	23	Flowering plant
10	Cocos nucifera	Coconut	18	Fruit Tree
11	Cynodon dactylon	Durva	28	grass
12	Wedelia sp.	Wedelia	30	Wedelia
13	Bauhinia purpurea	Bauhonia	25	Flowering plant
14	Plumeria alba	Chafa	35	Flowering plant
15	Psidium guajava	Guava/ Peru	31	Fruit Tree
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	Brihanmumbai Electric Supply and Transport (BEST)
	During Construction Phase: (Demand Load)	150 kW
	DG set as Power back-up during construction phase	200 kVA
	During Operation phase (Connected load):	Will be provided during EIA
	During Operation phase (Demand load):	Will be provided during EIA
	Transformer:	Will be provided during EIA
	DG set as Power back-up during operation phase:	Will be provided during EIA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Yes

48.Energy saving by non-conventional method:

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

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving for the proposed building	Will be provided during EIA

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:**	Will be provided during EIA
	O & M cost:	Will be provided during EIA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	EHS	Toilets for labour + drinking water + first aid arrangement	11.00
2	Health and Safety of Laborers	Health, safety & first aid facility	15.00
3	Environmental Monitoring	Environmental Monitoring	1.00
4	Environmental Monitoring Cell	Environmental Monitoring Cell	1.00
5	Environmental Monitoring (Noise, Water & Soil-Project site (4 times a year)	Environmental Monitoring (Noise, Water & Soil-Project site (4 times a year)	20.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Environment	Rain Water Harvesting	Will be provided during EIA	Will be provided during EIA
2	Water Environment	STP	Will be provided during EIA	Will be provided during EIA
3	Energy	Solar System	Will be provided during EIA	Will be provided during EIA
4	Solid Waste Management	OWC	Will be provided during EIA	Will be provided during EIA
5	Land Environment	Landscaping	Will be provided during EIA	Will be provided during EIA

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The project site is accessible through the existing 24.38 m wide Jerabai wadia road & 12.00 mw ide DP road
Parking details:	**Number and area of basement:**	Total 9 Nos of basement/ Lower Ground in all the buildings of the layout with a total area of 65583.11 sq.mt.
	Number and area of podia:	Total 18 Nos of Podium in all the buildings of the layout with a total area of 157189.56 sq.mt
	Total Parking area:	151512.42 sq.m
	Area per car:	31.23 sq.m
	Area per car:	31.23 sq.m
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	4851
	Public Transport:	NA
	Width of all Internal roads (m):	Minimum 6 m wide
	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	Schedule 8(b), Category B
	Court cases pending if any	NA
	Other Relevant Informations	The details provided are as per the full potential of the project anticipating future expansion.
	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. Enviro Analysts and Engineers Pvt. Ltd.

PP informed that, the project under consideration is proposed Slum Rehabilitation Scheme. PP *further stated that, t*he total plot area of the project is 107988 Sq.mt. having total construction area 11,05,824.21 Sq.mt. (FSI – 414749.13 Sq.mt. +NON FSI-691075.08Sq.mt.)

PP stated that, the project earlier received EC vide letter dated 14/2/2019 for total built up area 941746.21 Sq.mt.

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

DECISION OF SEAC

Committee approved the ToR with following observations & additions, which is valid upto 26/3/2022. EIA will be apprised as & when submitted. Meanwhile PP should comply following points.

Specific Conditions by SEAC:

1) PP to submit the both judgement orders regarding reduction of RG reservation from 100% to 35%.
2) PP to submit the comparative statement regarding baseline data, EIA & proposed expansion.
3) PP to submit the HRC NoC.
4) PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.
5) PP to ensure ECBC norms are complied.
6) PP to retain the fire checks floor as per earlier EC, if there is any change proposed, PP to obtain CFO NoC first.
7) PP to submit the dated Architect certificate addressed to committee regarding building-wise construction done on site as per earlier EC
8) PP to ensure that, the fire tender movement should be from all around the building.
9) PP to submit & upload the design & cross section of STPs indicating 40% area open to sky for adequate ventilation.
10) 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.
11) 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.

Agenda of 93rd Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 93 **Meeting Date** March 25, 2019

Subject: Environment Clearance for Proposed expansion of Runwal Greens a residential cum commercial project at plot bearing CTS No. 681/ A7, 681/A8, 681/A9 of village Nahur at Mulund Goregaon Link Road. Bhandup W Mumbai. By M/s. Propel Developers P L

Is a Violation Case: No

1.Name of Project	Proposed expansion of Runwal Greens a residential cum commercial project at plot bearing CTS No. 681/ A7, 681/A8, 681/A9 of village Nahur at Mulund Goregaon Link Road. Bhandup W Mumbai. By M/s. Propel Developers P L
2.Type of institution	Private
3.Name of Project Proponent	M/s, Propel Developers P L
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
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 dated 4th Feb 2013 vide SEAC 3511/CR- 989/TC – 2 for total construction area 5,32,747.60 sq m
8.Location of the project	CTS No. 681/ A7, 681/A8, 681/A9 of village Nahur at Mulund Goregaon Link Road. Bhandup W Mumbai.
9.Taluka	Kurla
10.Village	Nahur
Correspondence Name:	M/s. Propel Developers P L
Room Number:	-
Floor:	5th floor
Building Name:	Runwal & Omkar E square
Road/Street Name:	Off Eastern Express Highway
Locality:	Opp. Sion Chunabatti Signal, Sion (E)
City:	Mumbai 400022.
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	approval received
	IOD/IOA/Concession/Plan Approval Number: BUILDING NO. 1 file no : CE/469/BPES/AS , BUILDING NO. 2 file no. CHE/ES/4261/S/337(NEW), Temple - CHE /ES/2396/S/33
	Approved Built-up Area: 197310
13.Note on the initiated work (If applicable)	For Tower A, Tower B, Tower C, Tower D full OC received and for Tower E, Tower F, Tower G, Tower H part OC received.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	BUILDING NO. 1 file no : CE/469/BPES/AS, BUILDING NO. 2 file no. CHE/ES/4261/S/337(NEW), Temple - CHE /ES/2396/S/33
15.Total Plot Area (sq. m.)	82,054.60
16.Deductions	• Set back (Mulund Goregaon Link Road): 2517.30 sq m • Set back (18.30 m Road): 5692.00 sq m • Any reservation (Hospital RH 1.2 as per 2034): 10556.00 (25% AMENITY OPEN SPACE REQUIRED OF SUB PLOT B = 18502.07 SQ.MT & 5% AMENITY OPEN SPACE REQUIRED OF SUB PLOT D & E = 262.86 SQ.MT TOTAL AMENITY OPEN SPACE REQUIRED = 18764.93 SQ.MT. AREA OF ROAD RESERVATION TO ADJUSTED AGAINST AMENITY SPACE IS 8209.30 SQ.MTS, Additional amenity open space proposed: 10556.00 sq m Total (a + b + c = 18765.
17.Net Plot area	60,005.18 sq m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 2,77,822.96
	b) Non FSI area (sq. m.): 408702.34
	c) Total BUA area (sq. m.): 686525.30
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 1,97,310
	Approved Non FSI area (sq. m.): 313760.26
	Date of Approval: 28-06-2018
19.Total ground coverage (m2)	33524.13

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	52.97 %
21.Estimated cost of the project	15400000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Tower A	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
2	Tower B	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
3	Tower C	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
4	Tower D	2B+ Gr + upper Gr + 3P + Stilt +38 Floors+ 2 FC Floor	152.60
5	Tower E	2B+ Gr + upper Gr + 3P + Stilt + 41 Floors+ 2 FC Floor	162.65
6	Tower F	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
7	Tower G	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
8	Tower H	2B+ Gr + upper Gr + 3P + Stilt + 40 Floors+ 2 FC Floor	159.30
9	Tower 1	4B + Gr + 9P + 2 amenity floors + 1st to 54 floors.	217.40
10	Tower 2	4B + Gr + 9P + 2 amenity floors + 1st to 54 floors.	217.40
11	Tower 3	4B + Gr + 9P + 2 amenity floors + 1st to 54 floors.	217.40
12	Tower 4	4B + Gr + 9P + 2 amenity floors + 1st to 54 floors.	217.40
13	Tower 5	4B + Gr + 9P + 2 amenity floors + 1st to 54 floors.	217.40

23.Number of tenants and shops	Existing Residential : 1538, Proposed Residential (Tower 1 – 5): 1106 nos. Total: 2644 nos. Shops: 152 nos.
24.Number of expected residents / users	Existing Residential:13, 541 nos., Proposed Residential: 5530 nos. total: 19071 nos.
25.Tenant density per hectare	322
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	45.7 m Mulund Goregaon Link 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	Tower A, B, C, D full OC received, E, F, G, H part OC received
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	MCGM, Recycled water
	Fresh water (CMD):	1445 KLD
	Recycled water - Flushing (CMD):	946 KLD
	Recycled water - Gardening (CMD):	200 KLD
	Swimming pool make up (Cum):	10 cum
	Total Water Requirement (CMD) :	2591 KLD
	Fire fighting - Underground water tank(CMD):	1300 cum
	Fire fighting - Overhead water tank(CMD):	30 cum + 10 cum @alternate refugee floors
	Excess treated water	627 KLD
Wet season:	**Source of water**	MCGM, Recycled water, RWH
	Fresh water (CMD):	1445 KLD
	Recycled water - Flushing (CMD):	946 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	10 cum
	Total Water Requirement (CMD) :	2391 KLD
	Fire fighting - Underground water tank(CMD):	1300 cum
	Fire fighting - Overhead water tank(CMD):	30 cum + 10 cum @alternate refugee floors
	Excess treated water	827 KLD
Details of Swimming pool (If any)	10 cum	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	2.3 – 4 m
	Size and no of RWH tank(s) and Quantity:	320 cum & 4 nos.
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	Existing 19 nos.
	Size of recharge pits :	150 mm
	Budgetary allocation (Capital cost) :	Shall be examined during EIA
	Budgetary allocation (O & M cost) :	Shall be examined during EIA
	Details of UGT tanks if any :	Shall be examined during EIA
35.Storm water drainage	**Natural water drainage pattern:**	Shall be examined during EIA
	Quantity of storm water:	Shall be examined during EIA
	Size of SWD:	Shall be examined during EIA
Sewage and Waste water	**Sewage generation in KLD:**	1991 KLD
	STP technology:	SAFF
	Capacity of STP (CMD):	STP 1 for Towers 1, 2, 3 & 8: 625 KLD ; STP 2 for Towers 4, 5, 6, 7 & club house: 520KLD ; STP 3 for Retail: 105 KLD ; STP 4 for GCP: 50 KLD, Proposed STP: 750 KLD
	Location & area of the STP:	Shall be examined during EIA
	Budgetary allocation (Capital cost):	Shall be examined during EIA
	Budgetary allocation (O & M cost):	Shall be studied during EIA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated material, top soil road filling material.
	Disposal of the construction waste debris:	It will be used.
Waste generation in the operation Phase:	**Dry waste:**	2678 kg/day
	Wet waste:	3927 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Shall be examined during EIA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Will be handed over to recyclers.
	Wet waste:	Biodegradable waste will be processed in OWC and manure so obtained will be used for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	will be used as manure
	Others if any:	NA
Area requirement:	**Location(s):**	Shall be examined during EIA
	Area for the storage of waste & other material:	Shall be examined during EIA
	Area for machinery:	Shall be examined during EIA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Shall be examined during EIA
	O & M cost:	Shall be examined during EIA

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

43.Green Belt Development	**Total RG area :**	15713.37 sq m
	No of trees to be cut :	NA
	Number of trees to be planted :	1396 trees, Shrubs 778 on podium, 118 nos along plot boundary
	List of proposed native trees :	As given below
	Timeline for completion of plantation :	Before Completion of project

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Shall be examined during EIA	Shall be examined during EIA	Shall be examined during EIA	Shall be examined during EIA
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	Shall be examined during EIA	Shall be examined during EIA	Shall be examined during EIA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	80kW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	14580 kW
	During Operation phase (Demand load):	Existing: 15 MVA; Proposed: 6268 kW
	Transformer:	as per requirement
	DG set as Power back-up during operation phase:	Residential: 2 x 1500 KVA, GCP: 1 x 1500 KVA Retail: 1 x 500 KVA. Proposed 1200 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Shall be examined during EIA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total % Savings	Shall be examined during EIA

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:**	Shall be examined during EIA
	O & M cost:	Shall be examined during EIA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

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	RHW	Shall be examined during EIA	Shall be examined during EIA
2	Water Environment	STP	Shall be examined during EIA	Shall be examined during EIA
3	Solid waste management	OWC	Shall be examined during EIA	Shall be examined during EIA
4	Energy conservation	Solar saving	Shall be examined during EIA	Shall be examined during EIA
5	Landscaping	Green Belt Development	Shall be examined during EIA	Shall be examined during EIA

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	3 vehicular entries/ exits
Parking details:	**Number and area of basement:**	2 Basement for Tower A, B, C, D, E, F, G, H & 4 basements for Tower 1, 2, 3, 4, 5
	Number and area of podia:	3 Podium: for Tower A, B, C, D, E, F, G, H & 9 Podium: for Tower 1, 2, 3, 4, 5.
	Total Parking area:	-
	Area per car:	-
	Area per car:	-
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	Residential 4W: 3583 nos. For proposed residential 4W: 3502 nos. GCP 4W: 1552 nos. GCP Trucks: 117 nos.
	Public Transport:	Mulund Goregaon Link Road
	Width of all Internal roads (m):	12 m, 9m, 6m wide internal road.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park (1.77 Km)
	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.	Yes
	Date of online submission	07-12-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

It is noted that, the proposal was partly appraised in 92nd meeting and considering the scope of the project & time constraint, Committee, in that meeting, decided to consider the project in the next meeting. Accordingly, Proposal taken up in this meeting.

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

PP informed that, the project under consideration is expansion of residential cum commercial project. PP further stated that, the total plot area of the project is 82,054.60 Sq.mt having total construction area 7,01,348.41Sq. mt. (FSI - 274398.55 Sq.mt + NON FSI- 426949.86 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Tower A	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
Tower B	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
Tower C	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
Tower D	2B+ Gr + upper Gr + 3P + Stilt +38 Floors+ 2 FC Floor	152.60
Tower E	2B+ Gr + upper Gr + 3P + Stilt + 41 Floors+ 2 FC Floor	162.65
Tower F	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
Tower G	2B+ Gr + upper Gr + 3P + Stilt +36 Floors+ 1 FC Floor	144.10
Tower H	2B+ Gr + upper Gr + 3P + Stilt + 40 Floors+ 2 FC Floor	159.30
Tower 1	5B + Gr + 9P + 2 amenity floors + 1st to 54 floors**+ 2 service floors**.	214.10
Tower 2	5B + Gr + 9P + 2 amenity floors + 1st to 54 floors**+ 2 service floors**.	214.10
Tower 3	5B + Gr + 9P + 2 amenity floors + 1st to 54 floors**+ 2 service floors**.	214.10
Tower 4	5B + Gr + 9P + 2 amenity floors + 1st to 54 floors**+ 2 service floors**.	214.10
Tower 5	5B + Gr + 9P + 2 amenity floors + 1st to 54 floors**+ 2 service floors**.	214.10

PP further stated that, the project has received previous EC vide letter dated 4th Feb 2013 for the total construction area of 5,32,747.60sqmt. PP informed that, there were 8 nos. of towers proposed as per earlier EC. PP further informed that, the works of all the towers have been completed &Tower A to D (4 nos.) has also received occupation certificate and for Tower E to H (4 nos.) part occupation is granted by local planning authority i.e MCGM.

PP stated that, now the proposed expansion is due to increase in FSI area as there is revision in the MCGM's amenity plot policy. PP stated that, the total plot area 8209.30 Sq.mt received back from local authority which was earlier handed over to them as reservation. PP further stated that, the proposed expansion comprises of additional 5 residential buildings viz Tower 1, Tower 2, Tower 3, Tower 4 & Tower 5 with configuration of 5B + Gr + 9P + 2 amenity floors + 1st to 54 floors + 2 service floors with height of 214.10 m on the side plot.

It is noted that the project earlier considered in 84thSEAC-2 Meeting held on 07-01-2019 and ToR was granted for the same.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to restrict height of the buildings as per Civil aviation NoC.
2) PP to submit the HRC NoC.
3) PP to submit CFO NoC
4) PP to follow requisite norms for storage of diesel for DG set.
5) PP to explore possibilities of more reuse of treated waste water.
6) PP to increase the energy saving by solar energy from 1% to 2%
7) PP to explore symbiotic landscape to reduce heat island effect.
8) PP to submit CER of 0.25 % prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertake under CER to be got approved from collector/ local body or Environment Department.

FINAL RECOMMENDATION

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