Agenda of 104th Day-1 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 **Meeting Date** June 26, 2019

Subject: Environment Clearance for Proposed Residential Project at C.T.S.NO.827A/4C/1 & 2 AT MALAD -EAST, MUMBAI

Is a Violation Case: No

1.Name of Project	FERANI HOTELS PVT. LTD.
2.Type of institution	Private
3.Name of Project Proponent	Shri. D. D. Bhagwat; FERANI HOTELS PVT. LTD.
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Residential Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	C.T.S.NO.827A/4C/1 & 2 AT MALAD -EAST.MUMBAI
9.Taluka	Borivali
10.Village	Malad
Correspondence Name:	Shri. D. D. Bhagwat
Room Number:	623
Floor:	Second Floor
Building Name:	Construction House - B
Road/Street Name:	Linking Road
Locality:	Opposite Khar Telephone Exchange, Khar
City:	Mumbai - 400052
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (MCGM)
12.IOD/IOA/Concession/Plan Approval Number	IOD obtained
	IOD/IOA/Concession/Plan Approval Number: EE/CE/5054 BP/WS/AP DT 17.04.1997; AMENDED PLAN APPROVED DT 26.04.2000
	Approved Built-up Area: 3556.02
13.Note on the initiated work (If applicable)	-
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	19,231.60 m2
16.Deductions	5217.56 m2
17.Net Plot area	14,014.04 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 44,831.62
	b) Non FSI area (sq. m.): 25,064.94
	c) Total BUA area (sq. m.): 69896.56
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 3556.02
	Approved Non FSI area (sq. m.):
	Date of Approval: 26-04-2000
19.Total ground coverage (m2)	6696.31
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	47%
21.Estimated cost of the project	1930000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 RESIDENTIAL BUILDING	Basement (pt) + Stilt + 2 Podium+27 Upper Floors	93.75

23.Number of tenants and shops	Flats: 1066 Nos.
24.Number of expected residents / users	5330 Nos.
25.Tenant density per hectare	385
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 accessible by 36.6 m wide Reservoir Road off General Arun Kumar Vaidya Marg from West side and 18.30 m wide road from North and East side
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	-
30.Details of the demolition with disposal (If applicable)	-

31.Production Details

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

32.Total Water Requirement

Dry season:	Source of water	MCGM
	Fresh water (CMD):	480
	Recycled water - Flushing (CMD):	240
	Recycled water - Gardening (CMD):	18
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	720
	Fire fighting - Underground water tank(CMD):	AS PER NBC
	Fire fighting - Overhead water tank(CMD):	AS PER NBC
	Excess treated water	407
Wet season:	Source of water	MCGM
	Fresh water (CMD):	450
	Recycled water - Flushing (CMD):	240
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	720
	Fire fighting - Underground water tank(CMD):	AS PER NBC
	Fire fighting - Overhead water tank(CMD):	AS PER NBC
	Excess treated water	425
Details of Swimming pool (If any)	-	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	-	-	-	-	-	-	-	-	-

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	4 - 5 m
	Size and no of RWH tank(s) and Quantity:	1 RWH Tanks with total 60 KL capacity
	Location of the RWH tank(s):	Below Basement
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	13.8 Lakh
	Budgetary allocation (O & M cost) :	1.4 Lakh/yr
	Details of UGT tanks if any :	Under Ground Tanks are provided
35.Storm water drainage	**Natural water drainage pattern:**	Towards South Side
	Quantity of storm water:	2090 m3/hr
	Size of SWD:	600 mm wide channel
Sewage and Waste water	**Sewage generation in KLD:**	672
	STP technology:	MBBR
	Capacity of STP (CMD):	1STP of 750 KLD capacity
	Location & area of the STP:	Location: Below Basement
	Budgetary allocation (Capital cost):	150 Lakh
	Budgetary allocation (O & M cost):	30 Lakh/yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Construction debris : 2030 m3
	Disposal of the construction waste debris:	The construction debris will be utilized at site for Road Paving
Waste generation in the operation Phase:	**Dry waste:**	1066 kg/d
	Wet waste:	1599 kg/d
	Hazardous waste:	-
	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	7 KLD
	Others if any:	-

Mode of Disposal of waste:	**Dry waste:**	Dry garbage will be disposed off to authorized recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting unit and will be 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:	-
Area requirement:	**Location(s):**	Ground Floor
	Area for the storage of waste & other material:	125 m2
	Area for machinery:	56 m2
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	80 Lakh
	O & M cost:	32 Lakh

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	-	-	-	-	-

Amount of effluent generation (CMD):	-
Capacity of the ETP:	-
Amount of treated effluent recycled :	-
Amount of water send to the CETP:	-
Membership of CETP (if require):	-
Note on ETP technology to be used	-
Disposal of the ETP sludge	-

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

43.Green Belt Development	**Total RG area :**	3,622.67 m2
	No of trees to be cut :	-
	Number of trees to be planted :	New Trees to be planted: 150 Nos.
	List of proposed native trees :	As mentioned below
	Timeline for completion of plantation :	Trees will be planted after completeion of construction work

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	AZADIRACHTA INDICA	NEEM	11	Semi-evergreen tree with medicinal value
2	ALBIZIA LEBBECK	SHIRISH	21	Shady tree, yellowish green fragrant flowers
3	ALSTONIA SCHOLARIS	SAPTAPARN	13	Shady, large evergreen Tree, white fragrant flowers
4	BAUHINEA PURPUREA	KANCHAN	9	Shady tree
5	ERYTHRINA INDICA	PANGARA	12	Medium sized deciduous tree. Bright scarlet flowers.
6	CASSIA FISTULA	BAHAVA	7	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
7	PONGAMIA PINNATA / GLABRA	KARANJ	10	Shady Tree
8	MIMOSUPS ELENGII	BAKUL	6	Shady tree, small white fragrant flowers
9	PLUMERIA ALBA	CHAPHA	11	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
10	ANTHOCEPHALLUS CADAMBA	KADAMB	15	Shady, large deciduous tree, fastgrowing graceful tree, ball shaped flowers.
11	MILLINGTONIA HORTENSIS	INDIAN CORK TREE	12	Shady Tree
12	LAGERSTROEMIA FLOS-REGINEAE	TAMHAN	8	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
13	MILICIA EXCELSA	KHAYA	10	Medium sized decidous tree
14	SYZYGIUM CUMINI	JAMUN	5	Shady tree, white juicy fruit
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 :**	Adani Electricity
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	500 kVA
	During Operation phase (Connected load):	3.5 MW
	During Operation phase (Demand load):	2.2 MW
	Transformer:	-
	DG set as Power back-up during operation phase:	375 kVA (3 X 125 kVA)
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

- Energy efficient lighting using LED
- Use of high energy efficient pumps for fire fighting, UG tanks and STP
- Solar Street lights are proposed for common areas such as open spaces, pathways, RG etc.
- Solar hot water will be provided

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	25 Lakh
	O & M cost:	1.3 Lakh/yr

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water spray for dust suppression	-	3
2	Site sanitation and potable water supply to labour	-	8

3	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories – Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time	4
4	Health check up and first aid	-	4
5	Safety personal protective equipment	(Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	10
6	Traffic Management	(Sign Boards, Persons at entry exit and Parking area)	3
7	Safety Nets	-	20
8	Storm water Management	SWD along plot boundary	3
9	Tyre cleaning and Vehicle maintenance	-	3
10	Safety Training to Workers, Safety Officer	-	7
11	Disinfection	-	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)	Continuous O & M	150	30
2	Solar System	Weekly	25	1.3
3	Rain Water Harvesting	During Rainy season	13.8	1.4
4	Solid waste composting	Continuous O & M	80	32
5	Landscape	Daily	31.3	4.7
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratory	-	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
-	-	-	-	-	-	-	-

52.Any Other Information

No Information Available

53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	-
Parking details:	**Number and area of basement:**	1 part basement with 1376.06 m2 area
	Number and area of podia:	Podium 1 with 5652.08 m2 area ; Podium 2 with 2071.18 m2 area
	Total Parking area:	Gross parking area: 13,375.34 m2
	Area per car:	-
	Area per car:	-
	Number of 2-Wheelers as approved by competent authority:	20 Nos.
	Number of 4-Wheelers as approved by competent authority:	292 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	6m - 9m driveways
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Permission is received from SGNP Eco Sensitive Zone Monitoring Committee vide letter No. DESK/1/20/LND/ESZ/3928 OF 2018-19 DT. 01.11.2018
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Bombay High Court. Suit No. 1628 of 2008. The only orders relevant to the proposed are the order dated 19.07.2012 disposing of Appeal Nos. 817 of 2010 and 806 of 2010 in the said Suit; there is no restriction on the development which is being carried on / is to be carried on by the Applicant on the said land.
	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. D.D Bhagwat 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 residential project. PP further stated that, t*he total plot area of the project is 19,231.60Sq.mt. having total construction area 69896.56 Sq.mt. (FSI - 44,831.62 sq.mt + NON FSI- 25,064. sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
1 RESIDENTIAL BUILDING	Basement (pt) + Stilt + 2 Podium+27 Upper Floors	93.75

It is noted that the project earlier considered in 100th SEAC-2 Meeting held on 20-05-2019) & deferred with observations namely 1) to superimpose layout plan of project on ESZ map of Sanjay Gandhi National park to verify the distance of project site from ESZ. 2) to submit the copy of CFO NoC. 3) to ensure that size of flats should be maintained as per affordable housing norms mentioned in MCGM approvals. 4) to submit the revised detail RG area calculations (required RG & Provided RG) 5) to submit the copy of Petition & copies of order passed time to time along with current status with respect to appeal no 817, 806 of 2010 & Bombay High Court. Suit No. 1628 of 2008. 6) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC. 7) to submit CER of 1.5% prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area, as identified by Environment Department. Accordingly, PP submitted the compliance which was taken on record.

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

DECISION OF SEAC

record.

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 upload the copy of approved plan.
2) PP to upload the copy of CFO NoC.
3) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
4) PP to abide the all orders issued time to time by Hon. Court with respect to the project.
5) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

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

Agenda of 104th Day-1 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 **Meeting Date** June 26, 2019

Subject: Environment Clearance for Expansion of Proposed Amalgamation of SRA Scheme 33(11) On Property bearing C.T.S No. 401, 402, 415 to 438 & 395,396,397,398. of Village Bandra,H ward, S.V.Road,Santacruz (w),Mumbai by M/s Sumer Buildcorp Pvt Ltd

Is a Violation Case: No

1.Name of Project	Expansion of Proposed Amalgamation of SRA Scheme 33(11) by M/s Sumer Buildcorp Pvt Ltd
2.Type of institution	Private
3.Name of Project Proponent	M/s Sumer Buildcorp Pvt Ltd.
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	SRA Scheme 33(11)
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received vide letter no.SEAC 2013/CR-124/TC-2 dated 14.05.2013 for construction area 1,15,610.18 sqm
8.Location of the project	Property bearing C.T.S No. 401, 402, 415 to 438 & 395,396,397,398. of Village Bandra,H ward, S.V.Road,Santacruz (w),Mumbai
9.Taluka	Santacruz
10.Village	Santacruz
Correspondence Name:	M/s. Sumer Buildcorp Pvt Ltd
Room Number:	203
Floor:	2nd floor
Building Name:	Peninsula Corporate Park
Road/Street Name:	Ganpatrao Kadam Marg
Locality:	Lower Parel
City:	Mumbai
11.Whether in Corporation / Municipal / other area	(MCGM) Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	IOA received form SRA
	IOD/IOA/Concession/Plan Approval Number: IOA received vide letter no. SRA/DDTP/666/HW/PL/AP dated 22.05.2017
	Approved Built-up Area: 169207.74
13.Note on the initiated work (If applicable)	16,550.00 sqm of total construction area is constructed on site.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI received from SRA vide letter no. SRA/DDTP/220/HW/PL/LOI dated 09.05.2017 ,CC Received dated 22.05.2017 ,Consent to Establish Received dated 23.08.2013, Civil Aviation Received dated 03.02.2016, CFO NOC Received dated 24.10.2016, SWD remarks Received dated 02.04.2013 ,HE NOC Received dated 28.06.2016 ,Traffic NOC Received dated 06.06.2012 Tree NOC Received dated 13.07.2016
15.Total Plot Area (sq. m.)	26099.4 sqm
16.Deductions	Deductions 1404.91 sqm (Road Setback Area/Existing Road Area= 714.24 sqm R.G. Reservations Area = 690.67 sqm)
17.Net Plot area	24694.49 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 1,40,936.76
	b) Non FSI area (sq. m.): 1,26,548.80
	c) Total BUA area (sq. m.): 267485.56
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 49,933.13
	Approved Non FSI area (sq. m.): 1,19,274.61
	Date of Approval: 22-05-2017
19.Total ground coverage (m2)	8750.75

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	33.52%
21.Estimated cost of the project	9950000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Comp.Bldg1 (Wing-A)-club House	(6 level of Mechanical Parking+ Gr. Flr+ 8 Upper.Flr) + Residential(13th To 20th Flr.)	64.64 m
2	Comp.Bldg1(wing B&C)	4 Basement + Gr.Flr + 1st To 9th Floors (PTC) + 10th Floor To 20th(sale)	64.64 m
3	Comp.Bldg 2	4 Basement + Gr.Flr + 1st To 6th Floors (PTC) + 7th To 19th Floors(sale)	64.64 m
4	Comp.Bldg 3	4 Basement + Gr.Flr + 1st To 6th Floors (PTC) + 7th To 19th Floors(sale)	64.64 m
5	Comp.Bldg 4	4 Basement + Gr.Flr + 1st To 6th floors (PTC) + 7th To 18th Floors (sale)	64.64 m
6	Comp.Bldg 5A	4 Basement + Gr.Flr + 1st To 18th(sale)	64.64 m
7	Comp.Bldg 5B	4 Basement + Gr.Flr + 1st To 18th(sale)	64.64 m

23.Number of tenants and shops	PTC-Residential- 952 nos Amenity- 39 nos Sale- 419 nos Total – 1410 nos
24.Number of expected residents / users	PTC-1904 nos Sale-4343 nos total- 6247 nos
25.Tenant density per hectare	527 Tenants/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 from 27.45 M. Wide Swami Vivekanand Road & 18.30 M. Wide Hasanabad Road No. 2
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m wide
29.Existing structure (s) if any	Only 4 nos of G/St.+2 buildings on the amalgamated plot is to be demolished
30.Details of the demolition with disposal (If applicable)	Demolition will be done as per the Debris management plan and following the C& D rule 2016

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	MCGM / treated water from STP
	Fresh water (CMD):	PTC-171 KLD Sale- 319 KLD total – 490 KLD
	Recycled water - Flushing (CMD):	PTC-86 KLD Sale-157 KLD total- 243 KLD
	Recycled water - Gardening (CMD):	27 KLD
	Swimming pool make up (Cum):	49 KLD
	Total Water Requirement (CMD) :	760 KLD
	Fire fighting - Underground water tank(CMD):	800 cum
	Fire fighting - Overhead water tank(CMD):	225 cum
	Excess treated water	301 KLD
Wet season:	**Source of water**	MCGM/RWH/ treated water from STP
	Fresh water (CMD):	PTC-171 KLD Sale- 319 KLD total – 490 KLD
	Recycled water - Flushing (CMD):	PTC-86 KLD Sale-157 KLD total- 243 KLD
	Recycled water - Gardening (CMD):	0 KLD
	Swimming pool make up (Cum):	49 KLD
	Total Water Requirement (CMD) :	733 KLD
	Fire fighting - Underground water tank(CMD):	800 cum
	Fire fighting - Overhead water tank(CMD):	225 cum
	Excess treated water	328 KLD
Details of Swimming pool (If any)	Lap pool of Size 49.81 X 10.82 X 1.76 M	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	3.65m – 6.0 m bgl
	Size and no of RWH tank(s) and Quantity:	Comp.Bldg1(wing A) = 50 cum Comp.Bldg1(wing B & C) = 55 cum Comp.Bldg 2 = 55 cum Comp.Bldg 3 = 55 cum Comp.Bldg 4 = 45 cum Comp.Bldg 5 =42 cum Total-302 cum (2 day holding Capacity)
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Rs 30.20 lakhs
	Budgetary allocation (O & M cost) :	Rs 1.50 lakhs
	Details of UGT tanks if any :	Domestic -524 cum Flushing -254 cum Fire=800 cum RWH- 302 cum Location – basement
35.Storm water drainage	**Natural water drainage pattern:**	From East to West
	Quantity of storm water:	1.45 m3/sec
	Size of SWD:	0.60 m x 1.79 m
Sewage and Waste water	**Sewage generation in KLD:**	635 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	5 STP of cumulative capacity of 640 KLD
	Location & area of the STP:	At Basement level
	Budgetary allocation (Capital cost):	Rs 133.00 lakhs
	Budgetary allocation (O & M cost):	Rs 20.00 lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated material, Cement Bags , Paint container (@20L), Scrap metal generated, Broken Tiles
	Disposal of the construction waste debris:	Excavated material Shall be used entirely on site for backfilling and for internal roads. Excess shall be disposed to authorized landfills Cement Bags Empty bags to be handed over to recycler. Paint container (@20L) To be handed over to recycler. Scrap metal generated Entirely to be sold for recycling Broken Tiles Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces
Waste generation in the operation Phase:	**Dry waste:**	PTC– 381 Kg/day sale- 855 kg/day total- 1236 kg/day
	Wet waste:	PTC– 571 Kg/day sale- 1172 kg/day total-1743 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	30 Kg/day
	Others if any:	E- waste will be handed over to authorized MPCB dealers

Mode of Disposal of waste:	**Dry waste:**	To be hand 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:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	E- waste will be handed over to authorized MPCB dealers
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	100 sqm
	Area for machinery:	3.00 sqm for each machine
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs 30.00 lakhs
	O & M cost:	Rs 6.00 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 :**	Total RG Required- 1975.55 sqm (8%) Total RG area proposed – 1975.55 sqm (8%) DP reservation- 690.67 sqm
	No of trees to be cut :	Cutting -71 nos, Transplant -170 nos as per Tree NOC
	Number of trees to be planted :	482 nos
	List of proposed native trees :	Same as Below
	Timeline for completion of plantation :	By 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	Careya arborea	Kumbha	47	Deciduous and spectacular flowering
2	Butea monosperma	Flame-of-the-forest	52	Deciduous and spectacular flowering
3	Ficus Glomerata	Umbar	34	Evergreen and showy foliage
4	Cassia fistula	Amaltas, Golden shower tree	54	Deciduous and spectacular flowering
5	Azadirecta Indica	Neem	35	Medicinal properties
6	Cocos Nucifera	Coconut	12	Fruit bearing
7	Plumeric alba	Chafa	20	Shadey
8	Saraca Indica	Sita Ashok	50	Evergreen and spectacular flowering
9	Terminalia arjuna	Arjun tree	51	Evergreen and showy foliage and bark
10	Anthocephalns cadamba	Kadamb	56	Deciduous and showy foliage
11	Phallantus umblica	Avala	34	Fruit bearing
12	Lagertronea tharlli	Taman	37	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	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	TATA/ Adani Power
	During Construction Phase: (Demand Load)	100 kW
	DG set as Power back-up during construction phase	200 kVA
	During Operation phase (Connected load):	13057 kW
	During Operation phase (Demand load):	6913 kW
	Transformer:	1600 kVA-2 No. 1000 kVA-3 No. 1250 kVA-2 No .1500 kVA-1 No.
	DG set as Power back-up during operation phase:	2 x 1600 kVA, 1 x 500 kVA, 4 x 380 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Landscape Lighting (LED Lighting instead of Normal)
Basements, Stilt floors, Podium floor, lobby area (T5 instead of T8 & LED instead of CFL)
VFD's on Lifts
External Lighting (Solar as well LED instead of Metal Halide)

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall Energy Savings	16%

50.Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs 85.00 lakhs
	O & M cost:	Rs 5.00 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	Water Sprinkling, Green Belt Development	20.00
2	Noise Environment	Noise Baricades and Green Belt	10.00
3	Water Environment	Modular STP , Drainage with sedimentation tanks	6.00

4	Good Health Practices	Site Sanitation & Health Care	4.00
5	Environment Monitoring	Air,water,noise soil monitoring during construction phase	1.50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH tanks	30.20	1.50
2	Solid waste management	OWC	30.00	6.00
3	Wastewater management	STP	133.00	20.00
4	Energy savings	Solar & LED	85.00	5.00
5	Green belt	Landscaping	90.00	18.00

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:	Access from 27.45 M. Wide Swami Vivekanand Road & 18.30 M. Wide Hasanabad Road No. 2 (5 nos of entry /exit)

Parking details:	**Number and area of basement:**	4 no's (88462.28 sqm)
	Number and area of podia:	nil
	Total Parking area:	88462.28 sqm
	Area per car:	35.15 qm
	Area per car:	35.15 qm
	Number of 2-Wheelers as approved by competent authority:	464 nos.
	Number of 4-Wheelers as approved by competent authority:	1856 nos.
	Public Transport:	Not applicable
	Width of all Internal roads (m):	all internal driveways minimum 6.00 m wide
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(b) B1
	Court cases pending if any	Not applicable
	Other Relevant Informations	The project has received ToR in 61st SEAC II meeting.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	11-10-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Representative of PP Ms. Purvi 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 in SRA scheme 33(11) existing project. PP further stated that, the total plot area of the project is 26099.4 Sq.mt. having total construction area 267485.56 Sq.mt. (FSI – 1,40,936.76 sq.mt + NON FSI - 1,26,548.80 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Comp.Bldg1 (Wing-A)-club House	(6 level of Mechanical Parking+ Gr. Flr+ 8 Upper.Flr) + Residential(13th To 20th Flr.)	64.64
Comp.Bldg1(wing B&C)	4 Basement + Gr.Flr + 1st To 9th Floors (PTC) + 10th Floor To 20th(sale)	64.64
Comp.Bldg 2	4 Basement + Gr.Flr + 1st To 6th Floors (PTC) + 7th To 19th Floors(sale)	64.64
Comp.Bldg 3	4 Basement + Gr.Flr + 1st To 6th Floors (PTC) + 7th To 19th Floors(sale)	64.64
Comp.Bldg 4	4 Basement + Gr.Flr + 1st To 6th floors (PTC) + 7th To 18th Floors (sale)	64.64
Comp.Bldg 5A	4 Basement + Gr.Flr + 1st To 18th(sale)	64.64
Comp.Bldg 5B	4 Basement + Gr.Flr + 1st To 18th(sale)	64.64

It is noted that, Project has received Environmental clearance vide letter dated 14.05.2013 for construction area 1,15,610.18 sq.mt. It is noted that the project earlier considered in 61th SEAC-2 Meeting held on 24-04-2018 & ToR for the same accorded. The EIA for the said project was considered in 84th SEAC-2 meeting held on 7/1/2019. During that meeting it is noticed that PP has submitted two applications with UID- SEIAASTATEMENT-0000000958 & SEIAA-STATEMENT-0000001745. Committee asked PP to withdraw application SEIAA STATEMENT-0000001745 and continue further with his application vide UID SEIAASTATEMENT-0000000958. Accordingly, PP withdrawn the application SEIAA STATEMENT-0000001745 & EIA submitted to the UID 0000000958.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit the revised dated Architect certificate addressed to committee regarding building-wise construction done on site with respect to earlier accorded EC.
2) PP to submit the copy of layout plan submitted for earlier EC.
3) PP to submit the copy of approved revised plan along with copy of CC.
4) Committee noted that, in earlier EC 3 basement was mentioned while in architect's certificate it is mentioned as 4 basements. Concern architect was not present & PP & environmental consultant could not explain the same. PP to submit the explanatory note regarding the same.
5) PP to submit the brief history & detail chronology of the project.

FINAL RECOMMENDATION

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

Agenda of 104th Day-1 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 **Meeting Date** June 26, 2019

Subject: Environment Clearance for "Niharika Absolute"- Residential Project at Plot no. A-10, sector 39A, Kharghar, Navi Mumbai by M/s. Juhi Infrabuild LLP

Is a Violation Case: No

1.Name of Project	"Niharika Absolute"- Residential Project
2.Type of institution	Private
3.Name of Project Proponent	M/s. Juhi Infrabuild LLP
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	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot no. A-10, sector 39A, Kharghar, Navi Mumbai
9.Taluka	Panvel
10.Village	Kharghar
Correspondence Name:	Mr.Hitesh Chawla
Room Number:	1605/1606
Floor:	16th
Building Name:	The Ambience Court
Road/Street Name:	Sector 19 D
Locality:	Vashi
City:	Navi Mumbai
11.Whether in Corporation / Municipal / other area	Kharghar CIDCO (City and Industrial Development Corporation)
12.IOD/IOA/Concession/Plan Approval Number	LOI & CC Received from CIDCO
	IOD/IOA/Concession/Plan Approval Number: LOI Received from CIDCO vide letter no.CIDCO/BP-15232/TPO(NM)/2018/775 dated 18.9.18, CC recived form CIDCO vide letter no.CIDCO/BP-15232/TPO(NM & K)/2016/3829 dated 23.1.2019
	Approved Built-up Area: 13947.89
13.Note on the initiated work (If applicable)	Nil
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI Received from CIDCO vide letter no.CIDCO/BP-15232/TPO(NM)/2018/775 dated 18.9.18, CFO received form CIDCO vide letter no.CIDCO/FIRE/HQ/2018/396 dated 24.09.2018
15.Total Plot Area (sq. m.)	9300.00 sqm
16.Deductions	--
17.Net Plot area	9300.00 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 13947.89 sqm
	b) Non FSI area (sq. m.): 25343.24 sqm
	c) Total BUA area (sq. m.): 39291.13
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 13947.89
	Approved Non FSI area (sq. m.): 25343.24
	Date of Approval: 18-09-2018
19.Total ground coverage (m2)	5798.90 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	62%
21.Estimated cost of the project	980000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 building having 6 nos of Wings A,B,C,D,E,F	G (stilt Parking) +1st Floor (Parking on podium)+ 2nd Floor (part residential/podium for Landscape & amenity area) +3rd To 14th residential floors	42.15 m

23.Number of tenants and shops	Residential- 342 nos
24.Number of expected residents / users	1553 nos
25.Tenant density per hectare	367 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)	15.00 mt wide DP road from 2 sides.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.50 m
29.Existing structure (s) if any	Plot is Vacant
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**	CIDCO / Treated water from STP
	Fresh water (CMD):	140 KLD
	Recycled water - Flushing (CMD):	70 KLD
	Recycled water - Gardening (CMD):	12 KLD
	Swimming pool make up (Cum):	5 KLD
	Total Water Requirement (CMD) :	222 KLD
	Fire fighting - Underground water tank(CMD):	100 Cum
	Fire fighting - Overhead water tank(CMD):	120 Cum
	Excess treated water	94 KLD
Wet season:	**Source of water**	CIDCO/RWH/ treated water from STP
	Fresh water (CMD):	140 KLD
	Recycled water - Flushing (CMD):	70 KLD
	Recycled water - Gardening (CMD):	00 KLD
	Swimming pool make up (Cum):	5 KLD
	Total Water Requirement (CMD) :	210 KLD
	Fire fighting - Underground water tank(CMD):	100 Cum
	Fire fighting - Overhead water tank(CMD):	120 Cum
	Excess treated water	106 KLD
Details of Swimming pool (If any)	Swimming pool 1 nos = 17 m x 6.5 m	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	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:**	unconfined aquifers-5-15m and confined aquifers-40-80m
	Size and no of RWH tank(s) and Quantity:	1 x 120 cum (2 day holding capacity)
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Rs 8.00 Lakh
	Budgetary allocation (O & M cost) :	Rs 0.40 Lakh /annum
	Details of UGT tanks if any :	Domestic -300 cum Flushing- 70 cum Fire – 100 cum RWH-120 cum Location- Ground
35.Storm water drainage	**Natural water drainage pattern:**	West to East
	Quantity of storm water:	0.20 m3/sec
	Size of SWD:	0.45m x 0.60 m
Sewage and Waste water	**Sewage generation in KLD:**	196 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	215 KLD
	Location & area of the STP:	Ground (135 sqm)
	Budgetary allocation (Capital cost):	Rs 35.00 Lakhs
	Budgetary allocation (O & M cost):	Rs 5.00 lakhs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated material, Cement Bags , Paint container (@20L), Scrap metal generated,Broken Tiles.
	Disposal of the construction waste debris:	Excavated material Shall be used on site for backfilling and for internal roads. Cement Bags Empty bags to be handed over to recycler. Paint container (@20L) To be handed over to recycler. Scrap metal generated Entirely to be sold for recycling, Broken Tiles Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces.
Waste generation in the operation Phase:	**Dry waste:**	311 kg/day
	Wet waste:	466 Kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	10 kg/day
	Others if any:	E-waste will be handed over to MPCB authorized dealers

Mode of Disposal of waste:	**Dry waste:**	To be hand 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:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be used as a manure.
	Others if any:	E-waste will be handed over to MPCB authorized dealers
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	40.00 sqm
	Area for machinery:	5.00 sqm
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs 10.00 Lakhs
	O & M cost:	Rs 2.00 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 :**	Layout RG present, Additional RG on podium of 2587.09 sqm is provided
	No of trees to be cut :	Nil
	Number of trees to be planted :	117 nos
	List of proposed native trees :	same as below
	Timeline for completion of plantation :	By 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	Areca catechu	SUPARI	10	fruit bearing tree
2	Ficus religiosa	PEEPAL	15	shadey
3	Terminalia catappa	BADAM	15	shadey
4	Delonix regia	GULMOHAR	11	shadey, ornamental
5	Mimusops elengi	NEEM	18	medicinal properties
6	Casia fistula	GOLDEN SHOWER TREE	16	shadey, ornamental
7	Mimusops elengi	BAKUL	15	shadey, ornamental
8	Alstonia scholaris	SATVINA	17	shadey, 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	Gloriosa suparba	3.00 m	6.00 m
2	Adhatoda vasica	3.00 m	6.00 m
3	Tecona stans	3.00 m	6.00 m
4	Bougain villee sps	3.00 m	6.00 m
5	Passsiflora edulis	3.00 m	6.00 m

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	40 kW
	DG set as Power back-up during construction phase	50 kVA
	During Operation phase (Connected load):	3812 kW
	During Operation phase (Demand load):	1577 kW
	Transformer:	2 x 600 kVA
	DG set as Power back-up during operation phase:	1 x 175 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

48.Energy saving by non-conventional method:

1) Use of Energy Efficient LED Lamps for Common & External Areas instead of CFL Lamps.
2) For Energy efficient performance we have proposed VFDs(Variable Frequency Drive) for all Motors used in Lifts, Plumbing, Fire fighting and
3) use electrical equipments such as AC, Fridge, Microwave, Light Fixtures etc. which are Higher rated(5 Star) by BEE
4) solar PV Panels for lighting of common areas and external lighting.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy savings	13%

50.Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs.35.00 lakhs
	O & M cost:	Rs. 1.75 Lakhs/annum

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development,	15.00
2	Noise Environment	Noise Baricades and Green Belt Developments	5.50

3	Water Environment	Modular STP , Drainage with sedimentation tanks	8.00
4	Good Health Practices	Site Sanitation & Health Care	5.00
5	Environment Monitoring	Air,water,noise soil monitoring during construction phase	1.50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH tanks	8.00	0.40
2	Solid waste management	OWC	10.00	2.00
3	Wastewater management	STP	35.00	5.00
4	energy savings	Solar, LED and others	35.00	1.75
5	green belt	Landscaping	25.00	2.50

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:	15.00 mt wide DP road from 2 sides (2 entry/exit)

Parking details:	**Number and area of basement:**	Nil
	Number and area of podia:	2 nos of podium (1 podium will be used for parking (5796.22 sqm) and 2nd for landscape)
	Total Parking area:	11595.12 sqm
	Area per car:	Ground- 27.00 sqm and podium- 33.00 sqm
	Area per car:	Ground- 27.00 sqm and podium- 33.00 sqm
	Number of 2-Wheelers as approved by competent authority:	-
	Number of 4-Wheelers as approved by competent authority:	342 nos
	Public Transport:	Nil
	Width of all Internal roads (m):	Minimum 6.00 m wide internal roads
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(a) B2
	Court cases pending if any	Not applicable
	Other Relevant Informations	As per the MoM of the 50th SEAC II meeting dated 08.09.2016. PP was asked to submit any one of the following approvals viz-CFO NOC, Water NOC, Sewage NOC or SWD NOC. PP have received CFO NOC vide letter no.CIDCO/FIRE/HQ/2018/396 dated 24.09.2018 , LOI Received from CIDCO vide letter no.CIDCO/BP-15232/TPO(NM)/2018/775 dated 18.9.18 CC recived form CIDCO vide letter no.CIDCO/BP-15232/TPO(NM & K)/2016/3829 dated 23.1.2019
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	08-08-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

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 housing project. *PP further stated that, t*he total plot area of the project is 9300.00Sq.mt. having total construction area 39291.13 Sq.mt. (FSI - 13947.89 sq.mt + NON FSI- 25343.24 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
1 building having 6 nos of Wings A,B,C,D,E,F	G (stilt Parking) +1st Floor (Parking on podium)+ 2nd Floor (part residential/podium for Landscape & amenity area) +3rd To 14th residential floors	42.15 m

It is noted that the project earlier considered in 97th SEAC-2 (Day-2) Meeting held on 25-04-2019 & deferred with observations namely 1) to submit the Nalla remarks. 2) to submit the letter regarding difference in total built up area & plot area. 3) to provide measures so that treated waste water should be discharged in sewer drain reduce to 30% 4) to superimpose layout plan of project on ESZ map of Sanjay Gandhi National park to verify the distance of project site from ESZ. 5) to submit CER of 2% 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 get approved from collector/ local body or Environment Department 6) to submit the undertaking regarding status of mangroves on project site. Accordingly, PP submitted the compliance which was taken on record.

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

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 upload the copy of CFO NoC.
2) PP to upload the approved layout plan.
3) PP to upload the copy of GDCR regarding side margins of the buildings
4) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
5) PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

FINAL RECOMMENDATION

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

Agenda of 104th Day-1 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 **Meeting Date** June 26, 2019

Subject: Environment Clearance for Proposed residential group housing scheme in Village Padge, Taluka & District Palghar

Is a Violation Case: No

1.Name of Project	Proposed residential group hosing scheme on land bearing Gut no. 218, 223, 224, 227, 228, 229, Village Padge, Taluka & District Palghar
2.Type of institution	Private
3.Name of Project Proponent	Mr. Manharlal Mehta & Mr. Dushyant Patel
4.Name of Consultant	Enviro Analysts and Engineers Private Limited.
5.Type of project	Group 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	Land bearing Gut no. 218, 223, 224, 227, 228, 229, Village Padge
9.Taluka	Palghar
10.Village	Padghe
Correspondence Name:	Mr. Manharlal Mehta & Mr. Dushyant Patel
Room Number:	NA
Floor:	4th floor
Building Name:	Maxus Malim
Road/Street Name:	Shree Vallabhacharyaji Marg,
Locality:	Nr. New Flyover Bridge
City:	Bhayandar (W), Dist. Thane
11.Whether in Corporation / Municipal / other area	Padghe Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	CC document (Mauje Padghe/ Tal. Palghar/ RK 218 & other/ SSNR/ 1564 dtd. 28.08.18)
	IOD/IOA/Concession/Plan Approval Number: Mauje Padghe/ Tal. Palghar/ RK 218 & other/ SSNR/ 1564 dtd. 28.08.18
	Approved Built-up Area: 86887.54
13.Note on the initiated work (If applicable)	No work has been started at the site.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	142900.00 sq. m.
16.Deductions	43427.63
17.Net Plot area	99472.37
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 76294.30
	b) Non FSI area (sq. m.): 10593.24
	c) Total BUA area (sq. m.): 86887.54
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 76294.30
	Approved Non FSI area (sq. m.): 10593.24
	Date of Approval: 28-08-2018
19.Total ground coverage (m2)	14432.00
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.1
21.Estimated cost of the project	1120000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Type A (42 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
2	Type C (16 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
3	Type C1 (16 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
4	Type D (3 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
5	Type E (7 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
6	Type F (17 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
7	Type G (1 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
8	Type H (4 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
9	Type I (1 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8

23.Number of tenants and shops	2493 flats
24.Number of expected residents / users	10048 nos.
25.Tenant density per hectare	280 tenants/ ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	18 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

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**	Padghe Grampanchayat
	Fresh water (CMD):	904
	Recycled water - Flushing (CMD):	452
	Recycled water - Gardening (CMD):	62
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	1418
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	585
Wet season:	**Source of water**	Padghe Grampanchayat
	Fresh water (CMD):	904
	Recycled water - Flushing (CMD):	452
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	1345
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	647
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:**	2.5 m to 3.0 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:	Total 27 nos.
	Size of recharge pits :	Dia. 2.5 m; Depth: 4.0 m
	Budgetary allocation (Capital cost) :	24.30 lac
	Budgetary allocation (O & M cost) :	2.43 lac
	Details of UGT tanks if any :	Total Capacity: Domestic: 1080 cu.m. Flushing: 540 cu.m.
35.Storm water drainage	**Natural water drainage pattern:**	East to Waste
	Quantity of storm water:	4.69 m3/ sec
	Size of SWD:	0.6 m x 1.0 m
Sewage and Waste water	**Sewage generation in KLD:**	1221 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	4 nos. Total Capacity: 1350 KLD
	Location & area of the STP:	Ground floor
	Budgetary allocation (Capital cost):	159 lac
	Budgetary allocation (O & M cost):	39.75 lac
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Empty cement bags: 26066 nos.; Steel: 9 MT; Aggregates: 17 MT Broken Tiles; 2172 sq. m. Empty Paint Cans (20 litre/ can): 2607 nos.
	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 as a layer for internal roads and building boundary wall. Broken Tiles Waste tiles to be used as china mosaic for terraces. ; Empty Paint Cans (20 litre/ can): To be sold
Waste generation in the operation Phase:	**Dry waste:**	2010 kg/ day
	Wet waste:	3014 kg/ day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	122 KLD
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	To be handed over to authorized recyclers
	Wet waste:	To be processed in organic waste converter and manure obtained will be used for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be processed in organic waste converter and manure obtained will be used for gardening
	Others if any:	NA
Area requirement:	**Location(s):**	Ground floor
	Area for the storage of waste & other material:	Total area: 278 sq. m.
	Area for machinery:	Total area: 20 sq. m.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	30 lac
	O & M cost:	8 lac

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 :**	11583.97 sq. m.
	No of trees to be cut :	NA
	Number of trees to be planted :	1786 nos.
	List of proposed native trees :	Vad, gulmohar, ashok etc.
	Timeline for completion of plantation :	7 years

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ficus benhalensis	Vad	154	Medical tree
2	Acacia catechu	Khair	179	Ornamental tree
3	Azadirachta indica	Neem	210	Medical tree
4	Peltrophorum pterocarpum	Copper pod	85	Medical tree
5	Ficus racemosa	Umber	69	Medical tree
6	Leueaena leucocephala	Subabhul	185	Useful for protection purpose
7	Phoenix dactylifera	Date palm	37	Medical tree
8	Ficus religiosa	Peepal	221	Medical tree
9	Borassus flabellifer	Tad	121	Ornamental tree
10	Cordia dichotoma	Bhokar	75	Ornamental tree
11	Zizyphus indicus	Bor	187	Fruits useful for animals and mankind
12	Pongamia pinnaca	Karanj	88	Ornamental tree
13	Bauhunia blackianna	Bauhunia	68	Ornamental tree
14	Alstonia scholaris	Indian devil	41	Ornamental tree
15	Nyetanthes arbotristis	Parijat	66	Ornamental 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)	5043 kW
	DG set as Power back-up during construction phase	2 nos., 125 KVA each.
	During Operation phase (Connected load):	18303.4 kW
	During Operation phase (Demand load):	6179 kW
	Transformer:	Capacity: 1250 KVA
	DG set as Power back-up during operation phase:	Capacity: 625 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

LED for Flat lighting load,
LED for Open space, common area and external lighting,
Lift load, STP with VFD,
Solar PV for net metering,
Solar water heating etc.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED for Flat lighting load	41%
2	LED for Open space, common area and external lighting	41%
3	Lift load, STP with VFD	20%
4	Solar PV for net metering	100%
5	Solar water heating	20%

50.Details of pollution control Systems

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

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	115 lac
	O & M cost:	5 lac

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)

1	Wastewater management	Mobile STP	6.0
2	Air pollution control	Water sprinkling	4.0
3	Primary health and safety	First aid facilities	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	Wastewater management	STPs	159.0	37.75
2	Water conservation	Rain water harvesting pits	24.3	2.43
3	Solid waste management	OWC provision	30.0	8.0
4	Energy conservation	Energy saving components	115.0	5.0

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1 entry and exit

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	9351 sq. m.
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	3117
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	Mumbai suburban railway, MSRTC buses etc.
	Width of all Internal roads (m):	Min. 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Tungareshwar Forest – 40 km
	Category as per schedule of EIA Notification sheet	8(a)
	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. Dushyant Patel was present during the meeting along with environmental consultant M/s. Enviro Analysts and Engineers Private Limited.

PP informed that, the project under consideration is group housing Project. PP further stated that, the total plot area of the project is 142900.00 Sq.mt. having total construction area 86887.54Sq.mt. (FSI - 76294.30 sq.mt + NON FSI- 10593.24 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Type A (42 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
Type C (16 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
Type C1 (16 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
Type D (3 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
Type E (7 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
Type F (17 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
Type G (1 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
Type H (4 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8
Type I (1 buildings)	Gr. (pt) + St (pt) + 4 floors	14.8

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 below observations.

Specific Conditions by SEAC:

1) PP to submit & upload the copy of provision in DCR regarding 10% RG.
2) PP to submit the letter from competent authority regarding the water supply to the project site.
3) PP to submit the whole plan regarding zero discharge project.
4) PP to carry out the high flood line study for the nalla.
5) PP to submit remarks from Irrigation Department indicating high flood line or red/blue line for existing nalla as per the policy of the water resources department & also remark regarding canal demarcation in plot.
6) PP to submit the disaster management plan considering the STP failure as one of the likely disaster point.

FINAL RECOMMENDATION

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

Agenda of 104th Day-1 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 **Meeting Date** June 26, 2019

Subject: Environment Clearance for Amendment in Environmental Clearance for Proposed Runwal Town Centre Now known as R city (Commercial building no.-1) on property bearing old C.T.S. no. 166/1 to 23 (s.no. 146-B) and New CTS No.166Aof village Ghatkopar, situated at Lalbahadur Shastri Marg, Ghatkopar by Runwal group

Is a Violation Case: No

1.Name of Project	Amendment of Runwal Town Centre Now known as R city (Commercial building no.-1) on property bearing old C.T.S. no. 166/1 to 23 (s.no. 146-B) and New CTS No.166Aof village Ghatkopar, situated at Lalbahadur Shastri Marg, Ghatkopar by Runwal group
2.Type of institution	Private
3.Name of Project Proponent	Runwal Group Runwal & Omkar Esquare,5th floor, opp .Sion-Chuna bhatti signal, sion (E] .Mumbal-400022 .
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd. Mr. H. K Desai B-1003, Enviro House, 10th floor, Western Edge -II Western Express Highway, Borivali (E), Mumbai- 400 066 hkdesai5@gmail.com,; info@eaepl.com
5.Type of project	Residential and commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in change of user in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC received vide letter no J.12011/42/2005-IA (CIE) dated 24.02.2006
8.Location of the project	Property bearing old C.T.S. no. 166/1 to 23 (s.no. 146-B)New CTS NO.166A of village Ghatkopar, situated at Lalbahadur Shastri Marg, Ghatkopar
9.Taluka	Kurla
10.Village	Ghatkopar
Correspondence Name:	Ms. Pallavi Matkari- Chief Architect
Room Number:	5th floor
Floor:	5th floor
Building Name:	Runwal & Omkar Square
Road/Street Name:	Chunabhatti signal,
Locality:	Sion (E]
City:	Mumbai
11.Whether in Corporation / Municipal / other area	MCGM
12.IOD/IOA/Concession/Plan Approval Number	IOD received from MCGM
	IOD/IOA/Concession/Plan Approval Number: IOD received vide letter no. CE/6304/BPES/AN dated 30th dec. 2013 for FSI area 151640.46 sqm
	Approved Built-up Area: 151640
13.Note on the initiated work (If applicable)	Commercial building no.1 (wing A) – lower basement +upper basement + G+ 4 (wing B)- lower basement +upper basement + G+ 1-4 mall + 5-7 parking floors & 8-10 upper floors Residential building 2, 3, 4 (handed over)- base+stilt+podium+14 upper Has been constructed on site as per EC received vide letter no J.12011/42/2005-IA (CIE) dated 24.02.2006. The total constructed area on site is 347099.12 sqm
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	OC received from MCGM
15.Total Plot Area (sq. m.)	80873.70 sqm
16.Deductions	89.05 sqm
17.Net Plot area	80784.65 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 151640.46
	b) Non FSI area (sq. m.): 195458.66
	c) Total BUA area (sq. m.): 347099

18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 151640.46 sqm
	Approved Non FSI area (sq. m.): 195458.66 sqm
	Date of Approval: 30-12-2013
19.Total ground coverage (m2)	49884.91 sqm (Residential = 17595.38 sqm Commercial = 32289.53 sqm)
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	61%
21.Estimated cost of the project	1000000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1. Commercial building 1	Commercial building no.1 (wing A) – lower basement +upper basement + G+ 4 flrs (wing B)- lower basement +upper basement + G+ 1-4 flrs mall + 5-7 parking floors & 8-10 upper floors	Wing A-27.5 m, wing B- 48.9m
2	2. Residential building 2 ,3,4	B+stilt+podium+14 upper	54.05m

23.Number of tenants and shops	Commercial building 1- nos 1 mall -92997.82 sqm Cinema hall- 1743 nos of seats Offices-13163.17 sqm Residential building 2, 3, 4= 500 flats
24.Number of expected residents / users	Commercial building 1- 1 mall- 9299 nos ,Cinema hall- 1917,Offices- 1320 nos Residential building 2,3,4= 2500 nos
25.Tenant density per hectare	62 Tenant density per hectare + commercial mall
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	30.50m. wide Lal Bahadur Shastri Marg & 18.30m wide road.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 mtr
29.Existing structure (s) if any	Existing building on site as per approvals
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/STP
	Fresh water (CMD):	410
	Recycled water - Flushing (CMD):	265
	Recycled water - Gardening (CMD):	15
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	690
	Fire fighting - Underground water tank(CMD):	500 cum
	Fire fighting - Overhead water tank(CMD):	40 cum
	Excess treated water	used in HVAC
Wet season:	**Source of water**	MCGM/STP/RWH tanks
	Fresh water (CMD):	410
	Recycled water - Flushing (CMD):	265
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	675
	Fire fighting - Underground water tank(CMD):	500 cum
	Fire fighting - Overhead water tank(CMD):	40 cum
	Excess treated water	used in HVAC
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:**	as per soil investigation report
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	8 nos of Recharge pits are proposed
	Size of recharge pits :	.
	Budgetary allocation (Capital cost) :	as per EMP plan
	Budgetary allocation (O & M cost) :	as per EMP plan
	Details of UGT tanks if any :	FIre tank-500 cum Domestic tank- 250 cum flushing tank-330 cum HVAC tank-400 cum
35.Storm water drainage	**Natural water drainage pattern:**	Towards the municipal SWD on existing Roads
	Quantity of storm water:	As per SWD remarks obtained from mcgm
	Size of SWD:	As per SWD remarks obtained from mcgm (8 inch and 6 inch Dia. (52 Nos. across the periphery))
Sewage and Waste water	**Sewage generation in KLD:**	577
	STP technology:	MBBR
	Capacity of STP (CMD):	630 KLD+ 400 KLD
	Location & area of the STP:	Basement
	Budgetary allocation (Capital cost):	as per EMP plan
	Budgetary allocation (O & M cost):	as per EMP plan
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated material, Cement Bags , Paint container (@20L), Scrap metal generated, Broken Tiles
	Disposal of the construction waste debris:	Excavated material used on site for backfilling and for internal roads. Excess disposed to authorized landfills Cement Bags Empty bags handed over to recycler. Paint container (@20L) handed over to recycler. Scrap metal generated Entirely sold for recycling Broken Tiles Waste tiles used for skirting. Broken pieces used for china mosaic waterproofing of terraces
Waste generation in the operation Phase:	**Dry waste:**	883 kg/day
	Wet waste:	378 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	.
	Others if any:	E-Waste: will be sold to authorized vendors

Mode of Disposal of waste:	**Dry waste:**	To be hand 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
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	.
	Others if any:	.
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	.
	Area for machinery:	.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	.as per EMP plan
	O & M cost:	as per EMP plan

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 :**	12117.70 (15%)
	No of trees to be cut :	123 nos cut, 43 nos transplanted ,12 nos of dead trees
	Number of trees to be planted :	1060 nos
	List of proposed native trees :	same as below
	Timeline for completion of plantation :	plantation completed on site

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	as per tree NOC	.as per tree NOC	.as per tree NOC	.as per tree NOC
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 :**	TATA/Reliance
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	100 kVA
	During Operation phase (Connected load):	32000 kW
	During Operation phase (Demand load):	16000 kW
	Transformer:	(2000 KVA x 5 Nos.), (1500 KVA x 2 Nos.), (750 KVA x 1 No.)
	DG set as Power back-up during operation phase:	1500 KVA and 1010 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Landscape & External Lighting (LED Lighting instead of Normal) Basements, Stilt floors, Podium floor, lobby area (T5 instead of T8 & LED instead of CFL)-FOR BUILDING VFD's on Lifts VFD's on CAR Lifts solar PV panels, LED lamps and tube lights are installed on all floors, parkings, staircases and mall periphery

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	overall energy savings	12%

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:**	as per EMP plan
	O & M cost:	as per EMP plan

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	as per EMP plan	as per EMP plan	as per EMP plan

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	as per EMP plan	as per EMP plan	as per EMP plan	as per EMP plan

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:	30.50m. wide lal bahadur shastri Marg & 18.30m. w i d e D. P. r o a d

Parking details:	**Number and area of basement:**	2 basement
	Number and area of podia:	.
	Total Parking area:	as per approvals
	Area per car:	as per NBC
	Area per car:	as per NBC
	Number of 2-Wheelers as approved by competent authority:	as per approvals
	Number of 4-Wheelers as approved by competent authority:	Commercial building 1- 2644 nos Residential building 2 ,3, 4-754 nos
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 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	8(b) B1
	Court cases pending if any	NA
	Other Relevant Informations	Amendment in change of user in existing project
	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 was absent. But environment consultant M/s. Enviro Analysts & Engineers Pvt. Ltd. stated that PP may withdraw the said application. Hence, ***the proposal is deferred.***

DECISION OF SEAC

PP was absent. But environment consultant M/s. Enviro Analysts & Engineers Pvt. Ltd. stated that PP may withdraw the said application. Hence, ***the proposal is deferred.***

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Agenda of 104th Day-1 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 **Meeting Date** June 26, 2019

Subject: Environment Clearance for Environmental Clearance for proposed residential cum Commercial project on plot bearing S. No. (OLD) 90 H. No.7, (NEW) S.NO. 53, H. NO. 7, at Mouje – Sonarpada, Tal-Kalyan, Dist-Thane by Shree Balaji Superstructure LLP

Is a Violation Case: No

1.Name of Project	SHREE BALAJI SUPERSTRUCTURE LLP
2.Type of institution	Private
3.Name of Project Proponent	SHREE BALAJI SUPERSTRUCTURE LLP
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd; Dr. D. A. Patil
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing S. No. (OLD) 90 H. No.7, (NEW) S. NO. 53, H. NO. 7, at Mouje – Sonarpada, Tal-Kalyan, Dist-Thane
9.Taluka	Thane
10.Village	Mouje - Sonarpada
Correspondence Name:	SHREE BALAJI SUPERSTRUCTURE LLP
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	NA
City:	NA
11.Whether in Corporation / Municipal / other area	Kalyan Dombivali Municipal Corporation (KDMC)
12.IOD/IOA/Concession/Plan Approval Number	-
	IOD/IOA/Concession/Plan Approval Number: Plan Approved by KDMC vide no. KDMC/NRV/BP/KD/2017-18/36 dated 22.2.2018
	Approved Built-up Area: 21582.73
13.Note on the initiated work (If applicable)	No work started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plan Approved by KDMC vide no. KDMC/NRV/BP/KD/2017-18/36 dated 22.2.2018
15.Total Plot Area (sq. m.)	7,030.00 m2
16.Deductions	1,085.00 m2
17.Net Plot area	5,945.00 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 17,702.70 m2
	b) Non FSI area (sq. m.): 16,273.12 m2
	c) Total BUA area (sq. m.): 33975.82
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 10,203.35 m2
	Approved Non FSI area (sq. m.): 11,379.38 m2
	Date of Approval: 18-09-2018
19.Total ground coverage (m2)	3,269.75 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	55 %
21.Estimated cost of the project	950000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Bldg. 1	G+ 28th floor floors	85.35
2	Bldg. 2	G + 2P + 26th upper floors	85.35
3	Bldg. 3	G + 2P + 28th upper floors	91.05

23.Number of tenants and shops	Flats: 417 Nos. Commercial Area: 832.2 m2
24.Number of expected residents / users	2,168
25.Tenant density per hectare	595/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 30.0 m wide Kalyan Shilphata 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	Vacant Plot
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**	KDMC
	Fresh water (CMD):	190
	Recycled water - Flushing (CMD):	95
	Recycled water - Gardening (CMD):	7
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	285
	Fire fighting - Underground water tank(CMD):	As per CFO NOC
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC
	Excess treated water	161
Wet season:	**Source of water**	KDMC + RWH
	Fresh water (CMD):	158 + 32
	Recycled water - Flushing (CMD):	95
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	285
	Fire fighting - Underground water tank(CMD):	As per CFO NOC
	Fire fighting - Overhead water tank(CMD):	As per CFO NOC
	Excess treated water	168
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:	1 RWH Tank of total 70 m3 capacity
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 16 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1 Lakh/year
	Details of UGT tanks if any :	Under Ground
35.Storm water drainage	**Natural water drainage pattern:**	The slope of the plot is towards south side
	Quantity of storm water:	The storm water generation 743.85 m3/hr
	Size of SWD:	300 x 450 mm internal SWD drains
Sewage and Waste water	**Sewage generation in KLD:**	266 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	1 STP of 300 KLD capacity
	Location & area of the STP:	Ground
	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: 1000 m3, Excavation for foundation purpose only
	Disposal of the construction waste debris:	The construction debris waste will be disposed as per Construction debris and demolition waste management Rule 2016
Waste generation in the operation Phase:	**Dry waste:**	424 kg/day
	Wet waste:	635 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	3 kg/day
	Others if any:	Household E-waste generation will be handed over to authorized recyclers

Mode of Disposal of waste:	**Dry waste:**	Dry garbage will be handed over to authorized recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting unit and used as organic manure for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening
	Others if any:	Household E-waste generation will be handed over to authorized recyclers
Area requirement:	**Location(s):**	On ground
	Area for the storage of waste & other material:	40 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 area required: 1,047.56 m2 RG area provided: On Ground: 1,050.00 m2 On Podium: 410.00 m2
	No of trees to be cut :	Existing trees on site: Nil
	Number of trees to be planted :	75 Nos.
	List of proposed native trees :	Given below
	Timeline for completion of plantation :	2-3 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	ERYTHRINA INDICA	Pangara	10	As medicinal value, Bird and insect attractive.
2	LAGERSTROEMIA SPECIOSA	Tamhan	8	Edible, mature fruit as medicinal value, Bird and insect attractive.
3	MIMUSOP ELENGI	Bakul	5	As medicinal value, Bird and insect attractive.
4	PONGAMIA PINNATA	Karanj	6	Valued for its oil and insect repellent, having medicinal value.
5	SARACA INDICA	Sita Ashok	7	As medicinal value, Bird and insect attractive.
6	ANTHOCEPHALUS CADAMBA	Kadamba	5	Shady, large tree, ball shaped flowers.
7	BAUHINIA PURPUREA	Apta	8	Small tree with small white flowers, Butterfly host plant
8	MICHELIA CHAMPACA	Chafa	8	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
9	MILLINGTONIA HORTENSIS	Indian cork tree	5	Evergreen Tree
10	NYCTANTHES ARBOR TRISTIS	Parijat	8	Small deciduous fast growing tree, beautiful flowers.
11	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	NA	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	200 kVA
	DG set as Power back-up during construction phase	200 kVA
	During Operation phase (Connected load):	2.4 MW
	During Operation phase (Demand load):	1.3 MW
	Transformer:	NA
	DG set as Power back-up during operation phase:	3 x 400 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NIL

48.Energy saving by non-conventional method:

Solar PV Hot water to Residential Buildings, Solar Street lighting in landscape , Open area etc

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy Savings	22.2%

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 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	Water spray for dust suppression	-	6
2	Site sanitation Facility and its maintenance	-	3
3	Potable Water Supply to Labour	-	3
4	Health Check-up & first aid	-	2.5
5	Solid waste management	-	1.5

6	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Googles, Hand Gloves etc.)	6
7	Traffic Management (Sign Boards, Persons, at entry exit and Parking area)	-	1.5
8	Safety nets	-	3
9	Safety Training to Workers (Twice in Year), Safety Officer	-	1.5
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)	4

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	69	16
2	Solar System	Weekly	25	1
3	Rainwater harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	16	1
4	Solid Waste Composting plant	Continuous O & M	28	11
5	Landscape	Daily	13	1
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	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:	30.0 m wide Kalyan Shilphata Road
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	2 Podiums (per podium area 2,800.00 m2)
	Total Parking area:	6,198.5 m2
	Area per car:	28.5 m2
	Area per car:	28.5 m2
	Number of 2-Wheelers as approved by competent authority:	541 Nos.
	Number of 4-Wheelers as approved by competent authority:	189 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Dombivali MIDC at the distance of 1.0 km
	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 & environment consultant M/s. Mahabal Enviro Engineers Pvt. Ltd informed the committee that, they are in the process of amalgamating adjoining plot, therefore total planning of the project will be changed. In view of above, after deliberation committee decided that the said application is deemed to be withdrawn & PP has to apply afresh

DECISION OF SEAC

PP & environment consultant M/s. Mahabal Enviro Engineers Pvt. Ltd informed the committee that, they are in the process of amalgamating adjoining plot, therefore total planning of the project will be changed. In view of above, after deliberation committee decided that the said application is deemed to be withdrawn & PP has to apply afresh

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

Agenda of 104th Day-1 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 **Meeting Date** June 26, 2019

Subject: Environment Clearance for Environmental Clearance (EC) for Residential Development at Goregaon West.

Is a Violation Case: No

1.Name of Project	Sunteck City - Avenue III
2.Type of institution	Private
3.Name of Project Proponent	M/s. Satguru Corporate Services Pvt. Ltd.
4.Name of Consultant	M/s. Ultra-Tech
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing CTS Nos. 158, 159, 160, 161(Pt.), 162(Pt.) & 165(Pt.) of village Goregaon, Taluka Malad, Mumbai Suburban District situated at Somanigram in Oshiwara District Centre, Goregaon West. Mumbai
9.Taluka	Malad
10.Village	Goregaon
Correspondence Name:	Mr. Ajeet Singh
Room Number:	--
Floor:	5th Floor
Building Name:	Sunteck Centre
Road/Street Name:	37-40 Subhash Road
Locality:	Vile Parle (East)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12.IOD/IOA/Concession/Plan Approval Number	Application done on date 23.10.2018
	IOD/IOA/Concession/Plan Approval Number: Application done on date 23.10.2018
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	8,858.52 Sq. mt.
16.Deductions	--
17.Net Plot area	8,858.52 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 52,535.71 Sq. mt. (Including Fungible FSI)
	b) Non FSI area (sq. m.): 70,552.36 Sq. mt.
	c) Total BUA area (sq. m.): 123088.07
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval: 23-10-2018
19.Total ground coverage (m2)	4,354.00 Sq. mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49 %
21.Estimated cost of the project	3710200000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	One Building with 2 wing	--	--
2	Wing A & B	3 Basements + Ground + 1st to 7th Podium + 8th Stilt / Top Podium + 9th Service Floor to 53rd Typical Floor	162.55 mt.

23.Number of tenants and shops	Wing A: 316 nos. Wing B: 316 nos. Total Flats: 632 Nos.
24.Number of expected residents / users	3488 Nos.
25.Tenant density per hectare	718/ hectors
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 well connected by 25 mt. wide proposed road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9.00 mt.
29.Existing structure (s) if any	There are temporary sheds (Godowns) on the plot which shall be demolished.
30.Details of the demolition with disposal (If applicable)	Demolition Debris generated shall be disposed to authorized landfill site with permission of M.C.G.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**	M.C.G.M/ Tanker water for Swimming pool make up
	Fresh water (CMD):	314
	Recycled water - Flushing (CMD):	156
	Recycled water - Gardening (CMD):	11
	Swimming pool make up (Cum):	03
	Total Water Requirement (CMD) :	484 KLD
	Fire fighting - Underground water tank(CMD):	250 KL
	Fire fighting - Overhead water tank(CMD):	100 KL
	Excess treated water	199 KLD
Wet season:	**Source of water**	M.C.G.M/ Tanker water for Swimming pool make up/ Partly by RWH
	Fresh water (CMD):	314
	Recycled water - Flushing (CMD):	156
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	03
	Total Water Requirement (CMD) :	473 KLD
	Fire fighting - Underground water tank(CMD):	250 KL
	Fire fighting - Overhead water tank(CMD):	100 KL
	Excess treated water	210 KLD
Details of Swimming pool (If any)	Swimming pool volume: 192 m3 Swimming pool make up water requirement: 3 KL	

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:**	1.6 mt. to 3.8 mt. below ground surface
	Size and no of RWH tank(s) and Quantity:	2 RWH tanks of capacity 60 KL each
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	Nil
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 18.00 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.71 Lacs/annum
	Details of UGT tanks if any :	Location: Basement
35.Storm water drainage	**Natural water drainage pattern:**	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD.
	Quantity of storm water:	0.19 m3/sec
	Size of SWD:	300 mm wide storm water channel with slope 1:300
Sewage and Waste water	**Sewage generation in KLD:**	407 KLD
	STP technology:	Moving Bed Bio Reactor (MBBR)
	Capacity of STP (CMD):	STP of capacity 450 KL
	Location & area of the STP:	Location : Location Basement , Area: 400 Sq. mt.
	Budgetary allocation (Capital cost):	Rs. 93.05 Lacs
	Budgetary allocation (O & M cost):	Rs. 15.78 Lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated material shall be partly reused on site for filling and remaining will be disposed of at designated location approved by M.C.G.M.
	Disposal of the construction waste debris:	Construction waste material shall be partly reused/ recycled and remaining shall be disposed to the authorized land fill site
Waste generation in the operation Phase:	**Dry waste:**	942 kg/day
	Wet waste:	628 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	58 kg/day
	Others if any:	Not Applicable

Mode of Disposal of waste:	**Dry waste:**	To authorized recyclers
	Wet waste:	Organic Waste Convertor (OWC)
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	Not Applicable
Area requirement:	**Location(s):**	Ground Floor
	Area for the storage of waste & other material:	46 Sq. mt.
	Area for machinery:	12 Sq. mt.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 9.00 Lacs
	O & M cost:	Rs. 2.67 Lacs/annum

37.Effluent Charecterestics

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set	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	HSD	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: 1416.60 Sq. mt. ; On Podium: 360.00 Sq. mt.
	No of trees to be cut :	10 Nos.
	Number of trees to be planted :	83 Nos.
	List of proposed native trees :	As shown below in "List of proposed plantation on ground"
	Timeline for completion of plantation :	At the time of 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	Tabubiea rosea	Rosy trumpet tree	27	An excellent timber
2	Delonix regia	Gulmohar	17	Medicinal properties
3	Saraca asoka	Ashok	19	Shady evergreen tree with red-yellow flowers.
4	Nyctanthes arbor-tristis	Parijatak	10	Medicinal properties
5	Cordia sebestena	Geiger Tree	10	It is an ornamental plant
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	TATA / Adani
	During Construction Phase: (Demand Load)	150 KW
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	12792 KW
	During Operation phase (Demand load):	4552 KW
	Transformer:	--
	DG set as Power back-up during operation phase:	D.G. Set of capacity 1250 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not applicable.

48.Energy saving by non-conventional method:

- Use of LED lights
- Provision of Solar PV Panels and solar hot water
- Use of energy sufficient motors and pump
- Use of energy efficient Lifts (VVVF Non gear lifts)

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving	20 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	STP
Solid waste	Not applicable	Organic Waste Convertor

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 47.00 Lacs
	O & M cost:	Rs. 3.60 Lacs/annum

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	5.40
2	Air Environment	Air and Noise Monitoring: On site Sensors	12.5
3	Air Environment	Air and Noise Monitoring: By outside MoEF & CC Approved Laboratory	0.55
4	Water Environment	Drinking water analysis	0.15
5	Land Environment	Site Sanitation	5.00
6	Health & Hygiene	Disinfection- Pest Control	6.00
7	Health & Hygiene	Health Check-up of workers	37.50
8	Cost towards Disaster Management	--	786.70

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR & NOISE ENVIRONMENT - Ambient Air quality & Noise Monitoring:	On site sensors	No set up cost is involved as already considered Construction Phase	0.50
2	AIR & NOISE ENVIRONMENT - Ambient Air quality & Noise Monitoring:	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.11

3	AIR & NOISE ENVIRONMENT - Cost for DG Stack Exhaust Monitoring	1 no. of stack	No set up cost is involved	0.02
4	AIR & NOISE ENVIRONMENT - Cost for Plantation	Green area on ground & podium	13.15	1.20
5	WATER ENVIRONMENT - Waste water treatment	Cost for sewage Treatment Plants	75.05	14.77
6	WATER ENVIRONMENT - Cost for water & waste water Monitoring	On site sensors	18.00	1.00
7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	No set up cost is involved	0.01
8	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for RWH tanks	12.00	0.60
9	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for treatment unit for Rain Water collected in tanks	6.00	0.02
10	WATER ENVIRONMENT - Water Conservation (Rain Water Harvesting System)	Cost for Rainwater Monitoring	No set up cost is involved	0.09
11	LAND ENVIRONMENT - Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	9.00	2.63
12	LAND ENVIRONMENT - Solid Waste Management	Environmental Monitoring	No set up cost is involved	0.04
13	ENERGY CONSERVATION - Use of renewable energy	Solar system	47.00	3.60
14	Cost towards disaster management	--	3823.70	38.24

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:	One Entry & Exit
Parking details:	**Number and area of basement:**	3 Basement (Total area: 12350.86 Sq. mt.)
	Number and area of podia:	7 Podia and 8th Stilt Podium (Total area: 28265.59 Sq. mt.)
	Total Parking area:	43, 852.30 Sq. mt.
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	248 Nos.
	Number of 4-Wheelers as approved by competent authority:	1007 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Min 6.0 mt.
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	--
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	17-12-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

PP Mr. Atul Poopal was present during the meeting along with environmental consultant M/s.Ultra-Tech.

PP informed that, the project under consideration is *new housing project. PP further stated that, t*he total plot area of the project is 8,858.52 Sq.mt having total construction area 123088.07 Sq.mt.(FSI – 52,535.71 sq.mt +NON FSI- 70,552.36 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
One Building with 2 wing	--	--
Wing A & B	3 Basements + Ground + 1st to 7th Podium + 8th Stilt / Top Podium + 9th Service Floor to 53rd Typical Floor	162.55 mt.

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

Committee noted that, the plot area mentioned in the CS is the part area of the total plot which is not yet subdivided as individual plot. After deliberation, committee decided that, the project cannot be appraised at this stage considering the plot under consideration is not yet subdivided. PP to provide the copy of subdivision of the plot or submit the proposal

DECISION OF SEAC

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Agenda of 104th Day-1 SEAC-2 meeting held on 26th -27th June, 2019

SEAC Meeting number: 104 **Meeting Date** June 26, 2019

Subject: Environment Clearance for proposed Redevelopment Project comprising of rehabilitation building with shops & sale building located at C.S.NO.1/799 & 800 of Mazgaon Division E-Ward, Dr.B.A.Road,Mumbai-400 033

Is a Violation Case: No

1.Name of Project	PARSHWA LOTUS By Gold Plaza Developers Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Bharat Chhaganlal Jain
4.Name of Consultant	M/s SadekarEnviro Engineers Pvt. Ltd.
5.Type of project	Redevelopment Project comprising of rehabilitation building with shops & sale building.
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	Not applicable
8.Location of the project	C.S.NO.1/799 & 800 OF Mazgaon Division E-Ward, Dr.B.A.Road,Mumbai-400 033
9.Taluka	Ward E
10.Village	NA
Correspondence Name:	Mr.Bharat Chhaganlal Jain
Room Number:	Gala No 3
Floor:	NA
Building Name:	Jetha Compound,
Road/Street Name:	Behind HP Petrol Pump,
Locality:	Opp Nirmal Park,
City:	Byculla E, Mumbai
11.Whether in Corporation / Municipal / other area	MCGM
12.IOD/IOA/Concession/Plan Approval Number	CC obtained
	IOD/IOA/Concession/Plan Approval Number: CHE/CTY/1557/E/337(NEW) dated 28-08-2018
	Approved Built-up Area: 15267.04
13.Note on the initiated work (If applicable)	Not initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CC obtained from MCGM
15.Total Plot Area (sq. m.)	1842.81 sq. m.
16.Deductions	70.72 sq.m
17.Net Plot area	1772.09 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 15026.40 sq. m
	b) Non FSI area (sq. m.): 10652.37 sq. m
	c) Total BUA area (sq. m.): 25678.77
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 15267.04
	Approved Non FSI area (sq. m.): 10652.37
	Date of Approval: 28-08-2018
19.Total ground coverage (m2)	1459.68
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	79.21%
21.Estimated cost of the project	1530000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	PARSHWA LOTUS A Wing (Rehabilitation Building)	Single Basement+ Ground floor + Single Podium+ Service Floor + 1st to 20th floor + 21st (part) + Part Terrace =23 floors.	69.95 mt
2	PARSHWA LOTUS B Wing (Sale Building)	Single Basement+ Ground floor + Single Podium+ Service Floor + 1st to 18th floor + 19th (part) + Swimming Pool and Part Terrace =21 floors.	69.95 mt

23.Number of tenants and shops	A Wing : Rehab Residents (Flats) = 199 nos, Rehab Non Residents (Shops) = 24 nos, B Wing: Residents (Flats) = 87 nos.
24.Number of expected residents / users	A Wing =995 nos Shops = 48 nos, B Wing = 435 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 nearest fire station is the Fire station is Byculla fire station which is 1.82 kms from project site in south direction. The road to the project side from Fire station is around 10.0 meters wide.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius of 9.0 meters is provided within the plot premises.
29.Existing structure (s) if any	Existing 4 nos of residential building structure available on plot.
30.Details of the demolition with disposal (If applicable)	The existing 4 nos of residential building structure will be demolished. The debris generated within the plot after demolition will be partly reused onsite and remaining will be disposed off to authorised vendors.

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	M.C.G.M / Water Tanker
	Fresh water (CMD):	129.42
	Recycled water - Flushing (CMD):	65.79
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	20
	Total Water Requirement (CMD) :	215.21
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	60
	Excess treated water	109.89
Wet season:	**Source of water**	M.C.G.M
	Fresh water (CMD):	113.42
	Recycled water - Flushing (CMD):	65.79
	Recycled water - Gardening (CMD):	-
	Swimming pool make up (Cum):	-
	Total Water Requirement (CMD) :	163.21
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	60
	Excess treated water	95.49
Details of Swimming pool (If any)	Capacity of swimming pool is 145 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:**	1.0 mt to 3.0 mt below ground level.
	Size and no of RWH tank(s) and Quantity:	Rain Water Harvesting tank capacity - 35 CMD
	Location of the RWH tank(s):	Basement.
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	500000
	Budgetary allocation (O & M cost) :	50000
	Details of UGT tanks if any :	Rain water harvesting tank = 35000 ltrs Flushing water tank (sale Building) = 21000 ltrs Flushing water tank (rehab. Building) = 45000 ltrs Domestic water tank (sale Building) = 41000 ltrs Flushing water tank (rehab. Building) = 90000 ltrs Fire Water Tank = 150000 ltrs
35.Storm water drainage	**Natural water drainage pattern:**	Storm water drains of adequate capacity will be provided within the plot which will be further connected to external SWD
	Quantity of storm water:	41.4 m3/hr.
	Size of SWD:	The SWD having dimension of 0.5m depth X 0.45 m height will be provided along the boundaries of the plot.
Sewage and Waste water	**Sewage generation in KLD:**	195.21
	STP technology:	Sewage waste water will be treated in the Sewage Treatment plant (FMBR)
	Capacity of STP (CMD):	1 no of STP of capacity 200 CMD will be provided
	Location & area of the STP:	STP will be located in the basement area. The area required for STP will be 150 sq m.
	Budgetary allocation (Capital cost):	30 Lakhs
	Budgetary allocation (O & M cost):	5.0 Lakhs/Annum

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavation material will be partly reused on site and remaining shall be disposed to authorized vendors.
	Disposal of the construction waste debris:	Debris will be generated after demolition of existing building structures. Debris will be partly used within the plot and remaining waste will be disposed off to authorised vendor.
Waste generation in the operation Phase:	**Dry waste:**	300 kg/day
	Wet waste:	450 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	400 Kg/M
	Others if any:	Not Applicable

Mode of Disposal of waste:	**Dry waste:**	Dry waste shall be disposed through authorised vendors
	Wet waste:	Wet waste shall be disposed through authorised vendors
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	STP sludge will be used as manure.
	Others if any:	Not Applicable
Area requirement:	**Location(s):**	Ground floor
	Area for the storage of waste & other material:	5 sq. m
	Area for machinery:	35 sq.m
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	1500000
	O & M cost:	100000

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	6.0-8.5	6.0-5.8	6.0-8.5
2	BOD5	mg/l	250-400	10	10
3	COD	mg/l	600-800	30	30
4	SS	mg/l	200-450	less than 10	less than 10
5	Oil & Grease	mg/l	upto 20	less than 10	less than 10
6	TDS	mg/l	400-450	less than 100	less than 100

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 :**	162.12 sq. m.
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	9 Nos
	List of proposed native trees :	Coconut trees, Rain trees, Pink cassia, Geiger tress, Tulip Tress, Copper Pod. Frangipani.
	Timeline for completion of plantation :	6 months after grant of environmental clearance

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	Cocus nucifera	Coconut trees	3	Fruit is used in different ways in all Indian and international receipes while cooking. Its fibers is used for coir production. Broom is made is widely used especially by patients
2	Albizia saman	Rain trees	3	Wide-canopied tree with large symmetrical crown. Several lineages of this tress are available. Attracts to butterfly and birds.
3	Cassia javanica	Pink cassia	3	Ornamental plants, butterfly host plant.
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	BEST
	During Construction Phase: (Demand Load)	200 KWatts
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	1592 KWatts
	During Operation phase (Demand load):	1468 KVA
	Transformer:	NA
	DG set as Power back-up during operation phase:	Not Applicable
	Fuel used:	Not Applicable
	Details of high tension line passing through the plot if any:	Not Applicable

48.Energy saving by non-conventional method:

- Common area lighting with LED Lamps
- Alternate switching arrangement along with timer.
- Energy efficient pumping
- High efficiency LED light for street light.
- Open space lighting partly on Solar Energy.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving	20.0 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	--	Sewage Treatment Plant (FMBR)
Solar Installations	--	Solar street lights
solid Waste Management	--	Installation of OWC
Plantation	--	Proposed plantation in RG area

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	500000
	O & M cost:	100000

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Water sprinkling for Dust suppression. Air Monitoring	1.0

2	Water	Drinking water analysis	0.10
3	Land	Site Sanitation	0.50
4	Health and Hygiene	Disinfection Pest Control	0.50
5	Sewage	Bio Toilets	1.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air, water and Noise Environment – • Ambient air quality and noise monitoring	By external MOEF&CC approved lab	--	1.0
2	Water	Cost for Sewage treatment plant	25.0	5.0
3	Rain water harvesting	Cost for Rain water Harvesting Tank	15.0	0.50
4	Energy Conservation – Use of renewable enegry	Solar street lights	5.0	1.0
5	Solid waste management	Installation of OWC	15	1.0

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Dr. B.A. Road.

Parking details:	**Number and area of basement:**	1 nos. 1459.53 Sq. m. Gr. 18 Nos 284.68 sq.m
	Number and area of podia:	1 nos 1450 sq.m.
	Total Parking area:	3194.79 sq.m
	Area per car:	13.75 sq.m
	Area per car:	13.75 sq.m
	Number of 2-Wheelers as approved by competent authority:	15
	Number of 4-Wheelers as approved by competent authority:	130
	Public Transport:	NA
	Width of all Internal roads (m):	6.00
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Category 8 (a) B2
	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

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

PP informed that, the project under consideration is expansion of redevelopment project comprising of rehabilitation building with shops & sale building. PP further *stated that, t*he total plot area of the project is 1842.81 Sq.mt having total construction area 25678.77 Sq.mt.(FSI -15026.40Sq. mt. + NON FSI- 10652.37Sq. mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
PARSHWA LOTUS A Wing (Rehabilitation Building)	Single Basement+ Ground floor + Single Podium+ Service Floor + 1st to 20th floor + 21st (part) + Part Terrace =23 floors.	69.95 mt
PARSHWA LOTUS B Wing (Sale Building	Single Basement+ Ground floor + Single Podium+ Service Floor + 1st to 18th floor + 19th (part) + Swimming Pool and Part Terrace =21 floors.	69.95 mt

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit the list of directors of company from registrar of company.
2) PP to submit the copy of earlier approved layout plan along with chronology of the project.
3) PP to submit the copy of amalgamation of plot.
4) The Committee noted that the PP has proposed all requisite RG as paved RG. This is not acceptable. The PP to provide required non-paved clear RG on Mother Earth.
5) PP to ensure that 40% area of STP tanks should be open to sky for adequate ventilation.

FINAL RECOMMENDATION

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