Agenda for 112th SEAC-3 meeting scheduled on 28-29-30 July, 2020 through Video Conference

SEAC Meeting number: 112 **Meeting Date** July 30, 2020

Subject: Environment Clearance for Enviromental Clearance for proposed Residential and Commercial Development at Sr. No :147/p Akurdi , Taluka- Haveli, Pune by M/s Mantra Sky Tower

Is a Violation Case: No

1.Name of Project	Proposed Residential and Commercial development at Sr. No: 147/p Akurdi, Tal- Haveli, Pune by M/s Mantra Sky Tower
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sailesh Agarwal M/s Mantra Sky Tower
4.Name of Consultant	VK:e
5.Type of project	Residential and Commercial development
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	Sr.no 147/p
9.Taluka	Haveli
10.Village	Akurdi
Correspondence Name:	Mr. Sailesh Agarwal
Room Number:	T4/T5
Floor:	3rd floor
Building Name:	Metropole Building
Road/Street Name:	Next to INOX Theatre, Bund Garden Road
Locality:	Akurdi
City:	PUNE
11.Whether in Corporation / Municipal / other area	PCMC
12.IOD/IOA/Concession/Plan Approval Number	In Process
	IOD/IOA/Concession/Plan Approval Number: In Process
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	In Process
15.Total Plot Area (sq. m.)	17400 sq.m
16.Deductions	1335.52 sq.m
17.Net Plot area	12576.58 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 31768
	b) Non FSI area (sq. m.): 44197
	c) Total BUA area (sq. m.): 75965
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** In Process
	Approved Non FSI area (sq. m.): In Process
	Date of Approval: 12-11-2018
19.Total ground coverage (m2)	3002
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.86%
21.Estimated cost of the project	920000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A Building	B+2P+22	69.35
2	B Building	B+2P+22	69.35
3	C Building	B+2P+22	69.35
4	Commercial- Shops	G+1	5.9

23.Number of tenants and shops	Residential flats : 486 Shops : 25
24.Number of expected residents / users	Residential: 2430 , Commercial: 466
25.Tenant density per hectare	1664/ hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	30 m wide road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9m
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**	PCMC
	Fresh water (CMD):	230
	Recycled water - Flushing (CMD):	119
	Recycled water - Gardening (CMD):	26
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	375
	Fire fighting - Underground water tank(CMD):	600 kld for all Residential buildings
	Fire fighting - Overhead water tank(CMD):	20kld for each residential building
	Excess treated water	134
Wet season:	**Source of water**	PCMC
	Fresh water (CMD):	230
	Recycled water - Flushing (CMD):	119
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	349
	Fire fighting - Underground water tank(CMD):	600 kld for all Residential buildings
	Fire fighting - Overhead water tank(CMD):	20kld for each residential building
	Excess treated water	160
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Summer Season – 17.33 m. to 21.67 m. BGL. Rainy Season – 7.00 m. to 11.33 BGL.
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	7 recharge pits
	Size of recharge pits :	2.25 M. X 2.25 M. X 2.00 M. Depth with 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth
	Budgetary allocation (Capital cost) :	10,00,000
	Budgetary allocation (O & M cost) :	70,000
	Details of UGT tanks if any :	Residential+ Commercial Domestic UGT– 361 KLD Residential Flushing UGT –165 KLD Fire Fighting UGT – 600KLD
35.Storm water drainage	**Natural water drainage pattern:**	Natural water drainage pattern: The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits .
	Quantity of storm water:	9.57 m3/min
	Size of SWD:	450 mm
Sewage and Waste water	**Sewage generation in KLD:**	314 kld
	STP technology:	MBBR technology
	Capacity of STP (CMD):	320
	Location & area of the STP:	On ground
	Budgetary allocation (Capital cost):	83,27,000
	Budgetary allocation (O & M cost):	11,95,000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	20kg/day
	Disposal of the construction waste debris:	The construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.
Waste generation in the operation Phase:	**Dry waste:**	556 kg/day
	Wet waste:	775 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	64 kg
	Others if any:	E-Waste - 4.6 kg/day

Mode of Disposal of waste:	**Dry waste:**	Will be handed over to authorized vendor
	Wet waste:	Wet waste will be treated onsite by Organic waste converter machine.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	Handed over to authorized recycle for further handling and disposal.
Area requirement:	**Location(s):**	On Ground
	Area for the storage of waste & other material:	Total OWC area : 70 sq.m
	Area for machinery:	Total OWC area : 70 sq.m
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	25,75,000
	O & M cost:	5,52,108

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 :**	1606.45sq.m
	No of trees to be cut :	Few trees exist on site which will be transplanted
	Number of trees to be planted :	204
	List of proposed native trees :	Please refer below list
	Timeline for completion of plantation :	Till operation 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	Manikara Zapota	Chikoo	12	Tropical fruit tree & bird attracting tree
2	Michelia Champaca	Champa	12	Evergreen timber plant, ornamental
3	Mimusopes elengi	Bakul	12	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	12	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	12	Drought tolerant, ornamental & medicinal plant
6	Butea monosperma	Flame tree	12	Used in pesticide & dye preparation,
7	Cassia grandis	Pink Shower	12	Drought tolerant, ornamental & medicinal plant
8	Saraca indica	Sita ashok	12	Evergreen medicinal plant
9	Roystonia regia	Royal palm	12	Nitrogen fixer, ornamental plant
10	Erythrina subrosa	Pangara	12	Fruit tree & bird attracting
11	Neolamarkia cadamba	Kadamba tree	12	Tropical fruit tree & bird attracting tree
12	Mangifera Indica	Mango tree	12	Evergreen & bird attracting tree
13	Pongamia pinnata	Karanj	12	Karanj is an important ayurvedic medicine
14	Phyllanthus officinalis	Awala	12	Evergreen medicinal and fruit plant
15	Psidium guajava	Peru	12	Fruit Tree.
16	Azadirachta indica	Neem	12	Traditional medicinal Plant
17	Albizia lebbeck	Shirish	12	Evergreen timber plant, 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	Durantaerecta	0.30	24.17
2	Durantarepens	0.30	24.17
3	Nerium oleander	0.30	24.17
4	Nerium oleander	0.30	24.17

5	Nerium oleander	0.30	24.17
6	Tecomacastanifolia	0.30	24.17
7	Tabernaemontanacoronatia	0.30	24.17
8	Tabernaemontanadivaricata	0.30	24.17
9	Tabernaemontanacorymbosavariegated	0.30	24.17
10	Plumbagoauriculata	0.30	24.17
11	Cassia biflora	0.30	24.17
12	Bouigainvelleaglabra	0.30	24.17
13	Allamandaschotty compacta	0.30	24.17
14	Lagestromiaindica	0.30	24.17
15	Hamelia patens	0.30	24.17
16	Tecomastanse	0.30	24.17
17	Acalyphawikesiana	0.30	24.17
18	Cortaderiaselloana	0.30	24.17
19	Dianellaaustraliana	0.30	24.17
20	Tageteserecta	0.30	24.17
21	Tecomacapensis	0.30	24.17
22	Galphimiaglauca	0.30	24.17
23	Reveniaspectabilis	0.30	24.17

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	22 KW
	DG set as Power back-up during construction phase	1 DG set of 30 KVA
	During Operation phase (Connected load):	2637 KW
	During Operation phase (Demand load):	1260 KVA
	Transformer:	2 nos. X 630 KVA
	DG set as Power back-up during operation phase:	1 DG set of 300KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Total Energy Saving :21 % Savings

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	473.04

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:**	1,02,59,625
	O & M cost:	9,40,762

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	Erosion control – dust suppression measures, barricading and top soil preservation	17,99,750
2	Land	Labour Camp toilets & sanitation	4,80,000
3	Health and Safety	Labour Safety Equipments and training	4,00,000
4	facility	Disinfection and Health Check-ups	51,000
5	Environment Management	Environmental Monitoring Cell	1,70,000
6	Environment	Environmental Monitoring	1,85,500

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	MBBR Technology	83,27,000	11,95,000
2	Solid Waste Management	OWC	25,75,000	5,52,108
3	Landscaping	Development and Maintenance	20,71,805	1,54,656
4	Rain Water Harvesting	Recharge pits with bore well	10,00,000	70,000
5	Energy Saving	Solar PV panels	1,02,59,625	9,40,762
6	Environmental Monitoring	Environmental Monitoring cell	--	1,85,500

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

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

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The project site is located at Akurdi.
Parking details:	**Number and area of basement:**	7182 sq.m
	Number and area of podia:	NA
	Total Parking area:	20,148 sq.m.
	Area per car:	12.5sq.m.
	Area per car:	12.5sq.m.
	Number of 2-Wheelers as approved by competent authority:	1075
	Number of 4-Wheelers as approved by competent authority:	300
	Public Transport:	NA
	Width of all Internal roads (m):	6m wide internal road is provided.
	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	8a building and construction project
	Court cases pending if any	NO
	Other Relevant Informations	The project area is in a residential zone. Proposed project consists of residential building having 486 flats and 25 shops.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP remained ***absent***. The proposal was ***deferred***.

DECISION OF SEAC

PP remained ***absent***. The proposal was ***deferred***.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEIAA decision above.

Agenda for 112th SEAC-3 meeting scheduled on 28-29-30 July, 2020 through Video Conference

SEAC Meeting number: 112 **Meeting Date** July 30, 2020

Subject: Environment Clearance for Proposed Construction of Maharashtra National Law University, at KH No. 140/2 at Waranga, Wardha Road, Nagpur

Is a Violation Case: No

1.Name of Project	Proposed Construction of Maharashtra National Law University, at KH No. 140/2 at Waranga, Wardha Road, Nagpur
2.Type of institution	Government
3.Name of Project Proponent	The Registrar, Maharashtra National Law University, Nagpur
4.Name of Consultant	ABC Techno Labs India Pvt. Ltd. ; Head office : ABC Tower no 400, 13th Street, SIDCO Industrial Estate- North Phase, Ambattur Chennai – 600 098; Regional Office : A-355, Balaji Bhavan, Plot 42 A, Sect 11, CBD Belapur, Navi Mumbai 400614 ;Tel : 022-2758 0044/55; Email ID: mumbai@abctechnolab.com
5.Type of project	Educational Institute
6.New project/expansion in existing project/modernization/diversification in existing project	NEW
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	KH No. 140/2 at Waranga, Wardha Road, Nagpur
9.Taluka	Nagpur (Rural)
10.Village	Mauza-Waranga
Correspondence Name:	The Registrar, Maharashtra National Law University, Nagpur
Room Number:	NA
Floor:	NA
Building Name:	Moraj Design & Decorator (DnD) Building,
Road/Street Name:	Near HP OIL Depot, Wardha Road
Locality:	Khapri, Tehsil -Nagpur Rural
City:	Nagpur
11.Whether in Corporation / Municipal / other area	Nagpur Metropolitan Region Development Authority
12.IOD/IOA/Concession/Plan Approval Number	In Process
	IOD/IOA/Concession/Plan Approval Number: --
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	No work initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	0
15.Total Plot Area (sq. m.)	240097.517
16.Deductions	5559.68
17.Net Plot area	234537.837
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 154266
	b) Non FSI area (sq. m.): 59886
	c) Total BUA area (sq. m.): 214152
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval: 02-08-2019
19.Total ground coverage (m2)	70916
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29.8

21.Estimated cost of the project	8790000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Security & Waiting & BLK A1	G	3.6
2	Bank & BLK A2	G	3.6
3	Health & wellness centre & BLK A3	G+2	11.25
4	Drivers/Workers Rest area BLK B	G+1	6.6
5	VC Residence & Office BLK C	G+1	6.9
6	Registrar RES & Office BLK D	G+1	6.9
7	Chancellors RES & Office & BLK E	G+1	6.9
8	Convection centre & Auditorium BLK F	G+3	27.25
9	Administartion Blocks	LG+G+2	16.35
10	Library BLK H	G+5	28.55
11	Acadamic Blocks BLK J	G+2	14.3
12	Sports Centre BLK K 1	G	14.05
13	Convenience Shops BLK K 2	G	3.5
14	MLCP BLK L	B+G+4	16.2
15	Boys hostel block BLK M	G+6	22.55
16	PG , International & 3rd Gender Hostel BLK N	G+6	22.55
17	Girls hostel block BLK P	G+6	22.55
18	Dining & Amenity Block BLK Q	G+2	14
19	Faculty club & Guest house BlLK R	G+4	15.9
20	3 BHK Row Houses BLK S1/S2	G+1	6.6
21	3 BHK Staff Residence BLK T	S+6	23.4
22	2 BHK Staff Residence BLK U	S+6	24.8
23	1 BHK Staff Residence BLK V	S+6	24.8
24	Workers Dorm & Diary	G	7.3

23.Number of tenants and shops	3500 tenants & 12 shops
24.Number of expected residents / users	3500
25.Tenant density per hectare	146
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	24 m

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	No
30.Details of the demolition with disposal (If applicable)	Not Applicable

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	Wakeshwar dam, Pond (1 & 2) & Borewell
	Fresh water (CMD):	368
	Recycled water - Flushing (CMD):	72
	Recycled water - Gardening (CMD):	218
	Swimming pool make up (Cum):	2010 KL
	Total Water Requirement (CMD) :	658 KLD (excluding swimming pool)
	Fire fighting - Underground water tank(CMD):	500 KL
	Fire fighting - Overhead water tank(CMD):	410 KL
	Excess treated water	0

Wet season:	**Source of water**	Wakeshwar dam, Pond (1 &2) and Borewell
	Fresh water (CMD):	368
	Recycled water - Flushing (CMD):	72
	Recycled water - Gardening (CMD):	44
	Swimming pool make up (Cum):	2010 KL
	Total Water Requirement (CMD) :	484 KLD (excluding swimming pool)
	Fire fighting - Underground water tank(CMD):	500 KL
	Fire fighting - Overhead water tank(CMD):	410 KL
	Excess treated water	32 KL
Details of Swimming pool (If any)	2010 KL water will be available in proposed swimming pool. The Source of this water will be output of WTP. The requirement is of one time after 3-5 years water can be changed.	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Fresh water requirement	0	440	440	0	42	42	0	378	378
Cooling tower & thermopack	0	248	248	0	0	0	0	0	0
Gardening	0	218	218	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	20 m depth
	Size and no of RWH tank(s) and Quantity:	7 nos. + (6 mt X 7 mt.) = 737 KL. Pond I is 35,000 kl & for pond II 10,000 KL
	Location of the RWH tank(s):	3 tanks are proposed near to Block J , H , 2 tanks near to block L & block M and 1 will be near to block P , 1 will be near to block Q
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	9 Crores
	Budgetary allocation (O & M cost) :	5 Lakhs
	Details of UGT tanks if any :	Total 4 UGT Tanks are proposed . Raw water (700 KL) , Treated water(350 KL), Pond Water (350 KL) , Treated sewage tank (500 KL) & Dam water storage tank (500 Kl). , In total 2400 KL water will be stored in these UGT tanks.
35.Storm water drainage	**Natural water drainage pattern:**	--
	Quantity of storm water:	121479 KL
	Size of SWD:	600 M by 1M plus vegetated swales
Sewage and Waste water	**Sewage generation in KLD:**	378
	STP technology:	DEWATS with VORTEX System
	Capacity of STP (CMD):	total 5= 1X 120 KLD, 1X57 KLD, 1X30 kLD, 1X 50KLD, 1 X 130 KLD
	Location & area of the STP:	120 KLD= Girls Hostel single occupancy 02, 57 KLD = near to dining block, 30 KLD= Near acadamic building and 130 KLD= Faculty
	Budgetary allocation (Capital cost):	2.85 crores
	Budgetary allocation (O & M cost):	15 Lakks
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	150 kg/day
	Disposal of the construction waste debris:	Disposal of construction waste will be done as per construction & demolition waste disposal rule 2016
Waste generation in the operation Phase:	**Dry waste:**	775 Kg/day
	Wet waste:	525 Kg/day
	Hazardous waste:	300 kl /year
	Biomedical waste (If applicable):	20 kg/day
	STP Sludge (Dry sludge):	94 kg /day
	Others if any:	E-Waste -negligible

Mode of Disposal of waste:	**Dry waste:**	It will be handed over to authorised vendor
	Wet waste:	Organic waste Converter will be used to convert wet waste into Compost
	Hazardous waste:	It will be handed over to MPCB Authorized Recycler
	Biomedical waste (If applicable):	It will be handed over to PCB BMW authorized vendor
	STP Sludge (Dry sludge):	It will be utilised as a manure
	Others if any:	NA
Area requirement:	**Location(s):**	Near to dairy
	Area for the storage of waste & other material:	--
	Area for machinery:	10 X 7
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	15 Lakhs
	O & M cost:	5 Lakks

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	6.0-8.5	5.5-9.0	6.5-9.0
2	TSS	mg/lit	250-400	<10	<100
3	TSS	mg/lit	250-400	<10	<100
4	COD	mg/lit	350-450	<60	<250
5	BOD	mg/lit	200-250	<10	<30

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	Used oil	5.1	KL/Years	0	300	300	It will be handed over to PCB authorized vendor

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 Stack	HSD (20 KLX2 nos)	1	30 mt	0.35 mt	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel (HSD)	0	40 KL (considering in power failure of 48 hrs)	40 KL (considering in power failure of 48 hrs)
41.Source of Fuel		Near by oil depot		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	**Total RG area :**	93936 sq. m.
	No of trees to be cut :	0
	Number of trees to be planted :	8384
	List of proposed native trees :	All the selected plants which are proposed for plantation are native species.
	Timeline for completion of plantation :	12 months

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	Aegle marmelos	Bel/ bengal quince/ Maredu	225	tolerant of waterlogging and has an unusually wide temperature tolerance (from -7 °C to 48 °C)
2	Alstonia scholaris	Saptparni/ Devils tree	48	It is a flowering plant and having medicinal properties
3	Anthocephalus cadamba	Kadam / Kadamb	258	Birds and other animals help in dispersal of the edible fruit. At the age of 4 years kadam may start flowering.
4	Artocarpus heterophyllus	Jackfruit	130	Evergreen ,Fruit bearing & slow growing tree
5	Azadirachta indica	Neem	312	It is quick growing, seed bearing & Evergreen tree
6	Ailanthus excelsa	Marukh	251	It is deciduous , quick growing and seed bearing tree
7	Albizia lebbeck	Siris tree/ Siris	247	It is quick growing, seed bearing and deciduous tree
8	Butea monosperma	Palas/ Flame of the forest	297	Deciduous ,slow growing and seed bearing tree
9	Bauhinia purpurea	Kanchan / Apta	304	This tree also known as butterfly tree, also quick growing & deciduous
10	Bombax ceiba	Shalmali/ Semal / Silk Cotton Tree	68	This Asian tropical tree has a straight tall trunk , flowering plant, attractive to local birds
11	Boswellia serrata	Dhupali/ shallaki/ kurunda/ salai	239	It is native to India, and its extract has been used as a traditional medicine for centuries.
12	Cassia fistula	Bahava/ Indian laburnum	103	It is quick growing, seed bearing, deciduous tree
13	Cassia siamea	Kashid/ Kassod / Siamese Senna	123	It is evergreen, fast growing and seed bearing tree

14	Cauroupita guianensis	Shivalingam /Cannon ball / Nagalinga	26	flowering tree and having medicinal properties
15	Citrus grandis	Chakotara/ bampara/ grape fruit	36	Fruit bearing plant, leaves having medicinal properties
16	Citrus medica	Mahalunga/ galgal/ Citron	46	traggly, evergreen shrub or small tree growing up to 4 metres tall
17	Cochlospermum religiosum	Ganeri / Kondagogu / Buttercup tree	233	Small, flowering plant
18	Dalbergia sisoo	Sissu/ Shisham	220	This tree is best known economic timber species, fast growing, hardy deciduous rosewood tree
19	Erythrina indica	Pangara / Indian coral tree	258	Erythrina indica is a medium-sized, spiny, deciduous tree normally growing to 6-9 m
20	Erythrina stricta	Pangara/ Coral tree	37	This tree is evergreen , flowering & harvested from the wild for local use as a medicine
21	Ficus carica	Poona fig/ Dinkar/ Anjeer	23	Fruit baring, attractive to birds, iiis also an ornamental plant
22	Ficus religiosa	Peepal	55	It is having a very long lifespan, large tree upto 30 mt, semi evergreen plant
23	Ficus glomerata	Umbar	69	This is quick growing, seed bearing, deciduous plant
24	Ficus retusa	Wad / chilkhan	46	having large life span , The seeds are small, and because most banyans grow in woodlands, a seedling that germinates on the ground is unlikely to survive.
25	Ficus virens	Bassari/ White Fig/ Pilkhan	59	It is seed bearing, evergreen , slow growing (in early stage)
26	Garuga pinnata	kakad / Grey downy balsam/ kharpat	38	Garuga pinnata is a deciduous tree species
27	Haldina cordifolia	Haldu/ Karam/ Kadami	213	Haldina cordifolia is a deciduous tree with a large crown; generaly growing from 18 - 30 metres tall, specimens up to 45 metres have been recorded.
28	Holoptelea integrifolia	Papada/ Wavli/ Chilbil	82	Holoptelea integrifolia is a deciduous tree growing up to 22 metres tall.The tree is harvested from the wild for local use as a medicine, food, and as a source of oil and wood.
29	Holarrhena pubescens	Indrajav/ kutaja/ pandhra kuda	69	Flowering, is a deciduous shrub or tree with fragrant white flowers and abundant white latex in all its parts. It grows up to 10 metres tall
30	Lagerstroemia indica	Taman/ Pride of India	146	Its flowers bearing plant
31	Lagerstroemia microcarpa	Nana/ Ben teak	221	Lagerstroemia microcarpa is a large deciduous tree.A valuable and important timber tree, much in request, and giving one of the best of the woods of Western India[

32	Lagerstroemia parviflora	Lende/ Bondga/ Dhaura/ Small crape myrtle	66	It is a large, deciduous tree that can grow 30 metres or more tall. The tree is valued for its timber, which is one of the best found in the mixed forests of India,
33	Lannea coromandelica	Shemat/ Moi/ Indian ash tree	24	It is a deciduous tree usually growing 5 - 10 metres tall but with some specimens up to 20 metres tall with a bole 45cm in diameter
34	Limonia acidissima	Kaith / Kovit / Wood Apple	37	It is multipurpose tree, both gathered from the wild and also cultivated for its edible fruit, plus its wide range of medicinal and other uses
35	Mangifera indica	Keshar, Alphonso, Sindhu, Ratna	75	It is a large, evergreen tree, attractive , fruit bearing plant
36	Madhuca longifolia	Kat-illip/ Mahua/ Indian Butter Tree	244	It is a fast-growing tree that grows to approximately 20 meters in height, possesses evergreen or semi-evergreen foliage
37	Mimusops elengi	Bakuli / Maulsari	264	It is an evergreen tree with a dense, rounded, spreading crown; it usually grows from 15 - 30 metres tall,
38	Michelia champaka	Champaca / Sonchafa	276	It is large evergreen , commonly cultivated as an ornamental and wayside tree throughout the tropics, being valued especially for its fragrant flowers
39	Millingtonia hortensis	Indian cork tree	76	It is used as traditional medicinal plant
40	Moringa oleifera	Shevga / Drumstick Tree	242	It is a deciduous tree; it usually grows 7.5 - 18 metres tall but occasionally can reach up to 10 metres.
41	Nyctanthus arbo-tristis	Parijat	27	It is a large shrub or small tree with spreading branches, growing up to 10 metres tall
42	Oroxylum indicum	Tayitu/ tetu/ Indian Trumpet Flower	34	It is a fast-growing, lanky and sparsely limbed evergreen or partly deciduous tree with an open, irregular crown; it can grow 10 - 20 metres tall
43	Punica granatum	Pomegranate	71	It is a deep-rooted but slow-growing, spiny, deciduous shrub or small tree that has an open canopy and a crown that branches from low down. It can reach a height of around 5 metres
44	Phyllanthus emblica	Amla/ Aonla- Banarasi, Krishna	227	It is a deciduous shrub or small tree; it usually grows 7.5 - 18 metres tall but occasionally can reach up to 30 metres.
45	Pongamia pinnata	Karanj/ Indian beech tree	287	It is a fast-growing, medium-sized, evergreen or briefly deciduous, glabrous shrub or tree with a broad crown of spreading or drooping branches

46	Putranjiva roxburghii	Shatputri	61	It is an evergreen tree growing up to 12 metres tall. The tree is harvested from the wild for local use as a medicine and source of beads, oil and wood.
47	Pithecellobium dulce	Vilayatichinch / Jangal jalebi	68	It is a fast-growing tree with a generally broad and spreading or rounded crown. It usually grows from 10 - 15 metres tall, but ranges between 5 and 18 metres
48	Sesbania grandiflora	Shevari/ Hatga/ Agati	58	It is quick growing, evergreen tree can grow upto 10 m
49	Sterculia foetida	Goldaru/ Jangali badam/ Indian Almond	65	It is quick growing, deciduous tree can grow upto 15 m
50	Schleichera oleosa	Kusumb/ Kusum	85	It is a rather slow-growing, briefly deciduous tree that can reach a height of 40 metres
51	Syzygium cumini	Jamun	302	It is quick growing, evergreen tree can grow upto 20 m
52	Tamarindus indicus	Imli / Tamarind	46	is quick growing, evergreen tree can grow upto 20 m
53	Terminalia arjuna	Arjun	294	t is quick growing, deciduous tree can grow upto 15 m
54	Terminalia bellarica	Baheda	238	It is quick growing, deciduous tree can grow upto 15 m
55	Terminalia catappa	Jangli badam/ Wild almond	99	It is quick growing, deciduous and can grow upto 10 mt
56	Thespesia populnea	Paras pipal/ Indian Tulip tree	171	It is quick growing, evergreen , can grow upto 10 mt height
57	Wrightia tinctoria	Kala kuda/ Kapar/ Sweet Indrajao	76	It is a deciduous tree; it can grow from 6 - 18 metres tall.ornamental , medicinal
58	Ziziphus mauritiana / jujuba	Ber- Umran, Kadaka, Sannur, Mehrun	89	It is quick growing, evergreen tree of 10 mt height
59	Acacia nilotica	Babool	90	Small tree, 2.5–14 m tall,Grows on a wide variety of soils, seemingly thriving on alluvial soils, black cotton soils, heavy clay soils, as well as even poorer soils
60	Murraya koenigii	Kari patta / Kudianim / Curry Leaf	20	A deciduous aromatic shrub with strong smell growing up to 3-5 m tall with a trunk up to 40 cm in diameter. The aromatic leaves are pinnate with 15-25 leaflets, each leaflet 2-4cm long and 1-2 cm broad. The flowers are small, white and fragrant which produce small shiny-black berries containing a single, large viable seed
61	Phoenix sylvestris	kharik/ kharjur/ Indian wild date	30	s a very tall, fast-growing, unbranched, single-stemmed palm with recurving, plumose, glaucous fronds, growing 4 - 15 metres tall[
62	Acacia ferruginea	Pandhara Khair/ kaigar/ Rusty Acacia	40	It is a seed bearing, quick growing tree having height 3-4 m

63	Ficus bengalensis	Wad / banyan	20	is an evergreen tree with a wide, spreading crown; it can grow 20 - 30 metres or more tall. The tree is harvested from the wild for its edible fruit and medicinal uses
64	Citrus aurantiifolia	Common lime/ ambatanimbu/ nimbu	40	Lime is a small, densely and irregularly branched evergreen tree growing up to 5 metres tall
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	630 kvA
	DG set as Power back-up during construction phase	630 kvA X 1 Nos
	During Operation phase (Connected load):	7966 kW
	During Operation phase (Demand load):	3708 kW
	Transformer:	6 X 630 KvA, 2 x 500 kvA, 2 X 1600 kvA
	DG set as Power back-up during operation phase:	2 X 1010 kvA + 2 X 2000 kvA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Energy Saving will be achieved by using LED efficient lights, passive cooling systems, energy efficient air conditioning, by adopting passive architectural measures (buildings are completely insulated, mutually shaded and 100 % day light buildings) low energy consuming sewage treatment plants . To off set 100 % of energy requirement 5 mW Solar PV plant will be installed (On Grid system)

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Lighting (in comparison with conventional measures)	44 %
2	Equipment (in comparison with conventional measures)	40 %
3	HVAC (in comparison with conventional measures)	55 %

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:**	4500 lacs
	O & M cost:	50 lacs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust Control	Dust Suppression	20
2	Site sanitation & safety	Sanitation	15
3	Pollution Control	Environmental monitoring	4
4	Occupational health	Health Check up	2
5	Pollution Control	Disinfection	1

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Waste Water Management	STP	285	15
2	Waste Management	OWC	15	5
3	Green Belt	Tree Plantation	50	12
4	Energy Conservation measure	Solar PV system + Energy efficient equipment	4500	50
5	Water Conservation	Rain Water Harvesting	900	5
6	Pollution Control	Air, Water , Waste water & soil Monitoring	--	3
7	Pollution Control	Air, Water , Waste water & soil Monitoring	--	3
8	Drainage System	Laying of Storm & Sewer line up to final disposal point	15	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
Diesel	Proposed	DG & HSD Yard (near BLK B)	20 Kl	20 Kl	12.75 kl	Near by oil depot	By road

52.Any Other Information

No Information Available

53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	2
Parking details:	**Number and area of basement:**	1 no. and 3816 sq. m.
	Number and area of podia:	None
	Total Parking area:	35694 Sq. M.
	Area per car:	26.19 sq. m
	Area per car:	26.19 sq. m
	Number of 2-Wheelers as approved by competent authority:	2503
	Number of 4-Wheelers as approved by competent authority:	555
	Public Transport:	Bus stop provided within site adjacent to main road
	Width of all Internal roads (m):	6.5 m, 9.0 m & 18.0 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None in 10 km radius of Project Site
	Category as per schedule of EIA Notification sheet	B1 (8 (b)
	Court cases pending if any	NO
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-

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

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 240097.517 m2, FSI area of 154266 m2, Non FSI area of 59886 m2 and total BUA of 2,14,152 m2.

The building configuration of the proposal is as below:

Building Name	Configuration	Height (m)
Security & Waiting & BLK A1	G	3.6
Bank & BLK A2	G	3.6
Health & wellness centre & BLK A3	G+2	11.25
Drivers/Workers Rest area BLK B	G+1	6.6
VC Residence & Office BLK C	G+1	6.9
Registrar RES & Office BLK D	G+1	6.9
Chancellors RES & Office & BLK E	G+1	6.9
Convection centre & Auditorium BLK F	G+3	27.25
Administartion Blocks	LG+G+2	16.35
Library BLK H	G+5	28.55
Acadamic Blocks BLK J	G+2	14.3
Sports Centre BLK K 1	G	14.05
Convenience Shops BLK K 2	B+G+4	3.5
MLCP BLK L	G+6	16.2
Boys hostel block BLK M	G+6	22.55
PG , International & 3rd Gender Hostel BLK N	G+6	22.55
Girls hostel block BLK P	G+2	22.55
Dining & Amenity Block BLK Q	G+4	14
Faculty club & Guest house BlLK R	G+1	15.9
3 BHK Row Houses BLK S1/S2	LG+G+6	6.6
3 BHK Staff Residence BLK T	LG+G+6	23.4
2 BHK Staff Residence BLK U	S+7	24.8
1 BHK Staff Residence BLK V	G	24.8
Workers Dorm & Diary	G	7.3

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(b)B1.

DECISION OF SEAC

During discussion following points emerged:

1. PP to submit revised CER incorporating: (a) Details of health and wellness centre and give head wise breakup of costing, (b) under head 'education', Rs.75 Lakh are reserved. submit item wise costing. (c) cost of ambulance shall be approx. Rs. 40 Lakh, also explain whom the ambulance will be given. (d) plant 400 trees @ Rs. 5000/- per tree and submit its location and ensure 100% survival.

2. PP to revise Traffic Impact Study mentioning clearly the growth rate assumed for Traffic Projections and the basis for the same.

3. PP to clearly show the width of the entire Fire Driveway on the Plan with proper resolution.

4. PP to revise the Driveway Cross Sections of Fire Tender Movement clearly indicating the 6 m Driveway width and 1.5 m for Services

5. PP to revise Parking Statement to include Parking Efficiency Values as per MOEF with 35 sq mt per car for Basements, 30 m2 per car for Covered Areas and 25 m2 per car for Open Areas.

6. PP to revise the Evacuation Report showing the Assembly Points, Pathways for Occupants and Cars including in the Report Floor wise Evacuation Time for Occupants, Level wise Evacuation Time for Cars tabulating the same.

7. PP to submit sewer NOC. PP to submit details of sewer line up to final disposal point.

8. PP to obtain and submit following NOC's: a) Non-biodegradable waste disposal.

9. PP to submit master layout superimposing all environmental parameters.

PP requested for time to submit the information sought; after deliberations committee asked PP to ***comply*** *with the observations and submit information to the committee for further discussion and consideration of SEAC.*

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Agenda for 112th SEAC-3 meeting scheduled on 28-29-30 July, 2020 through Video Conference

SEAC Meeting number: 112 **Meeting Date** July 30, 2020

Subject: Environment Clearance for Proposed Construction of 672 Residential Quarters For S.P. Satara, at C.S. No. 92 and 197 (286 Old) , Peth Malhar (Superintendent Of Police Head Quarters) Satara, Dist. Satara.

Is a Violation Case: No

1.Name of Project	Proposed Construction of 672 Residential Quarters For S.P. Satara.
2.Type of institution	Government
3.Name of Project Proponent	Maharashtra State Police Housing and Welfare Corporation Limited. Mumbai
4.Name of Consultant	Fine Envirotech Engineers
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	C.S. No. 92 and 197 (286 Old) , Peth Malhar (Superintendent Of Police Head Quarters) Satara, Dist. Satara.
9.Taluka	Satara
10.Village	NA
Correspondence Name:	Maharashtra State Police Housing and Welfare Corporation Limited. Mumbai.
Room Number:	Plot No-89-89A
Floor:	NA
Building Name:	Maharashtra State Police Housing and Welfare Corporation Limited. Mumbai.
Road/Street Name:	Sir Pochkhanwala Road
Locality:	Near Police Officers, Mess Worli.
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Satara Municipal Council, Satara
12.IOD/IOA/Concession/Plan Approval Number	Building Permission obtained from Satara Nagar Parishad
	IOD/IOA/Concession/Plan Approval Number: SANP/SHV/17/59201800000713 dated:2/4/2018
	Approved Built-up Area: 52257.47
13.Note on the initiated work (If applicable)	Not started
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	66,532.60 sq.mt.
16.Deductions	8,710.21 sq.mt.
17.Net Plot area	57,822.39 sq.mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 52,257.47 sq.mt
	b) Non FSI area (sq. m.): 2,532.72 sq.mt
	c) Total BUA area (sq. m.): 54790.19
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 52,257.47 sq.mt
	Approved Non FSI area (sq. m.): 2,532.72 sq.mt
	Date of Approval: 02-04-2018
19.Total ground coverage (m2)	7,796.00 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	13.48 %
21.Estimated cost of the project	1580900000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Type -II (12 nos.)	Stilt +7	24
2	Reading Room and Library (1 no.)	Ground	5
3	Site Office (1 nos.)	Ground	4

23.Number of tenants and shops	Residential Tenements- 672 nos.
24.Number of expected residents / users	Residents - 3360 nos.
25.Tenant density per hectare	300 nos.
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	12 m 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 m Wide.
29.Existing structure (s) if any	Existing structure-35 nos. [Plot No.(92 and 197(Old286), Quarters-(74/ 2, 74/ 3,74/ 4,74/ 5, 74/ 6,74/ 7,74/ 9,74/ 10,74/ 11,74/ 12,74/ 13,74/ 14,74/ 15,74/ 16,74/ 17,74/ 18,74/ 19,74/ 20,74/ 21,74/ 22,74/ 23,74/ 24,74/ 25,74/ 26,74/ 63,74/ 72,74/ 81), Police Hospital, Toilet Blocks, Bomb Shodhak Pathak, Dog Shed, Rest Room, Mess, Store Room, Garbage Basin,Shed,15)
30.Details of the demolition with disposal (If applicable)	The quantity for dismantling of stone masonry and other structures is 11,700.00 Cum. Out of this quantity approx .4400.00 Cum stone will be reused onsite and cost of approx. 3800.00 Cum Stone will be recovered from contractor. Remaining 3500 Cum of debris will be disposed off at authorized locations.

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**	Satara Municipal Council, Satara.
	Fresh water (CMD):	302
	Recycled water - Flushing (CMD):	151
	Recycled water - Gardening (CMD):	36
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	489
	Fire fighting - Underground water tank(CMD):	Nil
	Fire fighting - Overhead water tank(CMD):	Type II (12 nos)-25 Cum each - Total 300 Cum
	Excess treated water	66
Wet season:	**Source of water**	Satara Municipal Council, Satara.
	Fresh water (CMD):	302
	Recycled water - Flushing (CMD):	151
	Recycled water - Gardening (CMD):	Nil
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	453
	Fire fighting - Underground water tank(CMD):	Nil
	Fire fighting - Overhead water tank(CMD):	Type II (12 nos)-25 Cum each - Total 300 Cum
	Excess treated water	102
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:**	35 m
	Size and no of RWH tank(s) and Quantity:	Nil
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	13 nos.
	Size of recharge pits :	2 m x 2 m
	Budgetary allocation (Capital cost) :	7 Lakhs
	Budgetary allocation (O & M cost) :	0.25 Lakh /year
	Details of UGT tanks if any :	Type II (6 nos) -347.5 cum Type II (6 nos) -347.5 cum
35.Storm water drainage	**Natural water drainage pattern:**	Rectangular
	Quantity of storm water:	428 m3/day
	Size of SWD:	600 mm Width Truff Gutter
Sewage and Waste water	**Sewage generation in KLD:**	362 kld
	STP technology:	Green Sewage Treatment Plant
	Capacity of STP (CMD):	1no. of STP of capacity 365 kld
	Location & area of the STP:	Location of STP-Ground and area of STP is 480 sq.mt.
	Budgetary allocation (Capital cost):	89.76 Lakhs
	Budgetary allocation (O & M cost):	4.00 Lakhs /year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Waste will be generated during excavation and other construction activities
	Disposal of the construction waste debris:	Excavated materials shall be used for backfilling, leveling and remaining will be disposed by handed over to authorized contractor.
Waste generation in the operation Phase:	**Dry waste:**	672 kg/day
	Wet waste:	1008 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	11 kg
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Dry wastes will be handed over to authorized agency/recycler
	Wet waste:	Wet waste will be processed in the organic waste converter and manure generated shall be used for gardening purposes
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure for gardening
	Others if any:	NA
Area requirement:	**Location(s):**	Ground
	Area for the storage of waste & other material:	464 sq.mt
	Area for machinery:	185 sq.mt
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	15 Lakhs
	O & M cost:	3 Lakhs / year

37.Effluent Charecterestics

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

43.Green Belt Development	**Total RG area :**	7,200 sq.mt
	No of trees to be cut :	572 nos.
	Number of trees to be planted :	768 nos.
	List of proposed native trees :	Karanj, Apta, Kadamb, Bahava, Sita Ashoka, Bakul, Shirish, Neem, Mango, Son Chapa
	Timeline for completion of plantation :	2 Year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Pongamia pinnata	Karanj	60 nos.	Shady tree
2	Bauhinia racemosa	Apta	80 nos.	Small tree with small white flowers, Butterfly host plant
3	Anthocephallus cadamba	Kadamb	60 nos.	Shady, large tree with ball shaped flowers
4	Cassia fistula	Bahava	80 nos.	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
5	Saraca asoka	Sita Ashok	150 nos.	Shady tree with red-yellow flowers
6	Mimusops elengi	Bakul	80 nos.	Shady tree, small white fragrant flowers
7	Albizia lebbeck	Shirish	75 nos.	Shady tree, yellowish green fragrant flowers
8	Azadiracta indica	Neem	46 nos.	Large tree, good for roadside plantation
9	Magnifera indica	Mango	57 nos.	Fruits bearing tree
10	Michalia champaca	Son chapa	80 nos.	Medium sized evergreen tree
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	25 KW
	DG set as Power back-up during construction phase	30 KVA
	During Operation phase (Connected load):	1721 KW
	During Operation phase (Demand load):	1204 KW
	Transformer:	3 nos of 630 KVA
	DG set as Power back-up during operation phase:	2 DG set of capacity 140 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

1. Using LED fixture in parking area, lift- lobby and staircase.
2. Using LED in place of Metal Halide in external lights.
3. Using On Grid Solar generation for each building.
4. Using LED fixture in all the internal toilet area.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Using LED fixture in parking area, lift- lobby and staircase. Using LED in place of Metal Halide in external lights. Using On Grid Solar generation for each building. Using LED fixture in all the internal toilet area.	7

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:**	104 Lakhs
	O & M cost:	3.53 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	Site Safety	Barricading and dust suppression	9
2	Sanitary facility and waste water management	Water	18

3	Solid waste management	Solid waste	15
4	Occupation health and safety	Health checkup of workers, disinfection at site, first aid facility, personal protective equipment	10
5	Environmental Monitoring	Air, Noise, Water, Biological	07

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment plant	1 no. of STP of capacity 365 kld	89.76	4.0
2	Rain Water Harvesting System	Recharge pits	7	0.25
3	Solid Waste Management	OWC, Manpower and colored dustbins	15	3.0
4	Green Belt Development	Landscaping and tree plantation	20	3
5	Energy Saving Measures	LED lights for common area lighting and using on grid solar generation	104	3.53

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:	4 nos.

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	6213 sq.mt.
	Area per car:	27.25 sq.mt.
	Area per car:	27.25 sq.mt.
	Number of 2-Wheelers as approved by competent authority:	684 nos.
	Number of 4-Wheelers as approved by competent authority:	228 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	12m , 9m, 6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a) -B2 Category
	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 had submitted application for prior Environmental clearance for total plot area of 66352.60 m2, FSI area of 52257.47 m2, Non FSI area of 2532.72 m2 and total BUA 54790.19 m2.

The building configuration of the proposal is as below:

Sr	Building Name & number	Number of floors	Height (m)
1	Type -II (12 nos.)	Stilt +7	24
2	Reading Room and Library (1 no.)	Ground	5
3	Site Office (1 nos.)	Ground	4

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

DECISION OF SEAC

During discussion following points emerged:

1. PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018 along with details of fund utilization & agreement or consent of executor.

2. PP to submit sewer NOC and details of sewer line arrangements up to final disposal point.

3. PP has mentioned that STP is proposed on novel technology for which IP is from IIT-B. PP to submit licensed agreement with IIT-B and the design details.

4. PP to submit specific remarks / NOC from the competent authority for training the nalla.

5. PP to submit following NOCs : (a) water supply, (b) e-waste management, (c) CFO.

PP requested for time to submit the information sought; after deliberations committee asked PP to ***comply*** *with the observations and submit information to the committee for further discussion and consideration of SEAC.*

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Agenda for 112th SEAC-3 meeting scheduled on 28-29-30 July, 2020 through Video Conference

SEAC Meeting number: 112 **Meeting Date** July 30, 2020

Subject: Environment Clearance for Expansion of Runwal Paradise at S. No. 98/1, Bhusari Colony, Kothrud, Pune by Runwal Realtors Pvt. Ltd.

Is a Violation Case: No

1.Name of Project	Runwal Paradise
2.Type of institution	Private
3.Name of Project Proponent	Ankush Parakh
4.Name of Consultant	MITCON Consultancy & Engineering Services Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 98/1, Bhusari Colony
9.Taluka	Haveli
10.Village	Kothrud
Correspondence Name:	Ankush Parakh, Runwal Realtors Pvt. Ltd.
Room Number:	NA
Floor:	1st Floor
Building Name:	Runwal Plaza
Road/Street Name:	Karve Road
Locality:	Opp. to Sonal Hall
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	CC/3238/16 dated 13.01.2017
	IOD/IOA/Concession/Plan Approval Number: CC/3238/16 dated 13.01.2017
	Approved Built-up Area: 27360.05
13.Note on the initiated work (If applicable)	Building A, C, D, E & Row Houses are completed before year 2005 having a Total Built up Area= 17608.94 Sq. m.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CC/3238/16 dated 13.01.2017
15.Total Plot Area (sq. m.)	13456.0
16.Deductions	4112.62 Sq. m.
17.Net Plot area	9343.38
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 14460.76
	b) Non FSI area (sq. m.): 14340.87
	c) Total BUA area (sq. m.): 28801.63
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 14460.76
	Approved Non FSI area (sq. m.): 14340.87
	Date of Approval: 13-01-2017
19.Total ground coverage (m2)	3228.58
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.99
21.Estimated cost of the project	150000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A (Existing)	P+7	22.80
2	Wing B (Proposed)	LP+UP+11	42.1
3	Wing C (Existing)	P+7	22.80
4	Wing D (Existing)	P+7	22.80
5	Wing E (Existing)	P+7	22.80
6	Row Houses (Existing)	P+2	8.90
7	Amenity Building (Proposed)	LP + UP + 6 Floor	27.30

23.Number of tenants and shops	Existing: 154 Flats, Proposed: 44 Flats + Offices, Total:198 Tenements
24.Number of expected residents / users	Existing: 770, Proposed: 465, Total: 1235
25.Tenant density per hectare	250
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	9 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 m
29.Existing structure (s) if any	Wing A, C, D, E & Row Houses
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**	Pune Municipal Corporation
	Fresh water (CMD):	25
	Recycled water - Flushing (CMD):	16
	Recycled water - Gardening (CMD):	5.0
	Swimming pool make up (Cum):	0.0
	Total Water Requirement (CMD) :	46
	Fire fighting - Underground water tank(CMD):	50
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	19
Wet season:	**Source of water**	Pune Municipal Corporation
	Fresh water (CMD):	25
	Recycled water - Flushing (CMD):	16
	Recycled water - Gardening (CMD):	0.0
	Swimming pool make up (Cum):	0.0
	Total Water Requirement (CMD) :	41
	Fire fighting - Underground water tank(CMD):	50
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	24
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	104	25	129	11	5	16	93	20	113
Gardening	2	3	5	2	3	5	0	0	0
Fresh water requirement	104	25	129	11	5	16	93	20	113

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	8-10 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	2 Nos.
	Size of recharge pits :	2.0 m x 1.0 m x 2.0 m depth
	Budgetary allocation (Capital cost) :	2.0 Lakhs
	Budgetary allocation (O & M cost) :	0.25 Lakhs/year
	Details of UGT tanks if any :	1 No. of UGT is proposed having Total Capacity of 50.0 cmd capacity
35.Storm water drainage	**Natural water drainage pattern:**	Slope is from North to South Direction
	Quantity of storm water:	50.0 cum
	Size of SWD:	450 mm x 450 mm
Sewage and Waste water	**Sewage generation in KLD:**	36.0
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No. x 40 cmd
	Location & area of the STP:	East side of Amenity Building
	Budgetary allocation (Capital cost):	30.0 Lakhs
	Budgetary allocation (O & M cost):	3.0 Lakhs/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Domestic Waste= 15 kg/d, Excavation: 72 cum Top Soil, 253 Cum Soft Rock
	Disposal of the construction waste debris:	Will be used for back filling & site leveling
Waste generation in the operation Phase:	**Dry waste:**	Existing: 96.3 Kg/d, Proposed: 75.3 Kg/d, Total: 171.6 Kg/d
	Wet waste:	Existing: 250.3 Kg/d, Proposed: 89.9 Kg/d, Total: 340.2 Kg/d
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	4.0 Kg/d
	Others if any:	E Waste= 56.9 Kg/year

Mode of Disposal of waste:	**Dry waste:**	Will be handed over to authorized recycler
	Wet waste:	Will be composted on site by OWC & generated manure will be used for gardening/landscape
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be composted on site & generated manure will be used for gardening/landscape
	Others if any:	E- Waste will be handed over to authorized vendor/recycler/reprocessor
Area requirement:	**Location(s):**	Near STP
	Area for the storage of waste & other material:	12.0 Sq. m.
	Area for machinery:	20.0 Sq. m.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	15.0 Lakhs
	O & M cost:	1.0 Lakhs/year

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Diesel	Diesel= 21.6 lit/hr.	1	2.5	0.2	150 deg. Celsius

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	0 lit/hr	21.6 lit/hr.	21.6 lit/hr.
41.Source of Fuel		Local Vendor		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	**Total RG area :**	1345.6 Sq. m.
	No of trees to be cut :	0
	Number of trees to be planted :	17 Nos.
	List of proposed native trees :	Attached
	Timeline for completion of plantation :	1 Year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahava	5	Flowering Plant
2	Roystonea regia	Royal Palm	5	Beautification
3	Ailathus excelsa	Maharukh	4	Beautification
4	Azadirachta indica	Neem	3	Medicinal Value
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	16 KW
	DG set as Power back-up during construction phase	1 No. x 20 KVA
	During Operation phase (Connected load):	451 KW
	During Operation phase (Demand load):	266 KW
	Transformer:	1 No. x 315 KVA (Proposed) & 1 No. x 630 KVA (Existing)
	DG set as Power back-up during operation phase:	1 x 125 KVA (For B Building) & 1 x 20 KVA (For Amenity)
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Use of Solar Water Heating, LED's & PV Panels.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of Solar Water Heating, LED's & PV Panels.	14.0 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG Set	Not applicable	Stack & Acoustic Enclosure

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	12.0 Lakhs
	O & M cost:	0.25 Lakhs/year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental Monitoring	PM10, PM2.5, SO2, NOx, CO, Equivalent noise level, Analysis of water for physical, chemical, biological parameters	3.0
2	Air Environment	Water For Dust Suppression	1.5
3	Site Sanitation	Site Sanitation	1.5
4	Disinfection	Pest Control	0.5
5	First Aid Facilities	First Aid Facilities	0.5
6	Health Check Up	Health Check Up	1.5
7	Personal protective equipment	Personal protective equipment	2.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure	0	5.0
2	Water	RWH	1.0	0.25
3	Water	STP	30.0	3.0
4	Energy	Solar PV Cells	12.0	0.25
5	Solid waste	Solid waste management	15.0	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:	One
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	3201.4 Sq. m.
	Area per car:	12.5 Sq. m.
	Area per car:	12.5 Sq. m.
	Number of 2-Wheelers as approved by competent authority:	Scooter: 253, Cycles: 99
	Number of 4-Wheelers as approved by competent authority:	99
	Public Transport:	PMC Transport Available
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)- Building & Construction Projects
	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

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

Brief information of the project by SEAC

PP requested to delist the application. The Committee recommended SEIAA to ***delist*** the application bearing SEIAA Statement number "0000002456".

DECISION OF SEAC

PP requested to delist the application. The Committee recommended SEIAA to ***delist*** the application bearing SEIAA Statement number "0000002456".

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEAC decision above.

Agenda for 112th SEAC-3 meeting scheduled on 28-29-30 July, 2020 through Video Conference

SEAC Meeting number: 112 **Meeting Date** July 30, 2020

Subject: Environment Clearance for Minor Modernization in previous EC

Is a Violation Case: No

1.Name of Project	Gagan Unnati
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sushil Agarwal
4.Name of Consultant	NA
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Minor Modernization in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance is obtained for existing project vide No. SEIAA - EC - 000000206 dated 12 March 2018 for 46557.9 sq.m
8.Location of the project	S. No. 56, Hissa No. 8,9 (P) , 10 (P) , Katraj Kondhwa Road , Kondhawa Budruk, Pune 411048
9.Taluka	Haveli
10.Village	NA
Correspondence Name:	Mr. Mitesh Shah
Room Number:	15/B
Floor:	2nd
Building Name:	Wellesley Court
Road/Street Name:	Wellesley Road
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	PMC
12.IOD/IOA/Concession/Plan Approval Number	Yes
	IOD/IOA/Concession/Plan Approval Number: Sanction Plan is approved from PMC vide No. CC/1516/18 dated 16.08.2018
	Approved Built-up Area: 48672.71
13.Note on the initiated work (If applicable)	Total Constructed work 46356.81 sq.m as per sanction plan vide no. CC/1516/18 dated 16.08.2018
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	AS per previous EC - 23400 sq.m, Total - 23400 sq.m
16.Deductions	AS per previous EC - 11323.63 sq.m, Total - 11323.63 sq.m
17.Net Plot area	AS per previous EC - 12076.37 sq.m, Total - 12076.37 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 24178.14 sq.m
	b) Non FSI area (sq. m.): 24744.15 sq.m
	c) Total BUA area (sq. m.): 48922.29
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 23931.14 sq.m
	Approved Non FSI area (sq. m.): 24741.57 sq.m
	Date of Approval: 16-08-2018
19.Total ground coverage (m2)	As per previous EC - 3951.71 sq.m, Total - 2098.92 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	As per previous EC - 16.88 %, Total - 17.38 % sq.m
21.Estimated cost of the project	800000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	As per Previous EC - B1 + B2 + G + 20 , Total - B1 + B2 + G + 20	69.80
2	B	As per Previous EC - B1 + B2 + G + 20 , Total - B1 + B2 + G + 20	69.80
3	C	As per Previous EC - B1 + B2 + G + 20 , Total - B1 + B2 + G + 20	69.80
4	D (MHADA)	As per Previous EC - P + 6 , Total - P + 6	20.25
5	E	As per Previous EC - G + 2 (Row Houses) , Total - G + 6	24.0
6	Recreational Hall	As per Previous EC - G + 0 , Total - G + 0	11.58

23.Number of tenants and shops	As per previous EC - (Residential - 204, MHADA - 24, Commercial - 1142.40 sq.m) , Total - (Residential - 212, MHADA - 24, Commercial - 1424.00 sq.m)
24.Number of expected residents / users	As per previous EC - (Residential - 1020, MHADA - 120, Commercial - 380) , Total - (Residential -1060 , MHADA - 120, Commercial - 475)
25.Tenant density per hectare	250 tenements / 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)	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	4 buildings A ,B ,C ,D (Mhada), Recreational Hall as per previous EC
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

32.Total Water Requirement

Dry season:	**Source of water**	PMC
	Fresh water (CMD):	As per previous EC - 114 KLD, Total - 121 KLD
	Recycled water - Flushing (CMD):	As per previous EC - 73 KLD, Total - 78 KLD
	Recycled water - Gardening (CMD):	As per previous EC - 13 KLD, Total - 13 KLD
	Swimming pool make up (Cum):	As per previous EC - 2 KL , Total - 2 KL
	Total Water Requirement (CMD) :	As per previous EC - 200 KLD, Total - 212 KLD
	Fire fighting - Underground water tank(CMD):	As per previous EC - 300 KLD, Total - 300 KLD
	Fire fighting - Overhead water tank(CMD):	As per previous EC - 20 KLD/building, For MHADA - 10 KLD , Total - 20 KLD/building, For MHADA - 10 KLD
	Excess treated water	As per previous EC - 89 KLD, Total - 92 KLD
Wet season:	**Source of water**	PMC
	Fresh water (CMD):	As per previous EC - 114 KLD, Total - 121 KLD
	Recycled water - Flushing (CMD):	As per previous EC - 73 KLD, Total - 78 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	As per previous EC - 2 KL , Total - 2 KL
	Total Water Requirement (CMD) :	As per previous EC - 187 KLD, Total - 199 KLD
	Fire fighting - Underground water tank(CMD):	As per previous EC - 300 KLD, Total - 300 KLD
	Fire fighting - Overhead water tank(CMD):	As per previous EC - 20 KLD/building, For MHADA - 10 KLD , Total - 20 KLD/building, For MHADA - 10 KLD
	Excess treated water	As per previous EC - 103 KLD, Total - 105 KLD

Details of Swimming pool (If any)	Dimension of Main Swimming Pool: 12 m X 6 m X 1.2 m Area of Main Swimming pool – 72 sq.m Total water Requirement in KL: - 85 KL Water requirement for make up in KLD: 2 KLD Details of Plant & Machinery used for treatment of Swimming pool water: High rate sand filter, multi-port valve, hair & lint strainers, pump, floor drains, vacuum points, & floor inlets. Details of quality to be achieved for swimming pool water and parameters to be monitored: Sr. No. Characteristics Values 1 pH Value 7.2 to 7.5 2 Total alkalinity (as CaCO3), mg/l 50 to 500 mg/l 3 Aluminium (As Al), mg/l 0.1 4 Total residual chlorine, mg/l a) Inlet max 0.5 mg/l b) Outlet min 0.2 mg/l 5 Total dissolved solids, mg/l 1500 mg/l 6 Chlorides (as Cl), mg/l 500 7 Colour, Hazen Units 10 8 Turbidity, NTU 10 9 Coli forms (MPN) <10 per 100 ml

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Fresh water requirement	114 KLD	4 KLD	121 KLd	11 KLD	0.4 KLD	12.1 KLD	103 KLD	3.7 KLD	108.9 KLD
Gardening	13 KLD	NA	13 KLD	13 KLD	NA	13 KLD	NA	NA	NA

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	6.6 m below ground
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	25
	Size of recharge pits :	2 m x 1.2 m x 1 m
	Budgetary allocation (Capital cost) :	Rs. 10.0 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.0 Lakh/yr.
	Details of UGT tanks if any :	Capacity of UGT for A,B,C,E building : Raw water tank - 52.95 KLD Treated water tank - 105.9 KLD Fire Fighting tank - 300 KLD Capacity of UGT for MHADA Raw Water tank - 8.1 KLD Treated water tank - 8.1 KLD
35.Storm water drainage	**Natural water drainage pattern:**	As per contour
	Quantity of storm water:	10,000 Kl/yr.
	Size of SWD:	300 mm
Sewage and Waste water	**Sewage generation in KLD:**	As per previous EC - 159 KLD , Total - 167 KLD
	STP technology:	FAB
	Capacity of STP (CMD):	STP 1 - 160 KLD , STP 2 - 20 KLD
	Location & area of the STP:	Please refer Service Layout
	Budgetary allocation (Capital cost):	Rs. 40 Lakh
	Budgetary allocation (O & M cost):	Rs. 8.0 Lakh/yr.

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	1 % of raw material
	Disposal of the construction waste debris:	Excavated earth material will be used for filling a material for plinth area and top soil for landscaping
Waste generation in the operation Phase:	**Dry waste:**	As per previous EC - 238 kg/day, Total - 281 kg/day
	Wet waste:	As per previous EC - 344 kg/day, Total - 382 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	27.5 kg/day
	Others if any:	E waste - Residential - 590 kg/yr. Commercial - 475 kg/yr.

Mode of Disposal of waste:	**Dry waste:**	Through authorized vendour - SWaCH
	Wet waste:	Through mechanical composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	27.5 kg/day
	Others if any:	NA
Area requirement:	**Location(s):**	Please refer service layout
	Area for the storage of waste & other material:	56.82 sq.m
	Area for machinery:	13.18 sq.m
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 15 Lakh
	O & M cost:	Rs. 6.0 Lakh/yr.

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	---	7.0 - 8.5	6.5 - 7.5	----
2	COD	mg/lit	300 - 400	less than 30	Not to exceed 100 mg/ lit.
3	BOD	mg/lit	250 - 300	less than 5	Not to exceed 10 mg/ lit.
4	TSS	mg/lit	350 - 450	less than 5	Not to exceed 50 mg/ lit.
5	Oil & Grace	mg/lit	10	less than 5	----
6	TDS	mg/lit	------	less than 1000	-----
7	Total Nitrogen	mg/lit	40 - 50	less than 10	----
8	Amonical Nitrogen	mg/lit	204 - 300	less than 1	----
9	Total Phosphate	mg/lit	205 - 300	less than 2	----
10	Feacal Coliform	MPN/ 100 ml	10^6/100	N.D	----

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	LSD	42.6 lit./hr	NA	42.6 lit./hr @ 75 % loading
41.Source of Fuel		NA		
42.Mode of Transportation of fuel to site		NA		

43.Green Belt Development	**Total RG area :**	1941.79 sq.m
	No of trees to be cut :	NA
	Number of trees to be planted :	292
	List of proposed native trees :	As per below list
	Timeline for completion of plantation :	Till mid of construction

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ficus retusa	Nandruk	10	Shady tree good for road side plantation
2	Bauhenia recemosa	Apta	7	Drought resistant, good air purifier & have medicinal properties
3	Butea monosparma	Palas	25	Good for water logged regions, have medicinal properties & larval host for butterflies
4	Largerstromia speciosa	Flos reginae	14	Used as avenue tree & also used in small gardens
5	Michelia champaca	Son chafa	24	Good for ornamental purpose
6	Pongamia pinnata	Karanj	9	oily leaves profuse white flowers . Good for ecological restoration
7	Anthocephalus kadamba	Kadamb	32	Good for road side plantation
8	Azadiracta indica	Neem	33	Air purifier & medicinal properties
9	Nyctanthes arboritis	Parijatk	13	Delightfully fragrant tree
10	Albiziz lebbek	Shirish	22	Shady tree
11	Cassia fistula	Bahava	15	Larval host for butterflies, grows in less
12	Largerstromia speciosa	Flos reginae	15	Used as avenue tree & also used in small gardens
13	Erythrina indica	Pangara	18	Quick growing & have orange flowers
14	Ficus retusa	Nandruk	3	shady tree & good for road side plantation

15	Bauhenia recemosa	Apta	8	Drought resistant, good for air purifier , & have medicinal properties
16	Butea monosparma	Palas	8	Good for water logged regions, have medicinal properties & larval host for butterflies
17	Michelia champaca	Son chafa	21	Good for ornamental purpose
18	Albizia lebbek	Shirish	15	Shady tree & Use for road side plantation
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)	75 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	2119 KW
	During Operation phase (Demand load):	1038 KW
	Transformer:	630 KVA x 2 No.
	DG set as Power back-up during operation phase:	250 KVA X 1 No. 45 KVA X 1 No.
	Fuel used:	For 250 KVA - 42.6 Lit. /hr. & for 45 KVA – 8.7 Lit. / hr. @ 75 % loading
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

- Auto Timer control for external & Common lighting
- Use of CFL / LED lamps in all public & common areas
- Solar powered water heating
- Electronic V3F Drives for Elevators
- Solar PV panel power for common area lighting

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV panels	20250 KWH/ Anum
2	Timer logic controller	79169 KWH/Anum
3	Electronic V3F drive for lifts	26684 KWH/Anum
4	Solar Water Heater	410640 KWH/Anum

5	Total Saving	536743 KWH/Anum (17.18 %)

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage generation	STP	STP
Wet Garbage	OWC	OWC

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 71 Lakh
	O & M cost:	Rs. 3.5 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	Erosion control	Dust suppression measures & Barricades	2.0
2	Site Safety	Nets & Barricades	3.0
3	Site sanitation	Provide public toilets	1.5
4	Disinfection & Health check up	Health check up camp for labours	2.0
5	Environmental Monitoring	Air, Water , Noise monitoring	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	STP (including external drainage connection)	To treat waste water	40.0	8.0
2	Rain water harvesting	To save water	10.0	1.0
3	Solid waste management	Wet waste convert it into manure & dry waste disposed off through vendor	15.0	6.0
4	Storm water networking	Collection of rain water	15.0	1.0
5	Swimming Pool	----	25.0	5.0
6	Landscape development	To maintain greenary	16.0	9.0
7	Energy Saving	To save Electrical energy	71.0	3.5
8	Environmental Monitoring	Monitoring of Air, Water , Noise	---	1.6
9	Safety training & awarness	Safety Training for labour	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
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	17719.07sq.m
	Area per car:	Basement 35 sq.m , Closed - 30 sq.m, open - 25 sq.m
	Area per car:	Basement 35 sq.m , Closed - 30 sq.m, open - 25 sq.m
	Number of 2-Wheelers as approved by competent authority:	659
	Number of 4-Wheelers as approved by competent authority:	441
	Public Transport:	NA
	Width of all Internal roads (m):	6 M
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a (B2)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes

	Date of online submission	10-04-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

PP submitted their application for prior Environmental clearance for total plot area of 23,400.00 m2, FSI area of 24178.14 m2, Non FSI area of 24744.15 m2 and total BUA of 48922.29 m2.

The brief details of the proposal are as below:

Proposal Number	SEIAA – STATEMENT - 0000001685	
Name of Project	Gagan Unnati	
Project category	8a (B2)	
Type of Institution	Private	
Project Proponent	Name	Sushil Agarwal
	Regd. Office address	15/B, 2nd floor, Wellesley Court, Wellesley Rd, Camp, Pune
Applied for	Minor Modernization in existing project	
Details of previous EC	Environmental Clearance is obtained for existing project vide No. SEIAA - EC - 000000206 dated 12 March 2018 for 46557.9 sq. m	
Location of the project	S. No. 56, Hissa No. 8, 9 (P) , 10 (P) , Katraj KondhwaRoad , Kondhawa Budruk, Pune 411048	
Latitude and Longitude	Latitude 18°27'0.67"N Longitude 73°52'51.32"E	
Total Plot Area (m2)	As per previous EC - 23400 sq.m, Total - 23400 sq.m	
Deductions (m2)	As per previous EC - 11323.63 sq.m, Total - 11323.63 sq.m	
Net Plot area (m2)	As per previous EC - 12076.37 sq.m, Total - 12076.37 sq.m	
Proposed FSI area (m2)	FSI area (sq. m.): 24178.14 sq.m	
Proposed non-FSI area (m2)	Non FSI area (sq. m.): 24744.15 sq.m	
Proposed TBUA (m2)	Total BUA area (sq. m.): 48922.29 sq.m	
TBUA (m2) approved by Planning Authority till date	Approved Built-up Area: 48672.71 Sanction Plan is approved from PMC vide No. CC/1516/18 dated 16.08.2018	
Ground coverage (m2) & %	As per previous EC - 3951.71 sq.m, Total - 2098.92 sq.m As per previous EC - 16.88 %, Total - 17.38 % sq.m	
Total Project Cost (Rs.)	800000000	

CER as per MoEF& CC circular dated 01/05/2018	Activity	Location	Cost (Rs.)	Duration
	Infrastructure Creation of Drinking water supply	Adjoining plot of Gagan Unnati project	6.0 Lkah	2019 - 2020

Details of Building Configuration :

<Please use following legends: Floor = F , Parking = Pk, Podium = Po, Stilt =St, Lower Ground = LG, Upper Ground = UG, Basement = B, Shops = Sh>

Reason for Modification / Change

Previous EC / Existing Building			Proposed Configuration			
Building Name	Configuration	Height (m)	Building Name	Configuration	Height (m)	
A	B1 + B2 + G + 20	69.80	A	B1 + B2 + G + 20	69.80	
B	B1 + B2 + G + 20	69.80	B	B1 + B2 + G + 20	69.80	
C	B1 + B2 + G + 20	69.80	C	B1 + B2 + G + 20	69.80	
D (MHADA)	P + 6	20.25	D (MHADA)	P + 6	20.25	
E	G + 2 (Row Houses)	10.36	E	G + 6	24.0	
Recreational Hall	G + 0	11.58	Recreational Hall	G + 0	11.58	
Total number of tenements	As per previous EC : Residential - 204, MHADA - 24, Commercial - 1142.40 sq.m Total : Residential - 212, MHADA - 24, Commercial - 1424.00 sq.m					

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

DECISION OF SEAC

PP has complied with the points raised in 81st meeting of SEAC-3.

*SEAC decided to **recommend** the proposal for prior environmental Clearance.*

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Agenda for 112th SEAC-3 meeting scheduled on 28-29-30 July, 2020 through Video Conference

SEAC Meeting number: 112 **Meeting Date** July 30, 2020

Subject: Environment Clearance for Proposed Residential & Commercial development.

Is a Violation Case: Yes

1.Name of Project	DREAMS NANDINI
2.Type of institution	Private
3.Name of Project Proponent	Dreams Corporation Pvt. Ltd
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory) Lab Gazetted by MoEf - Govt. Of India. NABET Certificate no:NABET/EIA1417/RA010
5.Type of project	Proposed Residential & Commercial development.
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 69 A, 69 B/1, 69 B/2, 69 C, Manjari Budruk, Pune, State - Maharashtra.
9.Taluka	Haveli
10.Village	Manjari Budruk
Correspondence Name:	Dreams Group,
Room Number:	301
Floor:	3
Building Name:	City Mall,
Road/Street Name:	University Road,
Locality:	Ganesh Khind
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	We have received NA order vide PRH/NA/SR/413/10 and PRH/NA/SR/882/14
	IOD/IOA/Concession/Plan Approval Number: We have received NA order vide PRH/NA/SR/413/10 and PRH/NA/SR/882/14
	Approved Built-up Area: 54229.81
13.Note on the initiated work (If applicable)	We have received NA order vide PRH/NA/SR/413/10 and PRH/NA/SR/882/14 and we have initiated construction as per the same. Till now we have completed construction of 29382.91 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	26520.82
16.Deductions	2006.30
17.Net Plot area	24514.52
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 30437.72
	b) Non FSI area (sq. m.): 23792.09
	c) Total BUA area (sq. m.): 54229.81
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 21465.47
	Approved Non FSI area (sq. m.): 13897.79
	Date of Approval: 09-10-2014
19.Total ground coverage (m2)	5657.24
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.3
21.Estimated cost of the project	827100000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Residential	B+P+10	31.35
2	Residential & commercial	G+P+15	49.95
3	Row House	G+1	6.45
4	Bungalow	G+1	7.80
5	Commercial	G+ 4	18.00

23.Number of tenants and shops	Total no. of Tenants: - 426 Nos. Shops = 15(I wing) , Offices = 16(I wing -14, H wing- 2) Showroom = 1(H wing)
24.Number of expected residents / users	Number of expected residents (Fixed):- 2130 nos. Number of expected residents (Floating) :- 630 nos.
25.Tenant density per hectare	174
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	45 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the building is 9 m.
29.Existing structure (s) if any	Buildings A-F, Bungalow, Row house, Club house and Services with total construction built up area 29382.91 sq.m
30.Details of the demolition with disposal (If applicable)	Demolished debris will be used for levelling of plot & recyclable waste will be handed over to recyclers.

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**	Grampanchayat & Tanker
	Fresh water (CMD):	207
	Recycled water - Flushing (CMD):	113
	Recycled water - Gardening (CMD):	28
	Swimming pool make up (Cum):	02
	Total Water Requirement (CMD) :	200
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	54
	Excess treated water	125
Wet season:	**Source of water**	Grampanchayat & Tanker
	Fresh water (CMD):	207
	Recycled water - Flushing (CMD):	113
	Recycled water - Gardening (CMD):	28
	Swimming pool make up (Cum):	02
	Total Water Requirement (CMD) :	200
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	54
	Excess treated water	153
Details of Swimming pool (If any)	The dimension of Swimming Pool: • 12.18m X 7.01 m X 1.2m • 4m diameter • Total water Requirement in KLD: 92 Water requirement for make up in KLD: 2	

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	207	207	Not applicable	32	32	Not applicable	175	175
Domestic	Not applicable	113	113	Not applicable	00	00	Not applicable	113	113
Gardening	Not applicable	28	28	Not applicable	28	28	Not applicable	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	6-8 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	7
	Size of recharge pits :	1m x 1 m x 1 m
	Budgetary allocation (Capital cost) :	3.50 Lacs
	Budgetary allocation (O & M cost) :	0.70 0Lacs/annum
	Details of UGT tanks if any :	UGTs are provided
35.Storm water drainage	**Natural water drainage pattern:**	south west to north
	Quantity of storm water:	0.20 m3/sec
	Size of SWD:	0.15 to 0.60 diameter RCC pipe
Sewage and Waste water	**Sewage generation in KLD:**	270 + 18
	STP technology:	SMBR + RMBR
	Capacity of STP (CMD):	288 + 22
	Location & area of the STP:	155m3 near E & F building, 132 m3 & 22 m3 near commercial building
	Budgetary allocation (Capital cost):	91.80 Lacs
	Budgetary allocation (O & M cost):	13.63 Lacs/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	25 Kg/day
	Disposal of the construction waste debris:	15453.51 Cum.
Waste generation in the operation Phase:	**Dry waste:**	575 Kg/day
	Wet waste:	795 Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	30
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	Handed over to authorized recyclers
	Wet waste:	Organic Waste Convertor
	Hazardous waste:	Handed over to authorized recyclers
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	NA
Area requirement:	**Location(s):**	Near E-F wing & I wing
	Area for the storage of waste & other material:	55.32 Sq. m.
	Area for machinery:	included in above mentioned
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	29.60 Lacs
	O & M cost:	9.60 Lacs/annum

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	HSD Day Oil Tank	3	5	0.3	490

40.Details of Fuel to be used

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

43.Green Belt Development	**Total RG area :**	2654.64 Sqm
	No of trees to be cut :	10
	Number of trees to be planted :	246
	List of proposed native trees :	346
	Timeline for completion of plantation :	2020

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	Albizia lebbeck	Shirish,	20	Shady tree, yellowish green fragrant flowers
2	Bauhinia racemosa	Apta	20	Small tree with small white flowers, Butterfly host pl
3	Michelia champaca	Son chafa	16	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
4	Putranjiva roxburghii	Putranjiva,	16	Medium sized evergreen tree,
5	Nyctanthes arbor-tristis	Parijatak	15	Small deciduous fast growing tree, beautiful flowrers.
6	Murraya paniculata	Kunti,	20	Small tree, Fragrant white flowers, Butterfly host plant
7	Anthocephallus cadamba	Kadamb	12	Shady, large deciduous tree, fast-growing graceful tree, ball shaped flowers
8	Butea monosperma	Palas / Flame of the forest,	08	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
45.Total quantity of plants on ground				

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

Serial Number	Name	C/C Distance	Area m2
1	NA	00	00

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	2686 KVA
	During Operation phase (Demand load):	1770 KVA
	Transformer:	1 nos. x 2150 KVA
	DG set as Power back-up during operation phase:	3 Nos. of DG sets of Capacity 160 kVA, 400 kVA & 250 kVA resp.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

Solar water heating system

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar water heating system	66 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG Set	Not applicable	Stack as per CPCB

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	44.7 Lakhs
	O & M cost:	2.44 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 For Dust Suppression Air & Noise monitoring	0.80
2	Air Environment	Water For Dust Suppression Air & Noise monitoring	0.80
3	Water Environment	Tanker water for construction Water monitoring	1.68
4	Water Environment	Tanker water for construction Water monitoring	1.68

5	Land Environment	Site Sanitation	8.10

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	2 STPs	91.8	13.63
2	Rain Water Harvesting	7 pits	3.50	0.70
3	Environmental Monitoring	Environmental Monitoring	--	18.20
4	Swimming Pool	Swimming Pool	17.00	1.56
5	Gardening	Landscaping	26.5	6.62
6	Solid waste	OWC	29.2	9.6
7	Solar Heating and energy saving	Solar Heating and energy saving	44.7	2.44

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:	Traffic generated from this project will confluent on existing 30m wide road

Parking details:	**Number and area of basement:**	01
	Number and area of podia:	NA
	Total Parking area:	8721.01
	Area per car:	Basement: 38.34 Stilt: 30.08 Open: 26.50
	Area per car:	Basement: 38.34 Stilt: 30.08 Open: 26.50
	Number of 2-Wheelers as approved by competent authority:	796
	Number of 4-Wheelers as approved by competent authority:	274
	Public Transport:	Nearest Bus Stop: manjari
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	8 (a)B2
	Court cases pending if any	MPCB case no. 899/14, Dated :- 03/03/2014
	Other Relevant Informations	none
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	13-09-2017

TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
22. Number of buildings & its configuration	-	Sr. No. 6; Building Name & number : Club House; Building Name & number: G+1; Height of the building (Mtrs): 7,10
32. Total Water Requirement	Dry Season - Total Water Requirement (CMD): 200	Dry Season - Total Water Requirement (CMD): 320
32. Total Water Requirement	Dry Season - Firefighting - Underground water tank(CMD): 200	Dry Season - Firefighting - Underground water tank(CMD): Residential – 200 & 120; Commercial - 54

32. Total Water Requirement	Dry Season - Firefighting - Overhead water tank(CMD): 54	Dry Season - Firefighting - Overhead water tank(CMD): 20 m3 for each building
32. Total Water Requirement	Dry Season - Excess treated water : 125	Dry Season - Excess treated water : 147 CMD
32. Total Water Requirement	Wet Season - Recycled water - Gardening (CMD): 28	Wet Season - Recycled water - Gardening (CMD): 14
32. Total Water Requirement	Wet Season- Total Water Requirement (CMD): 200	Wet Season- Total Water Requirement (CMD): 320
32. Total Water Requirement	Wet Season - Firefighting - Underground water tank(CMD): 200	Wet Season - Firefighting - Underground water tank(CMD): Residential – 200 & 120; Commercial - 54
32. Total Water Requirement	Wet Season - Firefighting - Overhead water tank(CMD): 54	Wet Season- Firefighting - Overhead water tank(CMD): 20 m3 for each building
32. Total Water Requirement	Wet Season- Excess treated water : 153	Wet Season - Excess treated water : 161 CMD
34. Rain Water Harvesting (RWH)	Level of the Ground water table: 6-8 m	Level of the Ground water table: 60m
34. Rain Water Harvesting (RWH)	Details of UGT tanks if any : UGTs are provided	Details of UGT tanks if any : a) Domestic: Residential – 188 CMD & 100 CMD, Commercial – 15 CMD; b) Flushing: Residential – 60 CMD & 44 CMD, Commercial – 12 CMD; c) Firefighting: Residential – 200 CMD & 120 CMD, Commercial – 54 CMD
36. Sewage and waste water	Sewage generation in KLD: 270+18	Sewage generation in KLD: Residential – 270 KLD Commercial – 18 KLD
36. Sewage and waste water	STP technology: SMBR + RMBR	STP technology: Residential – SMBR Commercial – RMBR
36. Sewage and waste water	Capacity of STP (CMD): 288 + 22	Capacity of STP (CMD): Residential – 156 KLD + 132 KLD = 288 KLD; Commercial – 22 KLD
36. Sewage and waste water	Location & area of the STP: 155m3 near E & F building, 132 m3 & 22 m3 near commercial building	Location & area of the STP: 156 m3 near E & F building, 132 m3 & 22 m3 near commercial building
37. Solid waste Management	Waste generation in the Pre-Construction and Construction phase: Disposal of the construction waste debris - 15453.51 CUM	Waste generation in the Pre-Construction and Construction phase: Disposal of the construction waste debris -19696.44 CUM (Total)
44. Green Belt Development	No of trees to be cut : 10	No of trees to be cut : 0
44. Green Belt Development	Number of trees to be planted : 246	Number of trees to be planted : 346 Nos.
44. Green Belt Development	Timeline for completion of plantation : 2020	Timeline for completion of plantation : Till completion of project
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Mimusops elengi, Common Name - Bakul, Quantity - 20 nos., Characteristics & Ecological Importance - Shady tree, small white fragrant flowers
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Cassia fistula, Common Name - Bahava, Quantity - 20 nos., Characteristics & Ecological Importance – Medium yellow flowers, Butterfly host plant
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Lagerstroemia flos-regineae, Common Name - Tamhan, Quantity - 20 nos., Characteristics & Ecological Importance – State Flower tree of Maharashtra, Medium sized tree, beautiful purple flowers

45. Number and list of trees species to be planted in the ground	-	Botanical Name – Erythrina indica, Common Name - Pangara, Quantity - 20 nos., Characteristics & Ecological Importance – Medium sized tree, beautiful purple flowers
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Pongamia pinnata, Common Name - Karanj, Quantity - 20 nos., Characteristics & Ecological Importance – Shady Tree
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Caryota urens, Common Name – Fish tail palm, Quantity - 20 nos., Characteristics & Ecological Importance – Tall evergreen tree
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Bombax ceiba, Common Name – Kate sawar, Quantity - 04 nos., Characteristics & Ecological Importance – Large deciduous tree. Flowers attract many birds
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Gmelina arborea, Common Name - Shivan, Quantity - 20 nos., Characteristics & Ecological Importance – Fast growing tree with beautiful yellow flowers
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Azadirachta indica, Common Name - Neem, Quantity - 20 nos., Characteristics & Ecological Importance – Semi evergreen tree with medicinal value
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Ailanthus excelsa, Common Name - Maharukh, Quantity - 09 nos., Characteristics & Ecological Importance – Large tree, good for roadside plantation
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Psidium guajava, Common Name - Peru, Quantity - 03 nos., Characteristics & Ecological Importance – Bird hosting & fruit bearing plant
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Manikara zapota, Common Name -Chickoo, Quantity - 03 nos., Characteristics & Ecological Importance – Bird hosting & fruit bearing plant
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Phyllanthus embilca, Common Name - Amla, Quantity - 04 nos., Characteristics & Ecological Importance – Bird hosting & fruit bearing plant
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Syzygium cumini, Common Name - Jamun, Quantity - 04 nos., Characteristics & Ecological Importance – Bird hosting & fruit bearing plant
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Citrus sp, Common Name - Lemon, Quantity - 04 nos., Characteristics & Ecological Importance – Butterfly host plant
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Peltoform, Common Name – Copper pod, Quantity - 02 nos., Characteristics & Ecological Importance – Big tree with yellow flowering
45. Number and list of trees species to be planted in the ground	-	Botanical Name – Saraca asoka, Common Name – Sita Ashok, Quantity - 05 nos., Characteristics & Ecological Importance – Shady tree with red-yellow flowers

45. Number and list of trees species to be planted in the ground	-	Botanical Name – Murraya koengii, Common Name – Curry Leaf, Quantity - 05 nos., Characteristics & Ecological Importance – Medicinal plant
52. Environmental Management plan Budgetary Allocation	Air Environment: Water For Dust Suppression Air & Noise monitoring : Cost (in lakhs) = 0.80	Air Environment: Water For Dust Suppression : Cost (in lakhs) = 0.36
52. Environmental Management plan Budgetary Allocation	Air Environment: Water For Dust Suppression Air & Noise monitoring : Cost (in lakhs) = 0.80	Air Environment: Air & Noise monitoring : Cost (in lakhs) = 0.48
52. Environmental Management plan Budgetary Allocation	Water Environment: Tanker water for construction Water monitoring : Cost (in lakhs) = 1.68	Water Environment: Tanker water for construction : Cost (in lakhs) = 0.15
52. Environmental Management plan Budgetary Allocation	Water Environment: Tanker water for construction Water monitoring : Cost (in lakhs) = 1.68	Water Environment: Water monitoring : Cost (in lakhs) = 0.6
52. Environmental Management plan Budgetary Allocation	Land Environment: Site Sanitation : Cost (in lakhs) = 8.10 Maintenance = 0.05	Land Environment: Site Sanitation and maintenance : Cost (in lakhs) = 1.30
52. Environmental Management plan Budgetary Allocation	-	Biological Environment: Plantation of trees : Cost (in lakhs) = 3.05
52. Environmental Management plan Budgetary Allocation	-	Socio-economic Environment: Disinfection – pest contro : Cost (in lakhs) = 0.36; First aid facilities : Cost (in lakhs) = 0.05; Health checkup : Cost (in lakhs) = 3.6; Crèches for children : Cost (in lakhs) = 0.6; Personal protective equipment : Cost (in lakhs) = 1.5; CFL lamps for labour hutments : Cost (in lakhs) = 0.055; RO system for drinking water and maintenance : Cost (in lakhs) = 3.55

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 26520.82 m2, FSI area of 30437.72 m2, Non FSI area of 23792.09 m2 and total BUA of 54229.81 m2.

Brief information of the proposal is as below:

Proposal Number	SEIAA-STATEMENT-0000001188	
Name of Project	DREAMS NANDINI at S. No. 69 A, 69 B/1, 69 B/2, 69 C, Village -Manjari Budruk, Taluka – Haveli, Pune, By M/s. Dreams Corporation Pvt. Ltd through Mr. Ramesh Ghisulal Mehta	
Project category	8(a)B2	
Type of Institution	Private	
Project Proponent	Name	Mr. Ramesh Ghisulal Mehta, Director
	Regd. Office address	283, Shukrawar Peth, Pune – 411 002. Correspondence Address: 901, Mahalaxmi Chambers, BhulabhaiDesai road Mumbai, Maharashtra – 400026.
Consultant	M/s. ULTRA TECH, NABET/EIA/1720/RA0094	
Applied for	New – Greenfield Project	
Details of previous EC	NA	
Location of the project	S. No. 69 A, 69 B/1, 69 B/2, 69 C, Village -Manjari Budruk, Taluka – Haveli, Pune, State - Maharashtra	
Latitude and Longitude	Latitude - 1829?35.53"N Longitude - 7358?09.69"E	
Total Plot Area (m^2)	26520.82	
Deductions (m^2)	2006.30	
Net Plot area(m^2)	24514.52	
Proposed FSI area (m^2)	30437.72	
Proposed non-FSI area (m^2)	23792.09	
Proposed TBUA(m^2)	54229.81	
TBUA(m^2) approved by Planning Authority till date	54229.81	
Ground coverage (m^2) & %	5657.24 m^2 & 22.3%	
Total Project Cost (Rs.)	Rs. 82.71 Crore	

Details of BuildingConfiguration:						Reason for Modification/Change
PreviousEC/ExistingBuilding			ProposedConfiguration			
Building Name	Configuration	Height (m)	Building Name	Configuration	Height (m)	
NA	NA	NA	Residential (A to F)	B+P+10	31.35	NA
			Residential & commercial	G+P+15	49.95	
			Row House	G+1	6.45	
			Bungalow	G+1	7.80	
			Commercial	G+4	18.00	

Total number of tenements	Total no. of Tenants: - 426 Nos. Shops = 15 (I wing) Offices = 16 (I wing -14, H wing- 2) Showroom = 1 (H wing) Number of expected residents -Fixed Population: - 2130 nos. Floating Population :- 630 nos.

PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018.

PP was issued Terms of Reference for undertaking Environment Impact Assessment (EIA) and preparation of Environment Management Plan (EMP). Accordingly, PP has submitted Environment Impact Assessment (EIA) and Environment Management Plan (EMP).

The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC

During discussion following points emerged:

1. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.45 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.65 Cr which is more than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.65 Cr for the project completion period.

*SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.*

Specific Conditions by SEAC:

1) The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.45 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.65 Cr which is more than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.65 Cr for the project completion period.

FINAL RECOMMENDATION

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