

Agenda for 75th meeting of SEAC-3 (Day-2)

SEAC Meeting number: 75 Meeting Date November 2, 2018

Subject: Environment Clearance for Expansion of Residential Development at Baner, Pune

Is a Violation Case: No

1.Name of Project	Residential Development
2.Type of institution	Private
3.Name of Project Proponent	M/s. Neo Pharma Pvt. Ltd.
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory)
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	Environment Clearance obtained vide No. SEAC-2012/CR-110/TC-2 dated 29/09/2014
8.Location of the project	Survey No. 12 (P) at Village Baner, Taluka - Haveli, Dist. - Pune, State -Maharashtra.
9.Taluka	Haveli
10.Village	Baner
Correspondence Name:	M/s. Neo Pharma Pvt. Ltd.
Room Number:	603
Floor:	6th Floor
Building Name:	Mayfair Tower I
Road/Street Name:	Old Mumbai - Pune Road
Locality:	Wakadewadi, Shivajinagar
City:	Pune
11.Area of the project	Pune Municipal Corporation (P.M.C.)
12.IOD/IOA/Concession/Plan Approval Number	Commencement Certificate No. CC/3004/17
	IOD/IOA/Concession/Plan Approval Number: Commencement Certificate No. CC/3004/17
	Approved Built-up Area: 122935.78
13.Note on the initiated work (If applicable)	Construction initiated on site after receipt of Environmental Clearance vide letter SEAC 2012/CR-110/TC-2 dated 29/09/2014 . Construction work completed on site as on date is 1, 18,922.84 Sq. mt.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	65,234.00 Sq. mt.
16.Deductions	16,536.73 Sq. mt.
17.Net Plot area	48,697.27 Sq. mt.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1, 19,135.01 Sq. mt.
	b) Non FSI area (sq. m.): 1, 84,737.91 Sq. mt.
	c) Total BUA area (sq. m.): 303872.92
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 49,840.42 Sq. mt.
	Approved Non FSI area (sq. m.): 73,095.36 Sq. mt.
	Date of Approval: 12-02-2018
19.Total ground coverage (m2)	14,065.82 Sq. mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29 %
21.Estimated cost of the project	6249000000

22.Number of buildings & its configuration

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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Phase I	--	--
2	Building A	2 Parking level + Podium + 21 floors	75.65
3	Building B	3 Parking level + Podium + 21 floors	75.43
4	Building C	5 Parking level + Podium + 20 floors	75.75
5	Building D	3 Parking level + Podium + 20 floors	74.29
6	Building E	3 Parking level + Podium + 20 floors	74.29
7	Building F	5 Parking level + Podium + 20 floors	75.77
8	Building G	3 Parking level + Podium + 21 floors	75.43
9	Building H	2 Parking level + Podium + 21 floors	75.65
10	Building I: Multipurpose Court	Ground	--
11	Phase II	--	--
12	Building B	2 Basements + 1 Parking level + 5 floors	19.55
13	Aurum	3 Basement + 5 Parking level + 21 floors	75.00

23.Number of tenants and shops	Phase 1 - Flats: 590 Nos. Phase 2 - Flats: 750 (Sale flats: 610 Nos. + Flats to be handed over to PMC: 140 Nos.) Total Flats: 1340 Nos.
24.Number of expected residents / users	6955 nos.
25.Tenant density per hectare	276/hectars
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	It is connected by 24.0 mt. wide D.P. Road and 18.0 mt. wide D.P. Road to major arterial roads of the area
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 mt.
29.Existing structure (s) if any	Project is under construction as per previous EC
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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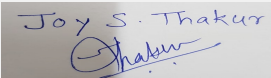
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

Dry season:	Source of water	PMC/ Tanker water for Swimming pool make up
	Fresh water (CMD):	623
	Recycled water - Flushing (CMD):	312 KLD
	Recycled water - Gardening (CMD):	66 KLD
	Swimming pool make up (Cum):	7
	Total Water Requirement (CMD) :	1008 KLD
	Fire fighting - Underground water tank(CMD):	1025 KL
	Fire fighting - Overhead water tank(CMD):	280 KL
	Excess treated water	352 KLD
Wet season:	Source of water	PMC/ Tanker water for Swimming pool make up
	Fresh water (CMD):	623
	Recycled water - Flushing (CMD):	312 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	7
	Total Water Requirement (CMD) :	942 KLD
	Fire fighting - Underground water tank(CMD):	1025 KL
	Fire fighting - Overhead water tank(CMD):	280 KL
	Excess treated water	418 KLD
Details of Swimming pool (If any)	Dimension of Swimming Pool: - •Lap pool - 40 m. x 4.5 m. x 1.2 m. (water depth) •Main Pool - 19.38 m. x 8.6 m. x 1.2 m. (water depth) •Kids pool - 3.8 m. x 3.8 m. x 0.6 m. (water depth) Total water Requirement: 425 Cum Water requirement for make-up: 7 m ³ /day Budgetary allocation (Capital cost and O & M cost) Capital Cost: Rs. 174.00 Lacs O & M Cost: Rs. 17.40 Lacs/annum	

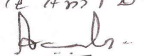
33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)
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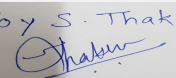
Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	NA	623	623	NA	125	125	NA	498	498
Domestic	NA	312	312	NA	NA	NA	NA	312	312
Gardening	NA	66	66	NA	66	66	NA	NA	NA

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 13.00 m. to 19.40 m. BGL. (16.20 BGL Average) ; Rainy Season - 5.80 m. to 8.80 BGL. (7.30 BGL Average) ; Winter Season - 9.40 m. to 14.10 m. BGL. (11.75 BGL Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	14 Nos. of Rain Water Harvesting Pits
	Size of recharge pits :	2m x 2m x 2m
	Budgetary allocation (Capital cost) :	Rs.17.50 Lacs
	Budgetary allocation (O & M cost) :	Rs.1.00 Lac/annum
Details of UGT tanks if any :	Phase I: Domestic: 819563 Lit/day Flushing: 411638 Lit/day Fire: 800000 Lit/day Phase II: Domestic: 438750 Lit/day Flushing: 219375 Lit/day Fire: 225000 Lit/day	

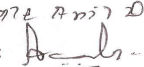
35. Storm water drainage	Natural water drainage pattern:	The site is sloping from South East to North West
	Quantity of storm water:	1.45 m ³ /sec
	Size of SWD:	10.0 mt. width X 1.20 mt. Depth with Slope 1:300

Sewage and Waste water	Sewage generation in KLD:	Phase I: 426 KLD; Phase II: 385 KLD And Total: 811 KLD
	STP technology:	RMBR (Rotating Media Bio Disk Reactor)
	Capacity of STP (CMD):	Phase I: 500 KL (1 No.) And Phase II: 450 KL (1 No.)
	Location & area of the STP:	Underground
	Budgetary allocation (Capital cost):	Rs. 300 Lacs
	Budgetary allocation (O & M cost):	Rs. 25 Lacs/annum

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36.Solid waste Management

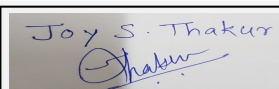
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Excavation material (58249 Cum) has already been reused on site for backfilling and leveling, remaining excavation material (63037 Cum) shall be reused on site for backfilling and leveling
	Disposal of the construction waste debris:	Use of Construction waste (Brick, blocks, ceramic tiles, marbles etc) for waterproofing work, paving & landscaping areas
Waste generation in the operation Phase:	Dry waste:	2077 kg/day
	Wet waste:	1384 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	122 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Through SWACH agency
	Wet waste:	SMART Organic Waste Composting system
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	NA
Area requirement:	Location(s):	Ground Level
	Area for the storage of waste & other material:	131 Sq. mt.
	Area for machinery:	24 Sq. mt.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 56.50 Lacs
	O & M cost:	Rs. 12.33 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			

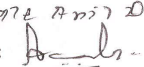
38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
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1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
39.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	DG Set	For 630 kVA X 2 Nos.: 262.0 litre/Hour @ 100% Loading, For 82.5 kVA: 19.5 litre/Hour @ 100% Loading and For 160 kVA: 36.9 litre/Hour @ 100% Loading	3 nos.	For 630 kVA: 8 mt. ; For 82.5 kVA and 160 kVA: 5 mt.	150 mm and 100 mm	438 Degree Celsius	
40.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	HSD	NA	For 630 KVA X 2 Nos.: 262.0 litre/Hour @ 100% Loading, for 82.5 KVA: 19.5 litre/Hour @ 100% Loading and for 160 KVA: 36.9 litre/Hour @ 100% Loading	318.4 litre/ Hour			
41.Source of Fuel		Nearby pump					
42.Mode of Transportation of fuel to site		By Road					
43.Green Belt Development							
		Total RG area :	6065.25 Sq. mt. ; Additional green cover area on podium: 4897.00 Sq. mt.				
		No of trees to be cut :	58 Nos. (54 Nos. of trees has been cut and 4 nos. shall be cut)				
		Number of trees to be planted :	Already planted: 107 Nos. To be planted: 394 Nos.				
		List of proposed native trees :	As given below in				
		Timeline for completion of plantation :	At the time of completion of project				
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Anthocephalus cadamba	Kadamba	27	Medicinal value. To control soil erosion, Birds, squirrels, monkey eat fruits			
2	Azadirachta indica	Neem	31	Medicinal value. To control soil erosion. To improve soil erosion			
3	Bauhinia purpurea	Apta / Kanchanar	31	Every part of the plant is medicinal, Drought tolerant species.			

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4	Cassia fistula	Bahava	36	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
5	Delonix regia	Gulmohar	26	Attracts bees and butterflies
6	Lagerstroemia flos regia	Pride of India	32	Native, attracts butterflies and bees
7	Millingtonia hortensis	Indian cork tree	27	Evergreen, bird attracting tree
8	Putranjiva roxburgii	Putranjiva	30	Evergreen, Ornamental, medicinal
9	Thispesia populaena	Bhend	33	Flowering plant, Timber
10	Mimusops elengi	Bakul	29	Flowering tree
11	Terminalia catappa	Badam	28	Medicinal, Attracts birds and Butterflies, fast growing
12	Butea monosperma	Palas	24	Medicinal value, Bird attracting species, control soil erosion.
13	Michelia champaca	Son chafa	28	Medicinal value, Fragrant flowers, Butterfly larvae host plant.
14	Bombax ceiba	Kate sawar	25	Attract butterflies and bees
15	Morus alba/indica	Mulberry	30	Fruit bearing, Ornamental, Timber
16	Emblica officinalis	Amla	34	Medicinal value, Bird attracting species
17	Plumeria alba	Chafa	30	Medicinal value, 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	Allamanda cathartica	0.3 mt.	128
2	Bougainvillea spectabilis	0.6 mt.	187
3	Plumbago capensis	0.45 mt.	164
4	Tabernaemontana coronaria	0.45 mt.	155
5	Tecoma gaudichaudi	0.6 mt.	174
6	Murraya paniculata	0.6 mt.	121
7	Galphimia glauca	0.45 mt.	124
8	Gardenia jasminoides	0.45 mt.	67
9	Hamelia patens	0.45 mt.	112
10	Heliconia psittacorum	0.45 mt.	84
11	Ixora chinensis	0.45 mt.	141
12	Nerium oleander	0.6 mt.	166
13	Rhapis excelsa	0.6 mt.	111
14	Schefflera arboricola	0.6 mt.	176
15	Alpinia purpurata	0.6 mt.	75

47.Energy

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Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Company Limited (MSEDCL)
	During Construction Phase: (Demand Load)	77 KW
	DG set as Power back-up during construction phase	2 Nos. of 125 kVA each
	During Operation phase (Connected load):	Phase I: 6423 KW And Phase II: 3204 KW
	During Operation phase (Demand load):	Phase I: 2753 KW And Phase II: 2136 KW
	Transformer:	Phase I: 630 kVA X 5 Nos. and 315 kVA X 1 No. Phase II: 630 kVA X 5 Nos.
	DG set as Power back-up during operation phase:	Phase I: 630 kVA X 2 Nos. Phase II: 160 kVA X 1 No. & 82.5 kVA X 1 No.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Provision of Solar system

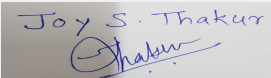
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using Conventional T5 FTL fixture with Electronic Ballast Vs Conventional T8 FTL with Magnetic Ballasts:	18 %
2	Energy Saving using Automatic Timer operation Against Manual operation for External & Common Area Lighting	9.09%
3	Energy Saving using Solar Water Heater Against Electrical water Heater	67.12%
4	Conventional CFL fixture with Electronic Ballast Vs Energy efficient LED fixtures for flat internal point	14.29%
5	Energy saving due to Ventilation system	75%
6	Energy efficient distribution transformer	5.5%

50. Details of pollution control Systems

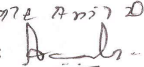
Source	Existing pollution control system	Proposed to be installed
Air Pollution by DG sets	--	Acoustic enclosure for DG set
Sewage generated	--	STP
Biodegradable Solid Waste	--	Organic Waste Converter

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 68.87 Lacs (Solar system)
	O & M cost:	Rs. 1.80 Lacs/annum (Solar system)


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51.Environmental Management plan Budgetary Allocation

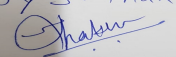
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression	7.20
2	Air Environment	Air and Noise Monitoring: Sensors for Air and Noise level monitoring	12.50
3	Air Environment	By outside MoEF & CC Approved Laboratory	3.30
4	Air Environment	EMP for Batching plant	1.07
5	Water Environment	Drinking water analysis	0.15
6	Land Environment	Site Sanitation & Safety	5.00
7	Socio Economic Environment	Disinfection- Pest Control	6.00
8	Socio Economic Environment	First Aid Facility	0.12
9	Socio Economic Environment	Health Check up	36.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Gardening	Landscape development	60.29	1.20
2	Water Environment: Waste water treatment	Cost for Sewage Treatment Plants + On site sensors	336.0	27.00
3	Water Environment: Rain Water Harvesting	14 Nos. of recharging pits	17.50	1.00
4	Water Environment: Swimming Pool	--	174.00	17.40
5	Land Environment: Organic Waste Composting	Biodegradable solid waste treatment	56.50	12.33
6	Energy Conservation	Solar Hot Water & Solar PV panels for proposed building	68.87	1.80
7	Environmental Monitoring	Ambient Air quality, Noise monitoring, DG Stack Exhaust, waste water, Manure etc.	No set up cost is involved	1.26

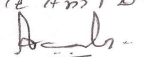
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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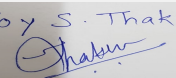
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

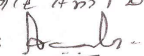
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	Plot is abutting to 24 mt. wide road to the North side and 18 mt. wide road to the South side
Parking details:	Number and area of basement:	Aurum: 3 Basements; Building B (Phase 2): 2 Basements - Total basement area: 10,800 Sq. mt.
	Number and area of podia:	Podium level ranges from 1 to 6 per building - Total podium area is 67,220.29 Sq. mt.
	Total Parking area:	86,273.19 Sq. mt.
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	Phase I: 1248 Nos. And Phase II: 1579 Nos.
	Number of 4-Wheelers as approved by competent authority:	Phase I: 1343 Nos. And Phase II: 644 Nos.
	Public Transport:	Nearest bus stop: Baner
	Width of all Internal roads (m):	12 mt. and 9 mt.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (b) B1
	Court cases pending if any	NA
	Other Relevant Informations	HRC permission obtained on 07/01/2017

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	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	21-03-2018
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		
<p>PP submitted their application for amendment in earlier EC for total plot area of 65,234.00 m², Total BUA of 303872.92 m² and FSI area of 119135.01 m².</p> <p>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) B1.</p>		
DECISION OF SEAC		
<p>SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.</p> <p>Specific Conditions by SEAC:</p> <p>1) PP to repeat stack monitoring for DG sets while DG set is in operating condition. 2) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dated 01.05.2018 with details of fund utilization & agreement with executor. PP to consider total project cost while calculating CER amount as no occupation is received yet.</p>		
FINAL RECOMMENDATION		
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions		

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Agenda for 75th meeting of SEAC-3 (Day-2)

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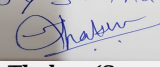
Subject: Environment Clearance for Environment Clearance for "8(b)" Township and Area development

Is a Violation Case: No

1.Name of Project	Proposed "Solitaire world" project
2.Type of institution	Private
3.Name of Project Proponent	M/s. Classic Promoters & Builders Pvt. Ltd.
4.Name of Consultant	GREEN CIRCLE, INC
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	Survey no. 578/1/2, 578/1/3
9.Taluka	Haveli
10.Village	Bibvewadi
Correspondence Name:	Mr. Vilas Tambe
Room Number:	-
Floor:	Level 8
Building Name:	Solitaire World
Road/Street Name:	Mumbai Bangalore Highway
Locality:	Baner
City:	Pune 411015, Maharashtra
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	CC/2439/17 Dt.21/12/2017
	IOD/IOA/Concession/Plan Approval Number: CC/2439/17 Dt.21/12/2017
	Approved Built-up Area: 180910.78
13.Note on the initiated work (If applicable)	only excavation as per old EC
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	PMC
15.Total Plot Area (sq. m.)	66309.00 sq. m
16.Deductions	18134.05 sq.m
17.Net Plot area	48174.95 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 180910.78
	b) Non FSI area (sq. m.): 180440.41
	c) Total BUA area (sq. m.): 361351.19
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 180910.78
	Approved Non FSI area (sq. m.): 58656.39
	Date of Approval: 21-12-2017
19.Total ground coverage (m2)	18214.60
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35
21.Estimated cost of the project	10511567000


22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
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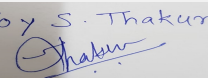
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 75 Meeting Date: November 2, 2018

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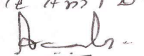
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

1	A-Tower	3B + Ground + 30 Floor	118.50 m	
2	W1-Tower	2B + ground+ 30 Floor	101 m	
3	W2-Tower	2B + ground + 30 Floor	101 m	
4	W3-Tower	2B + ground+ 30 Floor	101 m	
5	W4-Tower	3B + Podium + 30	101 m	
23.Number of tenants and shops		world plaza commercial,basement-1,supermarket ground floor-74 shop,2-restaurants,1 cinema with 8 screen first,16 shops,7-restaurants & 1- family entertainment ,second-7,sports club & 1-restaurant,SBH 1 contain 259 nos.of offices,SBH2 contain 372 no. of offices,residential 4 towers-718 flat's		
24.Number of expected residents / users		11889 (Floating Population) + 11355 (Fixed Population)		
25.Tenant density per hectare		NA (as per new DCR) (PMC Rule)		
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 & 30 wide DP road from the Nearest Fire station (1.0 km) to the proposed building abutting to site.		
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				

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

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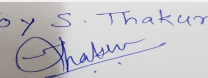
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Name: K. Anil Kale

Signature: Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC Water Supply
	Fresh water (CMD):	719.55 KLD
	Recycled water - Flushing (CMD):	460.14 KLD
	Recycled water - Gardening (CMD):	130.00 KLD
	Swimming pool make up (Cum):	18.5 KLD
	Total Water Requirement (CMD) :	1328.19 KLD
	Fire fighting - Underground water tank(CMD):	1510 KLD
	Fire fighting - Overhead water tank(CMD):	160 KLD
	Excess treated water	494.49 KLD
Wet season:	Source of water	PMC Water Supply
	Fresh water (CMD):	719.55KLD
	Recycled water - Flushing (CMD):	460.14 KLD
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	1179.69 KLD
	Fire fighting - Underground water tank(CMD):	1510 KLD
	Fire fighting - Overhead water tank(CMD):	160 KLD
	Excess treated water	642.99 KLD
Details of Swimming pool (If any)	Size : 25 x 13 x 1.6 m	

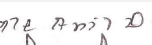
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	1328.19	1328.19	Not applicable	1000	1000	Not applicable	800	800

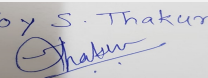
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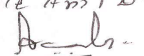
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	20 to 22 m bgl
	Size and no of RWH tank(s) and Quantity:	100 cubic metre
	Location of the RWH tank(s):	Residential
	Quantity of recharge pits:	15 no.
	Size of recharge pits :	2.0 x 2.0 x 2.0 m
	Budgetary allocation (Capital cost) :	30 lacs
	Budgetary allocation (O & M cost) :	3 lacs
	Details of UGT tanks if any :	(1) 700 cubic meter (2) 300 cubic meter
35. Storm water drainage	Natural water drainage pattern:	S to N
	Quantity of storm water:	411.4
	Size of SWD:	160 mm
Sewage and Waste water	Sewage generation in KLD:	1050 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	3 nos. of STP (capacity: 290 KLD, 310 KLD, 610KLD)
	Location & area of the STP:	STP 1 (for W 02 & W03) near OWC & STP 2 and STP 3 near tower W1
	Budgetary allocation (Capital cost):	152 Lakhs
	Budgetary allocation (O & M cost):	20.00 Lakhs
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Solid waste expected to be generated during construction phase will comprise of used bags, bricks, concrete, MS rods, tiles, wood etc.
	Disposal of the construction waste debris:	Entire construction waste will be handed over to authorized vendors
Waste generation in the operation Phase:	Dry waste:	2086.62. kg/day
	Wet waste:	3129.93 kg/day
	Hazardous waste:	Used oil from DG sets, which will be carefully stored in HDPE drums in isolated covered facility
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	2400 Kg/day
	Others if any:	NA

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Name: K. Anil Kale

Signature: Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Will be Handed over to Municipal Corporation for further handling & disposal purpose.
	Wet waste:	Will be converted to bio-manure through Organic Waste Processor. Generated manure will be used for gardening.
	Hazardous waste:	The used oil will be sold to re-processor authorized by MPCB. Suitable care will be taken, so that spills /leaks of spent oil from storage are avoided.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	will be used as manure for landscaping after drying.
	Others if any:	NA
Area requirement:	Location(s):	Location of Organic Waste Processor: near STP (for W-02 & 03)
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 150.88 Lacs
	O & M cost:	Rs. 20.72 Lacs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	BOD 3days @27degC	mg/l	200 - 250	<10	10
2	COD	mg/l	510	94	100
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used oil from DG sets	5.1	Litres/yr	-	5200	5200	re-processor authorized by MPCB

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	2 x 125 KVA (D.G set- Existing)	HSD	2	2- 3.5	-	400
2	14 Nos. x 1250 KVA (Proposed- D.G set)	HSD	12	2 - 3.5	-	400

40. Details of Fuel to be used

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 2, 2018	Page 16 of 34	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	NA	HSD	HSD
41.Source of Fuel		Authorized Dealer		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	Total RG area :	21688.88 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	PROPOSED LIST OF NATIVE TREES: 598 + PROPOSED LIST OF FRUIT TREES: 72
	List of proposed native trees :	598
	Timeline for completion of plantation :	2 years

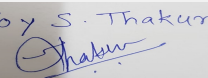
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	cassia fistula	bahawa	90	Drought tolerant ,ornamental & medicinal plant
2	Anthocephallus cadamba	kadamb	25	-
3	saraca indica	Sita ashok	101	Evergreen medicinal plant
4	Bauhinia racemosa	Apta	60	-
5	Lagerstromia speciosa	Tamhan	22	Medicinal value, Native species
6	Albizia lebbeck	Shirish	39	-
7	Bauhinia blackiana	kanchan raj	127	-
8	Erythrina variegata	Pangara	115	-
9	Nyctanthes arbortristic	parijatak	19	-
10	Mangifera indica	mango	67	Evergreen and bird attracting tree
11	Psidiumguajava	Guava	5	-

45.Total quantity of plants on ground

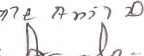
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Asparagus myerii	-	-
2	Plumbago Capensis	-	-
3	Bambusa	-	-
4	Cordyline terminalis mahatma	-	-
5	Cyperus alternifolius	-	-
6	Pennisetum ruppeeli	-	-
7	Mussaenda erythrophylla	-	-
8	Schefflera Arboricola	-	-
9	Dracaena marginata tricolor	-	-

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10	Galphimia glauca	-	-
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47. Energy

Power requirement:	Source of power supply :	MSEDCL + D.G set (partial)
	During Construction Phase: (Demand Load)	220 KW
	DG set as Power back-up during construction phase	as a back up only
	During Operation phase (Connected load):	18568.06 KW
	During Operation phase (Demand load):	10843.43 KW
	Transformer:	4 X 1500 KVA
	DG set as Power back-up during operation phase:	2 nos.x 1250 KVA & 12 nos. x 1250 KVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	NA	

48. Energy saving by non-conventional method:

Use of LED Lamps for common areas
 Use of Timers & daylight sensors for common area lighting
 Solar Panel System

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of LED lamps in common area	8 %
2	Common area / external lighting on timers	2 %
3	Multiple circuits for lighting	2 %
4	Group control for elevators	1.5 %

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage Treatment plant	Not applicable	Sewage Treatment Plant
Organic Waste Processor	Not applicable	Organic Waste Processor

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25 Cr.
	O & M cost:	2.5 Cr.

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 2, 2018	Page 18 of 34	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	Particulate matter	5
2	Site Sanitation & Safety	-	8
3	Environmental Monitoring	Air, water, noise	5
4	Disinfection	-	4
5	Health Check up	All relevant parameters	3

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Wastewater	STP Cost	1.5 crores	13 Lacs
2	Solid waste	Solid Waste Management	52 lacs	5 Lacs
3	Green area	Green Belt development	5 crores	50 lacs
4	Groundwater recharge	Rain water harvesting	1 crore	10 lacs
5	Energy	Energy Efficient equipments	10 crores	1 crore
6	Air, water, noise, soil	Environmental monitoring	-	6 lacs

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

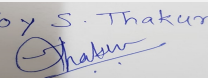
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
HSD	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

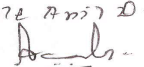
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	2 nos.
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Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	3 * 53195.93
	Number and area of podia:	1 *10120.40
	Total Parking area:	53195.93 sq. m.
	Area per car:	28
	Area per car:	28
	Number of 2-Wheelers as approved by competent authority:	6832
	Number of 4-Wheelers as approved by competent authority:	3512
	Public Transport:	Auto rickshaw stand within 15m from entrance gate.
	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	Category B, 8(b).
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

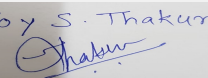
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

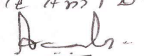
PP submitted their application for amendment in earlier Environmental clearance for total plot area of 66309.00 m2, Total BUA of 361351.19 m2 and FSI area of 180910.78 m2.

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.

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

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Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

DECISION OF SEAC

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

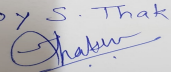
Specific Conditions by SEAC:

1) PP was not prepared and unable to explain point wise compliance of ToR and EIA Report along with supporting documents.

FINAL RECOMMENDATION

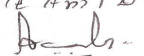
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-00000000159

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda for 75th meeting of SEAC-3 (Day-2)

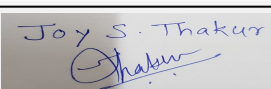
SEAC Meeting number: 75 Meeting Date November 2, 2018

Subject: Environment Clearance for New Residential Project

Is a Violation Case: No

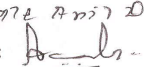
1.Name of Project	Proposed Residential Development
2.Type of institution	Private
3.Name of Project Proponent	M/s Yashada Developers
4.Name of Consultant	M/s. Ultra-Tech (Environmental Consultancy & Laboratory) NABET certificate no: NABET/EIA/1720/RA0094
5.Type of project	Residential Project with convenient shopping
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	Gat No:113(P),114(P) & 116
9.Taluka	Haveli
10.Village	Dudulgaon
Correspondence Name:	Mr. Vasant Kate
Room Number:	J-4,
Floor:	3rd floor
Building Name:	Yashada House
Road/Street Name:	Near Govid Yashada Chowk
Locality:	Pimple Saudagar
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied
	IOD/IOA/Concession/Plan Approval Number: Applied
	Approved Built-up Area: 87708.70
13.Note on the initiated work (If applicable)	No work has been initiated on site
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	24,400 Sq.m.
16.Deductions	4455.26 Sq.m.
17.Net Plot area	19,944.74 Sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 51257.53 Sq.m
	b) Non FSI area (sq. m.): 36451.17 Sq.m
	c) Total BUA area (sq. m.): 87708.70
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): -
	Approved Non FSI area (sq. m.): -
	Date of Approval: 30-06-2018
19.Total ground coverage (m2)	4681.69 Sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.47 %
21.Estimated cost of the project	1717640000

22.Number of buildings & its configuration


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Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A	G (Shop/Parking) + 11	35.90
2	Building B,C,D,E,F,G,H,I	P+P+12	41.80
3	commercial shops (6 Shops)	G + 0	3
4	Club House	G + 1	6.70
5	Club House	G + 1	6.70

23.Number of tenants and shops	990 Nos. + 6 Shops
24.Number of expected residents / users	4950 Residential and 50 commercial users
25.Tenant density per hectare	555/hectare (except MHADA)
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18m Wide DP road abutting the site, accessible from 30m wide Moshi-Alandi Road nearest fire station Bhosari fire station at ~10 km
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 9.00 m
29.Existing structure (s) if any	None
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

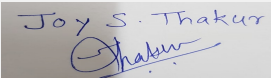
32.Total Water Requirement

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 2, 2018	Page 23 of 34	Name: Kote Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PCMC
	Fresh water (CMD):	459
	Recycled water - Flushing (CMD):	224
	Recycled water - Gardening (CMD):	29
	Swimming pool make up (Cum):	4
	Total Water Requirement (CMD) :	716
	Fire fighting - Underground water tank(CMD):	Phase 1-350 &Phase 2-300
	Fire fighting - Overhead water tank(CMD):	Phase 1-125 & Phase 2-100
	Excess treated water	331
Wet season:	Source of water	PCMC
	Fresh water (CMD):	459
	Recycled water - Flushing (CMD):	224
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	4
	Total Water Requirement (CMD) :	687
	Fire fighting - Underground water tank(CMD):	Phase 1-350 & Phase 2-300
	Fire fighting - Overhead water tank(CMD):	Phase 1-125 & Phase 2-100
	Excess treated water	360
Details of Swimming pool (If any)	Pool 1(2 no.) : 7.755 x 5.855 x 1.20 volume: 54.48 m3 Pool 2 (Kids pool- 2 No.): 2.50 x 5.855 x 0.60 volume: 8.78 m3	

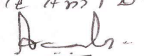
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	0	459	459	0	46	46	0	413	413
Domestic	0	224	224	00	22	22	0	202	202
Gardening	0	29	29	0	0	0	0	0	0

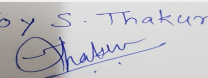
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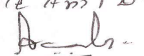
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Around 20 m below ground level.
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	phase 1 -6 nos of Recharge pits, phase 2 -2 nos of Recharge pits, Total 8 nos. of recharge pits.
	Size of recharge pits :	1.5 X 1.5 X 1.5 m
	Budgetary allocation (Capital cost) :	9.21 Lakh
	Budgetary allocation (O & M cost) :	0.8 Lakhs/annum
	Details of UGT tanks if any :	Phase 1: Domestic - 432 CMD and Firefighting - 350 CMD Phase 2: Domestic - 258 CMD and Firefighting - 300 CMD Flushing Near STP : Phase 1 - 170 CMD and Phase 2 - 83 CMD
35.Storm water drainage	Natural water drainage pattern:	NW to SE
	Quantity of storm water:	0.45 Cu.M./sec
	Size of SWD:	700mm
Sewage and Waste water	Sewage generation in KLD:	615 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	400 KLD & 240 KLD
	Location & area of the STP:	Near Open Space
	Budgetary allocation (Capital cost):	110.46 + 77.18 =187.64 Lakh
	Budgetary allocation (O & M cost):	Rs.14.82 + 8.37 = 23.19 Lakh/annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	solid waste -37 kg/day
	Disposal of the construction waste debris:	9153 m3 Top Soil will be preserved for Landscape 13729 m3 Used in back-filling and leveling. . Balance will be handed over to authorized agency/site
Waste generation in the operation Phase:	Dry waste:	672 kg/day
	Wet waste:	1568 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	128 kg/day
	Others if any:	Not applicable

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Mode of Disposal of waste:	Dry waste:	will be Handed over to Authorised vendor
	Wet waste:	Treatment in OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Will be used as manure for gardening
	Others if any:	Not applicable
Area requirement:	Location(s):	Near STP
	Area for the storage of waste & other material:	144.74 sq. meters
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	26.33 +19.36 =45.69 lakhs
	O & M cost:	4.09 + 2.76 = 6.85 lakhs/ annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

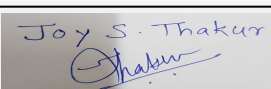
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG Set of 125 KVA	20.2Ltr/Hr. @75% loading	1	4.22 m Above ground level	0.0125Mtr	450 Degree

40. Details of Fuel to be used

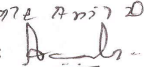
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	0	Diesel	Diesel

41. Source of Fuel Authorized Fuel Distribution centre


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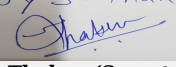
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42.Mode of Transportation of fuel to site		By road
43.Green Belt Development	Total RG area :	2216.10 sq.m
	No of trees to be cut :	03
	Number of trees to be planted :	285
	List of proposed native trees :	Refer below list
	Timeline for completion of plantation :	3.5 years

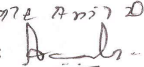
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Amaltas	19	Medium sized deciduous tree. A beautiful tree for small gardens, parks and along medium and small roads
2	Millingtonia hortensis	Akash neem	04	Medium sized evergreen tree planted along the road, attract birds due to its fragrant flowers.
3	Mimusops elengi	Bakul	03	Large sized evergreen tree. The flowers are a key source for some of the nesting space for birds.
4	Neolamarkia kadamb	Kadamba	09	Large sized deciduous tree. It attracts butterflies. The fragrant orange flowers attract pollinators.
5	Albizia lebbeck	Siris	10	Large sized deciduous tree. The tree has a graceful appearance and beautiful foliage.
6	Bauhinia variegata	Kachnar	09	Small sized deciduous tree. It is suitable for roadside planting and also used for group planting or as specimen tree in large lawns.
7	Elaeocarpus sphaericus	Rudraksh	10	large evergreen broad-leaved tree. Seeds are of religious value equivalent to semi-precious stones-used for organic jewellery/necklaces
8	Putranjiva roxburghii	Putranjiva	03	Medium sized evergreen tree. A good avenue tree for medium-sized road. Also suitable for growing in gardens and parks in rows for their globular, shining crown
9	Pongamia pinnata	Karanj	08	Tree is well suited to intense heat and sunlight and its network of lateral route makes it draught tolerant
10	Syzigium jambolana	Jambhul	07	It is an evergreen tree growing to 15-25m tall tree. dense foliage & edible violet fruits invite lots of birds. Not preferred along roads or in parking lots, due falling fruits & bird droppings

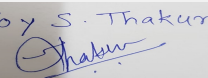
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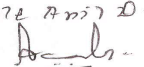
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11	Aegle marmelos	Bel	05	It is an evergreen tree growing with graceful appearance. Fruits are edible used in various medicinal purpose. leaves are of religious significance
12	Azadirachta indica	Neem	07	Neem is a fast-growing tree that can reach a height of 15-20 metres. It is deciduous tree and the branches are wide and spreading. Good for air purification. Leaves have medicinal use.
13	Michelia champaca	Sonchafa	02	Popular for its fragrant yellow flowers, large evergreen tree is handsome in appearance grows uprights & suitable for planting anywhere. All parts of plants have medicinal value & used in Ayurveda. Also religious significance. Flowering from end of summers till monsoons
14	Swietenia macrophylla	Mahogany	06	Swietenia mahagoni is a medium-sized semi-evergreen tree growing. Very rare due to over-harvesting. It is regarded as the world's finest timber wood. It is grown as an ornamental tree in various parts of India.
15	Bahuniya Purpuriya	Purple orchid tree	13	Pest tolerant, Aggressive surface roots possible, Specimen, Blooms are very showy. The bark is a source of tannins, it is also used for dyeing.
16	Mimusops elengi	Bakul	36	Medium sized slow-growing evergreen tree with dense foliage. The flowers are a key source for some of the nesting space for birds.
17	Thespesia populnea	Bhendi	03	These trees are often used in traditional medicine, where the bark, root, leaves, flowers and fruits are all used to treat a range of ailments.
18	Prunus avium	Cheri	10	It is often cultivated as a flowering tree. Because of the size of the tree, it is often used in parkland, and less often as a street or garden tree.
19	Pongamia pinnata	Karanj	02	The oil from this tree is not edible but can produce bio-gas Karanja is an herbal medicine used in Ayurveda which predominantly is used in treating skin diseases
20	Bombax Ceiba	Katesavar	06	A straight tall trunk and its leaves are deciduous in winter Although its stout trunk suggests that it is useful for timber, its wood is too soft to be very useful.

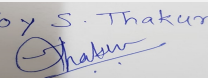
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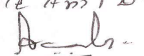
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21	Cassia fistula	Golden Shower Tree	03	It is widely grown as an ornamental plant in tropical and subtropical areas. Flowering is profuse, with trees being covered with yellow flowers, many times with almost no leaf being seen
22	Keshiya Samiya	Yellow Cassia	18	It is a popular ornamental plant and is also used in herbal medicine. Growth for this tree is best in full sun on well-drained soil; it is relatively drought-tolerant and slightly salt-tolerant
23	-	Kristal Pam	06	-
24	Mangifera indica	Mango	1	different parts of the mango tree, both as food and medicine. Extracts of the bark, leaves, stems, and unripe fruits have demonstrated antibiotic properties in vitro, and are used in traditional medicine
25	Millingtonia hortensis	Indian Cork Tree	19	The tree is considered ornamental and the pleasant fragrance of the flowers renders it ideal as a garden tree. The wood is also used as timber and the bark is used as an inferior substitute for cork.
26	Swietenia macrophylla	Mahogany	11	very large tree, used as wind breakers. used as a shade tree, has been used in reforestation projects.
27	Azadirachta indica	Neem	11	Neem leaves are dried in India and placed in cupboards to prevent insects eating the clothes, and also in tins where rice is stored. Neem leaves are dried and burnt in the tropical regions to keep away mosquitoes.
28	Moringa oleifera	Shevga	01	Effective as soap for hand washing when wetted in advance to enable anti-septic and detergent properties from phytochemicals in the leaves.
29	Michelia champaca	Sonchafa	09	Popular for its fragrant yellow flowers, large evergreen tree is handsome in appearance grows uprights & suitable for planting anywhere. All parts of plants have medicinal value & used in Ayurveda. Also religious significance. Flowering from end of summers till monsoons.
30	Tabebuia Rojiya	Tabebuia	14	Tabebuia consists almost entirely of trees, but a few are often large shrubs. A few species produce timber, but the genus is mostly known for those that are cultivated as flowering trees.
31	-	Valke	11	-

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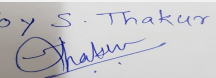
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32	Cassia fistula	Amaltas	03	Medium sized deciduous tree. A beautiful tree for small gardens, parks and along medium and small roads excellent yellow inflorescence
33	Albizia lebbeck	Siris	03	Large sized deciduous tree. The tree has a graceful appearance and beautiful foliage.
34	Pongamia pinnata	Karanj	03	Tree is well suited to intense heat and sunlight and its network of lateral route makes it draught tolerant
35	Proposed Trees: 102 Nos., Trees already planted on site: 174 nos., Trees For Compensatory Plantation: 09 nos.	Total Trees at site	285	

45.Total quantity of plants on ground

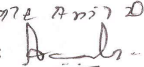
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Spider lily	@ 0.45m c/c	91.93 Sq. Mts.
2	Lobster-claws	@ 0.45m c/c	91.93 Sq. Mts.
3	Canna	@ 0.45m c/c	91.93 Sq. Mts.
4	Giant Water Lily	@ 0.45m c/c	91.93 Sq. Mts.
5	Oleander	@ 0.45m c/c	91.93 Sq. Mts.
6	Plumbago	@ 0.45m c/c	91.93 Sq. Mts.
7	Slender goldshower	@ 0.45m c/c	91.93 Sq. Mts.
8	Hibiscus	@ 0.45m c/c	91.93 Sq. Mts.
9	Acalypha	@ 0.45m c/c	91.93 Sq. Mts.
10	Blue porterweed	@ 0.45m c/c	91.93 Sq. Mts.
11	Cape honeysuckle	@ 0.45m c/c	91.93 Sq. Mts.
12	Lemon grass	@ 0.45m c/c	91.93 Sq. Mts.
13	Fountain grass	@ 0.45m c/c	91.93 Sq. Mts.
14	Gardenia	@ 0.45m c/c	91.93 Sq. Mts.
15	Yellow bells	@ 0.90m c/c	91.93 Sq. Mts.
16	Yellow bauhinia	@ 0.90m c/c	91.93 Sq. Mts.
17	Dwarf white bauhinia	@ 0.90m c/c	91.93 Sq. Mts.
18	Red Powderpuff	@ 0.90m c/c	91.93 Sq. Mts.
19	Yellow hibiscus	@ 0.90m c/c	91.93 Sq. Mts.
20	White hibiscus	@ 0.90m c/c	91.93 Sq. Mts.
21	Red hibiscus	@ 0.90m c/c	91.93 Sq. Mts.
22	Yellow oleander	@ 0.90m c/c	91.93 Sq. Mts.
23	Adusa	@ 0.90m c/c	91.93 Sq. Mts.
24	Dombeya	@ 0.90m c/c	91.93 Sq. Mts.
25	Physic nut	@ 0.90m c/c	91.93 Sq. Mts.
26	Peacock flower	@ 0.90m c/c	91.93 Sq. Mts.
27	Crepeflower	@ 0.90m c/c	91.93 Sq. Mts.

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28	Ashanti blood	@ 0.90m c/c	91.93 Sq. Mts.
29	Crape jasmine	@ 0.90m c/c	91.93 Sq. Mts.

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	1 No of 125 KVA
	During Operation phase (Connected load):	3577 KW
	During Operation phase (Demand load):	1965 KW
	Transformer:	3 Nos. of 630 KVA
	DG set as Power back-up during operation phase:	2 Nos. of 125 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

LED Light are considered.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV	27000 KWH/Annum - 0.36
2	Auto Timer Logic Controller	104770 KWH/Annum - 1.39
3	Electronic VVF drive for Lifts	34309 KWH/Annum - 0.46
4	Solar Water Heater	1722600 KWH/Annum - 22.86
5	Total	1888678 KWH/Annum - 25.07 %

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
STP	0	STP with MBBR technology
OWC	0	Samruddhi composting machine
DG set	0	Stack as per CPCB guidelines

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 190.19 Lakhs
	O & M cost:	Rs. 5.37 Lakhs/annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, air and noise monitoring	0.72+0.48 = 1.2 Lakh
2	Water Environment	Tanker water for construction & water monitoring	3.24+0.6 = 3.84 Lakh
3	Land Environment	Site Sanitation	5.4 Lakh
4	Biological Environment	Gardening Set Up and top soil preservation	1.98 Lakh
5	Socio-Economic Environment	Safety, First Aid, Health Hygiene Facilities, Disinfection at site (Pest control), Health Check Up, Creches for children, Personal Protective Equipment.	7.95 Lakh
6	Total	-	20.37 Lakh

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP	MoEF & CC approved laboratory	10.72
2	Water	STP	187.64	23.19
3	Energy	Solar PV Cells / Streetlight/Wire rope LED light	190.19	5.37
4	Land Environment	Gardening	466.00	0.65
5	Solid waste	Solid waste management	45.69	6.85
6	Total	-	889.52 Lakh	46.78 Lakh/yr

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

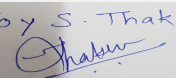
52.Any Other Information

No Information Available

53.Traffic Management

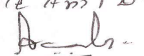
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	Nos. of the junction to the main road & design of confluence:	1 No. till main Road.
Parking details:	Number and area of basement:	Area of the basement: NA No. of basements:00
	Number and area of podia:	Area of the Podium: =13323.79 Sq.m. No. of Podium: 1 No.
	Total Parking area:	24172.85 sq.m.
	Area per car:	For stilt Parking: 30 m2
	Area per car:	For stilt Parking: 30 m2
	Number of 2-Wheelers as approved by competent authority:	2004 Nos
	Number of 4-Wheelers as approved by competent authority:	502 Nos.
	Public Transport:	-
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 15 km
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

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PP submitted their application for amendment in earlier EC for total plot area of 24,400 m², Total BUA of 87708.70 m² and FSI area of 51257.53 m².

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) B1.

DECISION OF SEAC

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

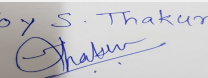
Specific Conditions by SEAC:

- 1) Committee noted that PP has applied to PCMC for obtaining permission to lay down storm water drain across 12.5 m wide DP road, however the same is yet to be received. PP has undertaken that they will commission the work after permission is received.
- 2) PP to upload revised STP drawings.

FINAL RECOMMENDATION

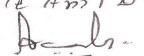
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-000000007159

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