

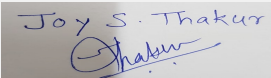
Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for REVALIDATION OF EC FOR " Ganga Sparsh & Ph I & II & Ganga Elica " at S no. 17/2A/1,2,3, 17/3B, 17/7 A/10, 17/3A, 17/2/4, 16/4c,16/5 17/8/10C, 16/3, 16/6 (P), 17/5(P), 16/2, 16/1B, 16/1C, 16/4B, A/P: Undri, Tal. Haveli, Dist. Pune

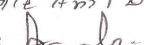
Is a Violation Case: No

1.Name of Project	" Ganga Sparsh Ph I & II & Ganga Elica "
2.Type of institution	Private
3.Name of Project Proponent	GOEL GANGA INDIA PVT LTD
4.Name of Consultant	NABET ACCREDITED CONSULTANT
5.Type of project	Construction Project - Residential Development
6.New project/expansion in existing project/modernization/diversification in existing project	REVALIDATION OF EXISTING EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	PREVIOUS EC RECEIVED VIDE LETTER SEAC-2011/CR38/TC 2 DATED 28 DEC 2011
8.Location of the project	S no. 17/2A/1,2,3, 17/3B, 17/7 A/10, 17/3A, 17/2/4, 16/4c,16/5 17/8/10C, 16/3, 16/6 (P), 17/5(P), 16/2, 16/1B, 16/1C, 16/4B, A/P: Undri, Tal. Haveli, Dist. Pune
9.Taluka	HAVELI
10.Village	UNDRI
Correspondence Name:	Shri Atul Goel
Room Number:	-
Floor:	3 RD FLOOR
Building Name:	SAN MAHU COMPLEX
Road/Street Name:	5 BUND GARDEN ROAD
Locality:	CAMP
City:	PUNE
11.Area of the project	PUNE MUNICIPAL CORPORATION
12.IOD/IOA/Concession/Plan Approval Number	Commencement certificate dated 9-11-2016 - No 1334/16-17
	IOD/IOA/Concession/Plan Approval Number: Commencement certificate dated 9-11-2016 - No 1334/16-17
	Approved Built-up Area: 78000.54
13.Note on the initiated work (If applicable)	8 NO OF BUILDINGS OUT OF 11 NO BUILDINGS COMPLETED AS ON19 Aug 2018
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Commencement certificate dated 9-11-2016 - No 1334/16-17
15.Total Plot Area (sq. m.)	52304.13 SQM
16.Deductions	11604.42
17.Net Plot area	40699.71
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 45994
	b) Non FSI area (sq. m.): 32006.54
	c) Total BUA area (sq. m.): 78000.54
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 45994.77
	Approved Non FSI area (sq. m.): 32006.54
	Date of Approval: 09-11-2016
19.Total ground coverage (m2)	9499.14
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.33
21.Estimated cost of the project	704121000

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 1 of 134

Name: K. Anil Kale

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

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	5 No residential Buildings	Parking floor+ 7 Upper loors	20.23
2	6 No of Residential Buildings	Parking + 12 Upper Floors	37.95
3	8 No Of Bunglow	Ground + 1st Floor	7.32
4	1 No Commercial	B+G+5	19.22
5	Club House 1	G	3.66
6	Club House 2	G+1	8.20

23. Number of tenants and shops	726 tenaments
24. Number of expected residents / users	Residential -3630 Nos + commercial - 816 nos =Total 4446 Nos
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))	12 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)	NO

31. Production Details

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

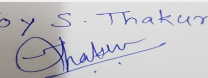
32. Total Water Requirement

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 2 of 134	Name: K 072 Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PMC
	Fresh water (CMD):	343.02
	Recycled water - Flushing (CMD):	183.75
	Recycled water - Gardening (CMD):	36
	Swimming pool make up (Cum):	15
	Total Water Requirement (CMD) :	577.77
	Fire fighting - Underground water tank(CMD):	870
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	254.34
Wet season:	Source of water	PMC
	Fresh water (CMD):	343.02
	Recycled water - Flushing (CMD):	183.75
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	15
	Total Water Requirement (CMD) :	541.77
	Fire fighting - Underground water tank(CMD):	870
	Fire fighting - Overhead water tank(CMD):	20
	Excess treated water	254.34
Details of Swimming pool (If any)	Dimension Of Swimming pool - • Ganga Sparsh Ph II - pool Size -9*18*1.2 M • Ganga Sparsh Ph II - Baby pool Size - 6*4.5*1.2 m • Ganga Sparsh- pool Size -64.1*1.2 m • Total water requirement- kld • Water requirement for make up - 5 kld • Details of Plant & Machinery used for treatment of • Swimming pool water: Filter, Self Priming pump, • Control panel for pump, Hair and lint strainer, S/F • main drain in white ABS, S/I vacuum point in white • ABS, inlet point in white ABS, overflow grating.	

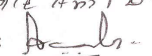
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	577.77	0	577.77	52.68	0	52.68	474.09	0	474.09


 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 16, 2018

Page 3 of
 134

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	10-13 m	
	Size and no of RWH tank(s) and Quantity:	NA	
	Location of the RWH tank(s):	NA	
	Quantity of recharge pits:	30 Nos	
	Size of recharge pits :	1.2*1.2*1.2 m	
	Budgetary allocation (Capital cost) :	7.00 Lacs	
	Budgetary allocation (O & M cost) :	2.00 Lacs	
	Details of UGT tanks if any :	UGT 1 • Domestic UG tank Capacity: 125 KLD • Flushing UG tank Capacity: 125 KLD • Fire UG tank Capacity: 200 KLD UGT 2 • Domestic UG tank capacity: 108 KLD • Flushing UG tank capacity:25 KLD	
35.Storm water drainage	Natural water drainage pattern:	Storm Water collection system is proposed in project premises.	
	Quantity of storm water:	1504.02 cum	
	Size of SWD:	3 * 3 * 2 m	
Sewage and Waste water	Sewage generation in KLD:	474.09	
	STP technology:	MBBR	
	Capacity of STP (CMD):	660 KLD -1 No	
	Location & area of the STP:	As per services Plan	
	Budgetary allocation (Capital cost):	80.00 Lacs	
	Budgetary allocation (O & M cost):	4.5 Lacs	
36.Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Phase - Total 50 kg/day	
	Disposal of the construction waste debris:	Excavated earth material will be used for filling material for plinth area and top soil for landscaping	
Waste generation in the operation Phase:	Dry waste:	889 kg/day	
	Wet waste:	1171 kg/day	
	Hazardous waste:	NA	
	Biomedical waste (If applicable):	NA	
	STP Sludge (Dry sludge):	2 Kg/Day	
	Others if any:	NA	
Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 4 of 134	Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Through Authorized Recycler
	Wet waste:	In Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used As a manure and rest will be handed over to nursery
	Others if any:	NA
Area requirement:	Location(s):	As per Layout
	Area for the storage of waste & other material:	35 sqm
	Area for machinery:	Included in above area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	11.5 Lacs
	O & M cost:	2.5 Lacs

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

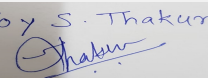
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	100 Kva -1 No	HSD	1	5	.015	135
2	125 KVA -1 No	HSD	1	5	.015	135

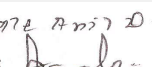
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	HSD	HSD	HSD
41. Source of Fuel		AUTHORIZED DEALAR		
42. Mode of Transportation of fuel to site		By Road		


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 5 of 134

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

43.Green Belt Development	Total RG area :	7182.30 sqm
	No of trees to be cut :	There are 16 no existing trees on site for which permission for cutting has been obtained .however 685 trees will be planted in premises. Biodiversity of the surrounding area will be maintained with well-planned landscape and tree plantation
	Number of trees to be planted :	685
	List of proposed native trees :	Provided
	Timeline for completion of plantation :	Before Completion of project

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta Indica	NEEM	--	Medicinal properties
2	Albizia Lebbeck	Shishir	--	Soil Binder, Medicinal properties
3	Bauhinea Purpurea	KANCHAN	--	Air Purifier, Draught Resistant ,Medicinal properties
4	Peltophorum Ferrugineum	COPPER POD TREE	--	Dense Shade during Summer
5	Cassia Fistula	BAHAVA	--	Attract Bee, Butterfly
6	Lagestromia Speciosa	FLOS REGINAE	--	Dense Shade during Summer
7	Pongamia Pinnata/ Glabra	KARANJ	--	Host for Butterflies, Nitrogen fixing capacity , Good ecological restoration
8	Millingtonia Hortensis	INDIAN CORK TREE	--	Nitrogen Fixing Capacity, Retain Water In soil
9	Terminalia Cuniata	ARJUN	--	Medicinal Property
10	Samania Saman	RAIN TREE	--	Dense Shade during Summer
11	Brassia Actinophylla	UMBRELLA PLANT	--	Good for Ornamental Purpose
12	Plumeria Alba	CHAPHA	--	Good for Ornamental Purpose
13	Parkesonia Aculeatea	Parkesonia Aculeatea	--	Soil conservation purpose

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 6 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	20 kw
	DG set as Power back-up during construction phase	30 Kva -1 No
	During Operation phase (Connected load):	-
	During Operation phase (Demand load):	3507 Kw
	Transformer:	630 Kva -7 No Indoor Transformer
	DG set as Power back-up during operation phase:	100 Kva -1 No, 125 Kva -1 No
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

CFL & LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.

Occupancy sensor switches for non frequently used closed rooms.

Use of Building Management system (BMS) to have efficient control to save energy.

PP cement shall be used which contains 15 % Fly ash.

Use of Water cooled and energy efficient chillers.

To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED Lights.

Auto Timer Switches Will Be Done for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.

Parking / external lights are divided to three sets of circuits to switch off automatically.

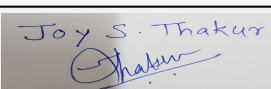
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar water Heater, Solar PV in Operation phase	Time control, CFL Lights

50. Details of pollution control Systems

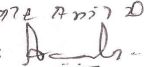
Source	Existing pollution control system	Proposed to be installed
Sewage	STP	Not applicable
Solid Waste	OWC	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Solar Hot Water - 25 Lac
	O & M cost:	2 Lac


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 7 of 134

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Dust Suppression Measures and Barricading	2.5
2	Water Environment	Periodic testing from MOEF approved Laboratory	1.5
3	Noise Environment	Noise Barrier, Acoustic enclosure for DG	1.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	STP	80	4.5
2	Green belt	Landscaping	37	3

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

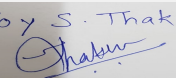
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

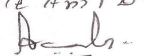
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1 No
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 8 of 134

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

Parking details:	Number and area of basement:	ONE NUMBER OF BASEMENT FOR COMMERCIAL - WHICH IS YET TO CONSTRUCT
	Number and area of podia:	No
	Total Parking area:	7099 sqm
	Area per car:	12.5 sqm
	Area per car:	12.5 sqm
	Number of 2-Wheelers as approved by competent authority:	734 for Residential and 20 for commercial
	Number of 4-Wheelers as approved by competent authority:	367 for Residential and 20 for Commercial
	Public Transport:	PMPML Bus stop Available
	Width of all Internal roads (m):	12 M
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NAION OF ec
	Category as per schedule of EIA Notification sheet	8(a) B2
	Court cases pending if any	• Special Civil Suit 64/13 - Janabai Chaudhari V/S Goel Ganga Developers (India) Pvt. Ltd. • Special Civil Suit No. 699/2014- Amol Kamathe And Jaiprakash Sitaram Goel And Others • Special Civil Suit No. 357/2015 - Goel Ganga Developers (India) Pvt. Ltd. V/S Rajendra Puneekar • Regular Civil Suit No. 1901/2015 - Yamunabai Hande V/S Tulshiram R. Kamathe And Other • Special Civil Suit No. 32/2016 - Ujwala Vitthal Avhale V/S Goel Ganga Developers (India) Pvt. Ltd. All the above mention
	Other Relevant Informations	We have obtained EC vide letter File no SEAC-2011/CR38/TC 2 DATED 28 DEC 2011 - Due to unavoidable circumstances, demand and supply situation , the sale has been very slow , so we are unable to complete the construction of our project within set time frame so We are applying for Re validation of EC
	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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 9 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Environment Clearance for REVALIDATION OF EC FOR “ Ganga Sparsh & Ph I & II & Ganga Elica “ at S no. 17/2A/1,2,3, 17/3B, 17/7 A/10, 17/3A, 17/2/4, 16/4c,16/5 17/8/10C, 16/3, 16/6 (P), 17/5(P), 16/2, 16/1B, 16/1C, 16/4B, A/P: Undri, Tal. Haveli, Dist. Pune by GOEL GANGA INDIA PVT LTD.

PP submitted their application for prior Environmental clearance for total plot area of 52304.13 Sq. Mtrs, BUA of 78000.54 Sq. Mtrs and FSI area of 45994 Sq. Mtrs and Non FSI area of 32006.54 sq mtrs.

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.

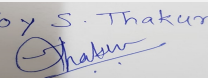
DECISION OF SEAC

During discussion PP stated that they have got the Environmental clearance on 28.12.2011 and no change in earlier EC also no change in foot print and requested this application is treat as only for revalidation. Committee decided to forward this application online to SEIAA only for revalidation of EC subject to opinion of L & JD.

Specific Conditions by SEAC:

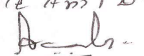
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
16, 2018

Page 10
of 134

Name: K 072 Anil D.
Signature: 
Shri. Anil Kale (Chairman
SEAC-III)

Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

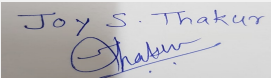
Subject: Environment Clearance for Amendment in previous EC

Is a Violation Case: No

1.Name of Project	Orchid
2.Type of institution	Private
3.Name of Project Proponent	Sanjeevani Developers
4.Name of Consultant	Not applicable
5.Type of project	Housing project- Residential and Commercial construction project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Previous EC Vide no. SEAC-2016/C.R.424/TC-1
8.Location of the project	S.No.23/3 + 24/1A + 24/1B.
9.Taluka	Mulshi
10.Village	Sus
Correspondence Name:	Mr. Sanjay Despande
Room Number:	-
Floor:	1st
Building Name:	101 Sujal Apartments
Road/Street Name:	Road, Near Mhatre Bridge
Locality:	Patwardhan Baug
City:	Pune
11.Area of the project	PMRDA (Town Planning)
12.IOD/IOA/Concession/Plan Approval Number	Sanctioned by PMRDA
	IOD/IOA/Concession/Plan Approval Number: 9/13
	Approved Built-up Area: 23239
13.Note on the initiated work (If applicable)	As per previous EC
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	10600
16.Deductions	2008.35
17.Net Plot area	8591.61
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 12600.89
	b) Non FSI area (sq. m.): 10637.46
	c) Total BUA area (sq. m.): 23239
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 12600.89
	Approved Non FSI area (sq. m.): 10637.46
	Date of Approval: 11-03-2016
19.Total ground coverage (m2)	3613.94 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25 %
21.Estimated cost of the project	36000000

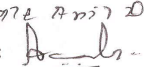
22.Number of buildings & its configuration

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

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

Page 11
of 134

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

1	Yashween Jeevan A	P +10	31.90
2	Yashween Jeevan B	P +10	31.90
3	Yashween Orchid A	P +10	31.90
4	Yashween Orchid B	P +10	31.90
5	Yashween Orchid B	P +10	31.90

23.Number of tenants and shops	Tenements 208
24.Number of expected residents / users	1040
25.Tenant density per hectare	250 tenement/ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	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	Building A, B, C, D
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: 73 Meeting Date: October 16, 2018	Page 12 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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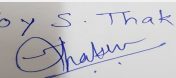
Dry season:	Source of water	Sus Gram Panchayat
	Fresh water (CMD):	94 KL
	Recycled water - Flushing (CMD):	47 KL
	Recycled water - Gardening (CMD):	22 KL
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	163 KL
	Fire fighting - Underground water tank(CMD):	200 KL
	Fire fighting - Overhead water tank(CMD):	25 Kl/bldg
	Excess treated water	57

Wet season:	Source of water	Sus Gram Panchayat
	Fresh water (CMD):	94 KL
	Recycled water - Flushing (CMD):	47 KL
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	141 KL
	Fire fighting - Underground water tank(CMD):	200 KL
	Fire fighting - Overhead water tank(CMD):	25 KL/bldg
	Excess treated water	79

Details of Swimming pool (If any)
 Pool Dimensions: 12.20 m X 7.70 m
 Total water Requirement in KLD: 94 kl
 Water requirement for make up in KLD: 5 KL
 Details of Plant & Machinery used for treatment of Swimming pool water: high rate sand filters filter media, Self Priming pump, Control panel for pump, Vacuum fitting Chemicals required for maintaining the Swimming Pool TCCA (Trichloro icocynuric Acid) granules. Disinfection by: Chlorination

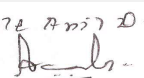
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	94	94	Not applicable	10	10	Not applicable	84	84
Gardening	Not applicable	22	22	Not applicable	22	22	Not applicable	0	0

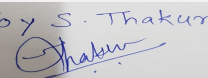
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 13 of 134

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	64 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	6 no. with borewell
	Size of recharge pits :	1 m x 2 m x 1.5 m
	Budgetary allocation (Capital cost) :	Rs 10,45,000/-
	Budgetary allocation (O & M cost) :	Rs 52,200/- per annum
	Details of UGT tanks if any :	Domestic UG tank Capacity: 153 KL Flushing UG tank Capacity: 51 KL (Considered in STP) Fire UG tank Capacity: 200 KL
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	9364.29 cum/year
	Size of SWD:	From 450 to 600 mm with Slope 1:100
Sewage and Waste water	Sewage generation in KLD:	126 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. with capacity:145 KL
	Location & area of the STP:	Please refer layout
	Budgetary allocation (Capital cost):	Rs 30,00,000/-
	Budgetary allocation (O & M cost):	Rs 12,50,000/- per annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not applicable
	Disposal of the construction waste debris:	Land filling on same site
Waste generation in the operation Phase:	Dry waste:	182 kg/day
	Wet waste:	297 kg/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	36 kg/day
	Others if any:	E- waste : 210 kg/year

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
 16, 2018**

**Page 14
 of 134**

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

Mode of Disposal of waste:	Dry waste:	Through Authorized vendors
	Wet waste:	Mechanical composter
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Manure
	Others if any:	E-waste disposal through authorize vender
Area requirement:	Location(s):	Please refer layout
	Area for the storage of waste & other material:	37.5 sqm
	Area for machinery:	15 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 12,00,000/-
	O & M cost:	Rs 1,25,000/- per annum

37. Effluent Characteristics

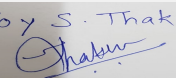
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.0-8.5	5.5-7.0	Not applicable
2	Oil & Grease	mg/l	10 - 20	< 10	Not applicable
3	BOD	mg/l	200-250	< 10	Not to exceed 10
4	COD	mg/l	350-450	<30	Not to exceed 100
5	Total Suspended solids	mg/l	150-200	<10	Not to exceed 50
6	Total nitrogen	mg/l	120	<50	Not applicable
7	Nitrate	mg/l	15-16	<10	Not applicable
8	Dissolve Phosphate	mg/l	13-15	<5	Not applicable
9	Fecal coliform	MPN	1000000	Nil	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

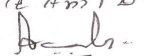
39. Stacks emission Details

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 15 of 134

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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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 :	1664.27
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	259
	List of proposed native trees :	As per below list
	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	12	Shedy trees
2	Bauhinia purpurea	Kanchan	12	Shady deciduous tree
3	Tamrindus indica	Chinch	10	Fruit bearing tree
4	Azadirachta indica	Neem	5	Medicinal plant and shedy tree
5	Manikara hexandra	Chikoo	10	Fruit bearing tree
6	Saraca indica	Ashok	9	Ornamental plant, Shady tree with red flower
7	Anthocephalous	Kadam	10	Shady large deciduous tree, fast growing tree
8	Ferronia lemonia	Limbu	6	Native, drought tolerant, edible fruits, bird attracting
9	Michelia champaka	Son chafa	10	Bee attracting flowers, ornamental plant
10	Abizzia lebbek	Shirish	8	Shedy tree
11	Erthrina indica	Pangara	10	Shedy tree
12	Couroupita guianesis	Kailasapati	9	Shady deciduous tree
13	Pterospermum	Muchkund	5	Shady deciduous tree
14	Polyalthea longifolia	Ashok	20	Shady deciduous tree
15	Plumeria alba	Chafa	32	Ornamental plant
16	Eugenia jambolana	Jambhul	20	Fruit bearing tree
17	Parkia biglandulosa	Chendu Phali	20	Shady deciduous tree
18	Taebubea rosea	Taebubea	27	Shady deciduous tree
19	Cordia sabastina	Codia	20	Shady deciduous tree

45.Total quantity of plants on ground

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 16 of 134	Name: K 072 Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Name	C/C Distance	Area m2
1	Not applicable	Not applicable	Not applicable

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KW
	DG set as Power back-up during construction phase	40 kVA x 1
	During Operation phase (Connected load):	1517.70 KW
	During Operation phase (Demand load):	1214.16 KW
	Transformer:	630 KVA x 2
	DG set as Power back-up during operation phase:	125 KVA x 1
	Fuel used:	diesel
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

- Use of T5-28W, CFL lamps & Induction lamps shall be used for Common area
- Motion sensors are proposed for parking areas
- Use of non conventional energy i.e. Solar water heating system.
- Transformers are located close to load center to minimize transmission losses
- Solar lighting for common areas.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Water heater	357525

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water	Not applicable	STP
Solid waste	Not applicable	OWC
Noise due to DG set	Not applicable	Acoustic enclouser and canopy

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 70,00,000/-
	O & M cost:	Rs 2,04,000/- per annum

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 17 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosion Control	Dust control measures, barricading	Rs 4,00,000
2	Site safety	Safety nets, safety equipments	Rs 3,50,000
3	Site sanitation	Toilets and cleanliness for labourers	Rs 1,50,000
4	Disinfection and health checkups	monitoring of health of labourers and hygiene	Rs 1,00,000
5	Environmental monitoring	Air, water, soil monitoring	Rs 1,00,000

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	Installation and civil cost for 198 KLD capacity	30	1.25
2	STP	Installation and civil cost for 198 KLD capacity	30	1.25
3	Rain water harvesting	internal piping	1.45	0.52
4	Storm water networking	upto final disposal	15	0.50
5	Storm water networking	upto final disposal	15	0.50
6	Solid waste management	Installation and operation	12	1.25
7	Green belt development	Plantation of trees and lawn	25.60	1.50
8	Energy saving measures (including solar water heater)	Installation and operation	70	2.04

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

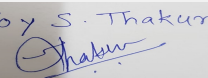
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

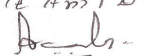
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1
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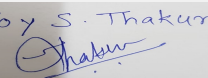
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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 18 of 134

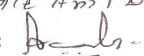
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Signature: Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	2921 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
	Number of 2-Wheelers as approved by competent authority:	257
	Number of 4-Wheelers as approved by competent authority:	60
	Public Transport:	Not applicable
	Width of all Internal roads (m):	9 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 a (B-2)
	Court cases pending if any	No
	Other Relevant Informations	The project got Environmental Clearance vide no. SEAC III-2015/CR-89/TC-3 dated 26th August 2016. This application is only for the amendment in previous EC Scrutiny fee is already paid for this project.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 19 of 134

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

Environment Clearance for Amendment in previous EC Orchid at S.No.23/3 + 24/1A + 24/1B. Sus Tal-Mulshi by Sanjeevani Developers.

PP submitted their application for prior Environmental clearance for total plot area of 10600 Sq. Mtrs, BUA of 23239 Sq. Mtrs and FSI area of 12600.89 Sq. Mtrs and Non FSI area of 10637.46 sq mtrs.

DECISION OF SEAC

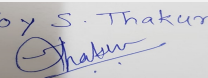
PP remains absent, hence committee decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

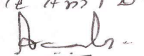
SEAC-III decided to defer the proposal. Kindly find SEAC decision above.

SEAC-AGENDA-0000000149

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

**Page 20
of 134**

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

Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

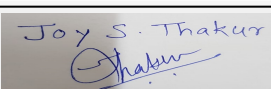
Subject: Environment Clearance for Environmental clearance for proposed group housing scheme at plot bearing khasra no. 61,62,63/1-5, Mouza Yerkheda, tahsilnkamptee, Dist. Nagpur

Is a Violation Case: No

1.Name of Project	POONAM RESORT at plot bearing khasra No. 61,62,63/1-5, Mouza Yerkheda, tahsilnkamptee, Dist. Nagpur
2.Type of institution	Private
3.Name of Project Proponent	Mr. Nandkumar Harchandani
4.Name of Consultant	Enviro Analysts & Engineers Pvt. ltd. B-1003, Enviro House, 10th floor, Western edge II, western express highway, Borivali (E) Mumbai
5.Type of project	Commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	At plot bearing khasra no. 61,62,63/1-5, mouza Yerkheda, Tahsil kamptee, Dist nagpur
9.Taluka	Kaptee
10.Village	Yerkheda
11.Area of the project	Gram panchayat Yerkheda
12.IOD/IOA/Concession/Plan Approval Number	Plans are approved by Nagpur Improvement trust IOD/IOA/Concession/Plan Approval Number: EE(m)/4016 dated 08/01/2016 Approved Built-up Area: 37063.272
13.Note on the initiated work (If applicable)	Total Construction Work : 19932.983 Sq mt. Work has been carried out for the said project as per CC obtained on dated 11.03.2013. MPCB Court case No. 3986 of 2015 dated 27.01.2015 was received from MPCB.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Plans are approved by Nagpur Improvement trust
15.Total Plot Area (sq. m.)	46142.20
16.Deductions	8264.65
17.Net Plot area	37877.55
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 26394.007
	b) Non FSI area (sq. m.): 10669.265
	c) Total BUA area (sq. m.): 37063.272
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	8282.524
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.95
21.Estimated cost of the project	937000000

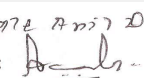
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Block A Club house	B + G + 3 floor	18
2	Block B Banquet	B + G + 1 floor	13
3	Block C Accomodation	B + G + 4 floor	20


Joy S.Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

Page 21
of 134

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

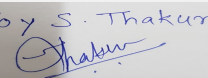
23.Number of tenants and shops	Block A - Club House - 1 No. Block B - banquet - 1 No. Block C - Accommodation 72 Rooms
24.Number of expected residents / users	2324
25.Tenant density per hectare	NA
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	kamptee road 45 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9 m
29.Existing structure (s) if any	Open plot
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

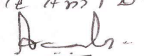
32.Total Water Requirement

Dry season:	Source of water	Gram Panchayat Yerkheda
	Fresh water (CMD):	189
	Recycled water - Flushing (CMD):	63
	Recycled water - Gardening (CMD):	42
	Swimming pool make up (Cum):	17
	Total Water Requirement (CMD) :	349
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	60
	Excess treated water	0

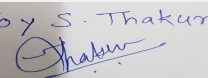
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 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 22 of 134

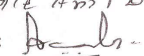
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Wet season:	Source of water	Gram Panchayat Yerkheda								
	Fresh water (CMD):	189/74								
	Recycled water - Flushing (CMD):	63								
	Recycled water - Gardening (CMD):	0								
	Swimming pool make up (Cum):	17								
	Total Water Requirement (CMD) :	349/307								
	Fire fighting - Underground water tank(CMD):	200								
	Fire fighting - Overhead water tank(CMD):	60								
	Excess treated water	0								
Details of Swimming pool (If any)	Dimension of swimming pool Lap pool: 15M x 33M x 1.35M Water massage Pool: 9M x 15M x 0.9M Kids pool: 15M x 15M 0.75M Bar pool: 12.9M x 11M x 0.9M Total Water requirement in KL: 25 Water requirement for make up in KLD: 17									
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:	10 m								
	Size and no of RWH tank(s) and Quantity:	Size 8.2 m x 4 m x 3.5 m (1 no.) Quantity 100 CUM								
	Location of the RWH tank(s):	Underground								
	Quantity of recharge pits:	7 numbers								
	Size of recharge pits :	2 m x 2 m								
	Budgetary allocation (Capital cost) :	15 lakhs								
	Budgetary allocation (O & M cost) :	2.50 lakhs								
	Details of UGT tanks if any :	Domestic Tank Capacity : 500 Cum Treated water tank Capacity : 172 Cum RWH tank Capacity : 100 Cum Fire water tank : 200 cum								

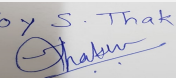
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SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 23 of 134

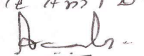
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Signature: 
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35.Storm water drainage	Natural water drainage pattern:	The natural slope for drainage is from south to north
	Quantity of storm water:	2699.51 cum/Hr
	Size of SWD:	400/450 mm
Sewage and Waste water	Sewage generation in KLD:	182.35 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	200 KLD x 1
	Location & area of the STP:	Above Ground
	Budgetary allocation (Capital cost):	40 Lakhs
	Budgetary allocation (O & M cost):	3 Lakhs/Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction Phase: Excavated material 34565.32 Cum, Empty Cement Bags 1,50,000 Nos, Aggregates 30,000 cft, Scrap 75 T, Empty paint cans (20 lit per can) 450 Nos , Waste Tiles 6000 Sq ft.
	Disposal of the construction waste debris:	Excavated material Used In project site, Empty Cement Bags To be sold to vendor., Aggregates Used in project site, Scrap To be sold to vendor, Empty paint cans (20 lit per can) To be sold to vendor , Waste Tiles use for waterproofing of terraces.
Waste generation in the operation Phase:	Dry waste:	465 kg/day
	Wet waste:	697 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	18 Kg/Day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Will be managed through recyclers
	Wet waste:	Biodegradable waste will be processed in OWC and manure so obtained will be used for landscaping.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dry sludge shall be used as manure.
	Others if any:	NA
Area requirement:	Location(s):	On Ground.
	Area for the storage of waste & other material:	10 sq. m.
	Area for machinery:	10 sq. m.

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
 16, 2018**

**Page 24
 of 134**

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	12 Lakhs
	O & M cost:	2 Lakhs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water sent 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 :	8264.65 Sq.mt
	No of trees to be cut :	NA
	Number of trees to be planted :	414 nos
	List of proposed native trees :	Azadirachta indica , Delonix regia , Saraca asoca , Mangifera indica , Gmelina arborea , Syzygium cumini , Phyllanthus emblica , Terminalia Tomentosa , Terminalia arjuna , Tectona grandis .
	Timeline for completion of plantation :	At the end of the construction period

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

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 25 of 134	Name: K. Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	50	Evergreen & native avenues roadsides for shade, used as windbreak, purifies air.
2	Delonix regia	Gulmohar	50	Deciduous tree with orange; red flowers, ornamental .
3	Saraca asoca	Ashoka	30	Shady tree with red-yellow flowers
4	Mangifera indica	Mango	50	Evergreen, fruiting tree with medicinal value.
5	Gmelina arborea	Gamhar	30	Deciduas, fast growing , flowering with medicinal value.
6	Syzygium cumini	Jamun	30	Evergreen, Native, flowering and fruiting tree.
7	Phyllanthus emblica	Awla	50	Evergreen, fruiting tree with medicinal value
8	Terminalia Tomentos	Asan	50	Deciduous tree with medicinal value
9	Terminalia arjuna	Arjun	30	Deciduous tree with medicinal value, white flowers .
10	Tectona grandis	Teak	44	Deciduous tree with fragrant white flowers.

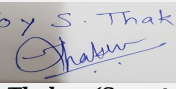
45.Total quantity of plants on ground

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

Serial Number	Name	C/C Distance	Area m2
1	NA	0	0


47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 kw
	DG set as Power back-up during construction phase	No
	During Operation phase (Connected load):	3069 kw
	During Operation phase (Demand load):	2050 kw
	Transformer:	1 x 315 KVA
	DG set as Power back-up during operation phase:	2 x 1000 KVA
	Fuel used:	Diesel
Details of high tension line passing through the plot if any:	NA	

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 26 of 134

Name: K. Anil Kale

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

48. Energy saving by non-conventional method:

External Lighting with solar panel ,
Common area lighting with CFL
FTL ,
Lifts - with variable speed drive will provide for energy conservation

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	External Lighting with solar panel @ 60 %	5 kw saved (20 %)
2	Common area lighting with CFL/FTL	30 kw saved (38 %)
3	Lifts - with variable speed drive	36 kw saved (36 %)

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:	20 lakhs
	O & M cost:	3 lakhs

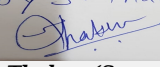
51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water Sprinkling	Air pollution control	2
2	Health, Safety & First Aid Facility	for labors medical checkup	5
3	Sanitary facility and Wastewater Management	for labors	10
4	Environmental Monitoring as per stipulation in EC and Consent.	Air, water, noise, soil, waste water	6

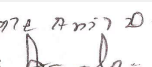
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting & drain channel	For water conservation	15	2.5
2	MSW	solid waste management	12	2
3	STP	waste waster treatment	40	3
4	Solar Energy System	energy conservation	20	3
5	Landscape	green belt development	80	10
6	Swimming Pool	for banquet	35	5
7	Environmental Monitoring	for pollution control	-	2

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
16, 2018

Page 27
of 134

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

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

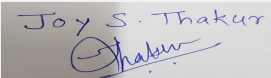
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

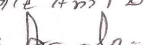
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Road is abutting to plot on the East side (18 mts wide) which is connected to the NH-7 (45 mts wide).
Parking details:	Number and area of basement:	6609.751 Sq. m. 3 basements
	Number and area of podia:	NA
	Total Parking area:	23202.5 sq.mt.
	Area per car:	30 sq. m
	Area per car:	30 sq. m
	Number of 2-Wheelers as approved by competent authority:	1873
	Number of 4-Wheelers as approved by competent authority:	667
	Public Transport:	NA
	Width of all Internal roads (m):	12 and 7.5 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	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 28 of 134

Name: K. Anil Kale

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

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		
<p>Environment Clearance for proposed group housing scheme at plot bearing khasra no. 61,62,63/1-5, Mouza Yerkheda, tahsilnkamptee, Dist. Nagpur by POONAM RESORT.</p> <p>PP submitted their application for prior Environmental clearance for total plot area of 46142.20 Sq. Mtrs, BUA of 37063.272 Sq. Mtrs and FSI area of 26394.007 Sq. Mtrs and Non FSI area of 10669.265 sq mtrs.</p>		
DECISION OF SEAC		
<i>PP remains absent, hence committee decided to defer the proposal.</i>		
Specific Conditions by SEAC:		
FINAL RECOMMENDATION		
Kindly find SEIAA decision above.		

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 29 of 134	Name: K ०१६ ११११ २० Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Agenda of 73rd Meeting of SEAC-3 (DAY-2)

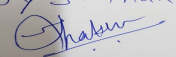
SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for Proposed Development of Dry Port (Inland Container Depot)

Is a Violation Case: No

1.Name of Project	Proposed Development of Dry Port (Inland Container Depot) at Javasgaon and Daregaon Villages in Jalna District, Maharashtra by JNPT
2.Type of institution	Government
3.Name of Project Proponent	Jawaharlal Nehru Port Trust
4.Name of Consultant	Sri Sai Manasa Nature Tech Private Limited
5.Type of project	Townships and Area Development 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	This is new Project
8.Location of the project	Survey Nos. 25 of Javasgaon and 318 of Daregaon Villages in Jalna District, Maharashtra
9.Taluka	Jalna
10.Village	Javasgaon & Daregaon
Correspondence Name:	Sri. S.V. Madabhavi, Chief Manager, PDD, JNPT
Room Number:	CM Chamber
Floor:	Second Floor
Building Name:	JNPT Administrative Building
Road/Street Name:	JNPT Road
Locality:	Sheva
City:	Uran
11.Area of the project	Other Area
12.IOD/IOA/Concession/Plan Approval Number	This is not building Project-NA
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 87600
13.Note on the initiated work (If applicable)	DPR prepared for Development of Dry Port
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	This is not building Project-Not Applicable
15.Total Plot Area (sq. m.)	181.89 Hectare
16.Deductions	This is not building Project-Not Applicable
17.Net Plot area	181.89 Hectare
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): This is not building Project-Not Applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 181.89
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): This is not building Project-Not Applicable
	Approved Non FSI area (sq. m.): This is not building Project-Not Applicable
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	243100
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	13.37
21.Estimated cost of the project	5604700000

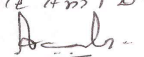
22.Number of buildings & its configuration

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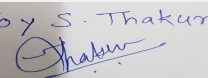
SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 30 of 134

Name: K. Anil Kale
Signature: 

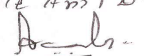
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Custom Office	2 (G+2)	14.7	
2	Office	2 (G+2)	14.7	
3	Liquid Storage 1 & 2	1	5	
4	Cold Storage 1 & 2	1	5	
5	Commercial 1& 2	1	5	
6	Utility	1	5	
23.Number of tenants and shops	Not Applicable			
24.Number of expected residents / users	447			
25.Tenant density per hectare	Not Applicable			
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			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	The fire fighting facility is provided as per OISD norms and are automatic & monitored form adjoining towers.			
29.Existing structure (s) if any	None			
30.Details of the demolition with disposal (If applicable)	No demolition & waste generation			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Proposed project is a development of dry port	Not Applicable	Not Applicable	Not Applicable
32.Total Water Requirement				

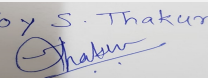
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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 31 of 134

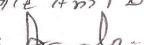
Name: K. Anil Kale

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

Dry season:	Source of water	MIDC								
	Fresh water (CMD):	918								
	Recycled water - Flushing (CMD):	4								
	Recycled water - Gardening (CMD):	10								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	918								
	Fire fighting - Underground water tank(CMD):	No underground Tank is proposed								
	Fire fighting - Overhead water tank(CMD):	No overhead tank is proposed								
	Excess treated water	Nil								
Wet season:	Source of water	MIDC								
	Fresh water (CMD):	918								
	Recycled water - Flushing (CMD):	14								
	Recycled water - Gardening (CMD):	Not applicable								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	918								
	Fire fighting - Underground water tank(CMD):	No underground Tank is proposed								
	Fire fighting - Overhead water tank(CMD):	No overhead tank is proposed								
	Excess treated water	Nil								
Details of Swimming pool (If any)	Not applicable- Proposed project is a liquid Cargo Jetty.									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requirement	0	918	918	0	904	904	0	14	14	

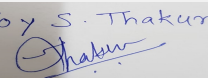
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 32 of 134

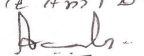
Name: **Kale Anil D.**

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	20 to 25 m below ground level
	Size and no of RWH tank(s) and Quantity:	1 No. 100 x 50 x 2 = 10000 m ³
	Location of the RWH tank(s):	South corner of the proposed project area
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Naturally available at site shall be used as a RWH pit
	Budgetary allocation (O & M cost) :	Nil
	Details of UGT tanks if any :	NOT APPLICABLE
35.Storm water drainage	Natural water drainage pattern:	South and east of the proposed project area
	Quantity of storm water:	2376.4 m ³
	Size of SWD:	Width -1 m & Depth - 1.5 m (Average Depth)
Sewage and Waste water	Sewage generation in KLD:	14
	STP technology:	Waste water treatment using SBR Technology.
	Capacity of STP (CMD):	1 - 25 KLD
	Location & area of the STP:	South corner of the proposed project area. Will be provide in EIA.
	Budgetary allocation (Capital cost):	14290000
	Budgetary allocation (O & M cost):	500000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	None
	Disposal of the construction waste debris:	Not Applicable
Waste generation in the operation Phase:	Dry waste:	36 kg/day
	Wet waste:	72 kg/day
	Hazardous waste:	None
	Biomedical waste (If applicable):	None
	STP Sludge (Dry sludge):	1.5 kg/day
	Others if any:	None

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 16, 2018

Page 33
 of 134

Name: K. Anil Kale

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

Mode of Disposal of waste:	Dry waste:	Recyclable
	Wet waste:	Composting
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Shall be used as a manure for greenbelt
	Others if any:	Not Applicable
Area requirement:	Location(s):	Not Applicable
	Area for the storage of waste & other material:	Not Applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable
	O & M cost:	Not Applicable

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	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

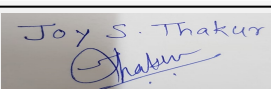
39. Stacks emission Details

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	Diesel 240 lph	1	18.9	0.5	NA

40. Details of Fuel to be used

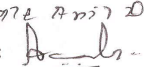
Serial Number	Type of Fuel	Existing	Proposed	Total
1	None	NA	NA	NA

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


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 34 of 134

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

43.Green Belt Development	Total RG area :	18.32 Hectare
	No of trees to be cut :	None
	Number of trees to be planted :	21790
	List of proposed native trees :	Neem, Karanj, Teak, Arjun, Tut, Jamun, Peepal, Bamboo, Kadamb, Shisam, Mahua etc.
	Timeline for completion of plantation :	5 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	Details given in EMP	Details given in EMP	Details given in EMP	Details given in EMP

45.Total quantity of plants on ground

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

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

47.Energy

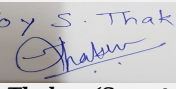
Power requirement:	Source of power supply :	MSTCL, Maharashtra Govt.
	During Construction Phase: (Demand Load)	Construction phase power supply will be met by DG sets. 2000 KVA
	DG set as Power back-up during construction phase	None
	During Operation phase (Connected load):	214 MVA
	During Operation phase (Demand load):	214 MVA
	Transformer:	214 MVA
	DG set as Power back-up during operation phase:	2 x 1000 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Two high tension lines are passing through the proposed project area

48.Energy saving by non-conventional method:

Southern edge of each plot will have solar panel to harness solar energy. Also, building roofs have photovoltaic solar panels as a energy saving by non conventional method.


49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Yes, detail will give in EIA report	Yes, detail will give in EIA report

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 35 of 134

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

50.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
2 x 1000 KVA DG Set	Not Applicable	Available latest technology will be used
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Detail will give in EIA report
	O & M cost:	Detail will give in EIA report

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Construction	Construction of STP & STP conveying pipelines and other environmental related works	18000000

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Dust Suppression on internal approach roads and site connecting road	Water tankers will be used	Not Applicable	5.0
2	Sewage Treatment Plant	Operation and Maintenance	142.9	5.0
3	Greenbelt Development	Leveling and developing	18.0	10.0
4	Environmental Monitoring	Monitoring of Environmental parameters	Not Applicable	4.0
5	Site Housekeeping	Housekeeping of proposed project area	Not Applicable	11.52
6	Miscellaneous Environmental Works	Environmental related works	20.0	5.0

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
None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

52.Any Other Information

No Information Available

53.Traffic Management

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 36 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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	Nos. of the junction to the main road & design of confluence:	1 - Existing single lane road is connecting to Jalna-Aurangabad SH 30 at a distance of 4 km.
Parking details:	Number and area of basement:	NOT APPLICABLE
	Number and area of podia:	NOT APPLICABLE
	Total Parking area:	642000
	Area per car:	Details are given in EMP under heading parking area statement
	Area per car:	Details are given in EMP under heading parking area statement
	Number of 2-Wheelers as approved by competent authority:	Details are given in EMP under heading parking area statement
	Number of 4-Wheelers as approved by competent authority:	Details are given in EMP under heading parking area statement
	Public Transport:	Details are given in EMP under heading parking area statement
	Width of all Internal roads (m):	30 & 20
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No protected area is falling in 10 km radius of the proposed project site
	Category as per schedule of EIA Notification sheet	8(b) - Township and Area Development Project
	Court cases pending if any	No
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 37 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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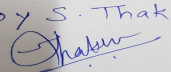
Environment Clearance for Proposed Development of Dry Port (Inland Container Depot) Survey Nos. 25 of Javasgaon and 318 of Daregaon Villages in Jalna District, Maharashtra by JNPT.

PP submitted their application for prior Environmental clearance for total plot area of 181.89 ha. PP proposes to construct custom office building ,1 office building.

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.

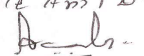
DECISION OF SEAC

SEAC-AGENDA-00000000149

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
16, 2018

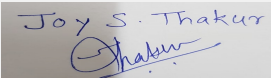
Page 38
of 134

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

After deliberation, Committee asked PP to submit EIA report including all above points for further discussion and consideration of SEAC. PP requested for time to submit above information.

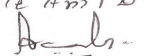
Specific Conditions by SEAC:

- 1) 1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
- 2) 2. PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels & calculations of energy saving; PP to submit energy modelling with write-up support to this.
- 3) 3. PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 4) 4. PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram. g. PP to submit details of additional railway line development in surrounding area.
- 5) 5. PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
- 6) 6. PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 7) 7. PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 8) 8. PP to submit parking area statement as per DCR.
- 9) 9. PP to submit cross section of basement showing width and slope of ramp.
- 10) 10. PP to submit details of basement parking.
- 11) 11. PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.
- 12) 12. PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 13) 13. PP to carry out fugitive dust monitoring by using local meteorological data.
- 14) 14. PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details.
- 15) 15. PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 16) 16. PP to submit disaster management plan.
- 17) 17. PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.
- 18) 18. PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
- 19) 19. PP to submit phase wise development plan considering wind rose diagram.
- 20) 20. PP to obtain and submit following.NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
- 21) 21. PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.
- 22) 22. PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 23) 23. PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
- 24) 24. PP to submit details hydro geological survey report with graphs & data.
- 25) 25. PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 26) 26. PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 27) 27. PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
- 28) 28. PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.
- 29) 29. PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring.
- 30) 30. PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 31) 31. PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/shrubs that cause allergies.
- 32) 32. PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell.


**Joy S.Thakur (Secretary
SEAC-III)**

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**


**Page 39
of 134**

Name: K. Anil Kale

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

FINAL RECOMMENDATION

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


SEAC-AGENDA-00000000149

Joy S. Thakur


Joy S.Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

**Page 40
of 134**

Name: K 072 Anil D.
Signature: 

**Shri. Anil Kale (Chairman
SEAC-III)**

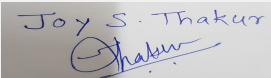
Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for Environmental Clearance for Proposed development of a Dry Port (Inland Container Depot) cum Industrial Park at Parsodi and Dorli Village in Wardha, Maharashtra by Jawaharlal Nehru Port Trust.

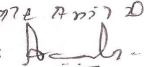
Is a Violation Case: No

1.Name of Project	Proposed development of a Dry Port (Inland Container Depot) cum Industrial Park at Parsodi and Dorli Village in Wardha, Maharashtra, India.
2.Type of institution	Government
3.Name of Project Proponent	Jawaharlal Nehru Port Trust Sheva, Tal-Uran, NaviMumbai- 400707 Maharashtra
4.Name of Consultant	Mantras Green Resources Limited
5.Type of project	Dry Port (Inland Container Depot)
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	Distt. Wardha, Taluka- Seloo, Village Parsodi Survey Nos: 62,47/1,47/2,54/1,54/2, 34/2,35/2,35/1,17,52/1,52/2,18,41,10,25,12/1,12/2, 36,38,45, 49/1, 49/2, 53/1,53/2,56/1, 56/2,48,42/1,42/2,11,39, 13, 109, 23,22,21,50/1, 50/2, 61/A, 61/B, 44, 51/1, 51/2, 20, 7, 33, 37, 16, 19, 8, 29,43,55, 40 , Dorli 49, 50
9.Taluka	Seloo
10.Village	Parsodi and Dorli
Correspondence Name:	Jawaharlal Nehru Port Trust
Room Number:	Jawaharlal Nehru Port Trust Sheva, Tal-Uran, Navi Mumbai- 400707 Maharashtra
Floor:	Ground Floor
Building Name:	Administration Building
Road/Street Name:	Sheva,
Locality:	JNPT
City:	Navi Mumbai
11.Area of the project	Not applicable
12.IOD/IOA/Concession/Plan Approval Number	In Process IOD/IOA/Concession/Plan Approval Number: In Process Approved Built-up Area:
13.Note on the initiated work (If applicable)	Work not initiated. Not applicable.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	In Process
15.Total Plot Area (sq. m.)	1400000
16.Deductions	0
17.Net Plot area	14,00,000
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 57910 b) Non FSI area (sq. m.): c) Total BUA area (sq. m.): 57910
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 57910 Approved Non FSI area (sq. m.): Date of Approval: 15-01-2018
19.Total ground coverage (m2)	56000
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	4
21.Estimated cost of the project	4770000000


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 41 of 134

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

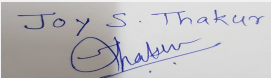
22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Inland Container Depot (ICD)	G+1	12
2	Container Yard (CY)	G	4.5
3	Warehouse (WH)	G	12
4	LIQUID	G+1	9
5	Processing Area/ Warehousing Space (PA/WS)	G+1	9
6	Cold Storage	G+1	9
7	Truck Terminal (TT)	G	6
8	Railway Siding	0	0
9	RTG Workshop	G+1	12
10	Railway Workshop	G+1	12
11	Transit Loading/Unloading	0	0
12	Administration	G+1	12
13	Commercial	G+1	12
14	Utility	0	0
15	Fuel	G	9
16	Fuel	G	9

23. Number of tenants and shops	Not Applicable
24. Number of expected residents / users	1092
25. Tenant density per hectare	NA
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	Fire station is proposed within project boundary
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9 meters
29. Existing structure (s) if any	No
30. Details of the demolition with disposal (If applicable)	No

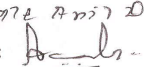
31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
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Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 42 of 134

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

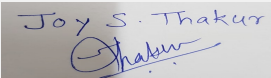
1	Not applicable	Not applicable	Not applicable	Not applicable
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32.Total Water Requirement

Dry season:	Source of water	Maharashtra Jeevan Pradhikaran							
	Fresh water (CMD):	22							
	Recycled water - Flushing (CMD):	27							
	Recycled water - Gardening (CMD):	18							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	49							
	Fire fighting - Underground water tank(CMD):	0							
	Fire fighting - Overhead water tank(CMD):	10 CUM per Bldg							
	Excess treated water	0							
Wet season:	Source of water	Maharashtra Jeevan Pradhikaran							
	Fresh water (CMD):	22							
	Recycled water - Flushing (CMD):	27							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	49							
	Fire fighting - Underground water tank(CMD):	0							
	Fire fighting - Overhead water tank(CMD):	10 CUM per Bldg							
	Excess treated water	18							
Details of Swimming pool (If any)	Not Applicable								

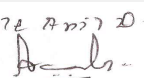
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	Not applicable	22	22	Not applicable	5	13	Not applicable	49	49
Domestic	Not applicable	27	27	Not applicable	0	0	Not applicable	27	27

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 43 of 134

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Gardening	Not applicable	18	18	Not applicable	18	18	Not applicable	0	0
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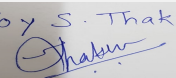
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	140 to 200 mts. b.g.l.
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	10
	Size of recharge pits :	3.0 x 3.0 x 2.25 m
	Budgetary allocation (Capital cost) :	7.5 Lakhs
	Budgetary allocation (O & M cost) :	2.0 lakhs
	Details of UGT tanks if any :	Nil

35.Storm water drainage	Natural water drainage pattern:	Overflow/surplus water from the recharge pit will be discharged into storm water drainage
	Quantity of storm water:	895 m3/min for total plot area
	Size of SWD:	1.50 x 1.50 to 2.0m depth

Sewage and Waste water	Sewage generation in KLD:	45
	STP technology:	MBBR
	Capacity of STP (CMD):	165 KLD
	Location & area of the STP:	Near Liquid 3/4 facility
	Budgetary allocation (Capital cost):	481.50 Lac
	Budgetary allocation (O & M cost):	50.0 Lac /Year

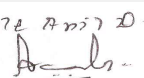
36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	The Construction waste generated during construction stage
	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:	Non-biodegradable - 305 Kg / day
	Wet waste:	Biodegradable - 131 Kg / day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	STP Sludge - 52 kg/day
	Others if any:	Nil

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 44 of 134

Name: Kote Anil D.

Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Will be handed over to Authorized Recycler
	Wet waste:	Wet waste will be treated in OWC & manure will be used for landscaping & gardening.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as manure for landscape development
	Others if any:	Not Applicable
Area requirement:	Location(s):	Near STP
	Area for the storage of waste & other material:	60 sq.m.
	Area for machinery:	15 sq.m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	15.0 Lakh
	O & M cost:	3.0 Lakh

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

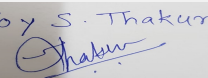
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	5No. X 63 kVA	16 Liter/hr	1	1.6	0.0762	490 °C
2	5No. X 120 kVA	30 Liter/hr	1	2.2	0.1016	553 °C

40. Details of Fuel to be used

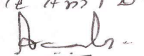
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD for DG Set backup	Not applicable	920 Liter/month	920 Liter/month

41. Source of Fuel	Authorized vendor
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Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 45 of 134

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

42.Mode of Transportation of fuel to site	Not applicable
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43.Green Belt Development	Total RG area :	140021 sq.m.
	No of trees to be cut :	00
	Number of trees to be planted :	17500
	List of proposed native trees :	As below
	Timeline for completion of plantation :	At the time of completion

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	Azadirachtaindica	Neem	1000	Large tree, good for roadside plantation
2	Albizialebeck	Shirish	1000	Shady large tree ,ball shaped flowers
3	Ficusbenjamina	Nandarukh	1000	Shady tree, good for roadside Plantation, small fruit are food of birds
4	Pongamiapinnata	Karanj	1000	fast-growing deciduous tree, ornamental and in avenue plantings
5	Caryotaurens	Fishtail palm	1000	Grown in any type of soil. Very Hardy.
6	Mangiferaindica	Mango	2000	Edible fruit, Bird attracting species
7	Syziziumcuminia	Jamun	1500	Medicinal value, Edible fruit.
8	Saracaasoka	Sita Ashok	1000	Shady tree with red-yellow flowers
9	Cassia fistula	Bahava	1000	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
10	Nyctanthesarbortristis	Parijatak	1000	Small deciduous fast growing tree, beautiful flowrers
11	Lagerstroemia flosregineae	Tamhan	1000	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
12	Bauhinia racemosa	Apta	1000	Small tree with small white flowers, Butterfly host plant
13	Buteamonosperma	Palas	1000	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant
14	Micheliachampaca	Son chafa	2000	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
15	Putranjivaroxburghii	Putranjiva	1000	Medium sized evergreen tree
16	Total proposed	NA	17500	NA

45.Total quantity of plants on ground

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 46 of 134	Name: K ०१६ ७२११ २० Signature: Anil Kale Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Name	C/C Distance	Area m2
1	Not applicable	Not applicable	Not applicable

47. Energy

Power requirement:	Source of power supply :	MSEDCL Sindhi
	During Construction Phase: (Demand Load)	3000 kVA
	DG set as Power back-up during construction phase	3 No X 63 kVA & 3 No X 120 kVA
	During Operation phase (Connected load):	50000 KW
	During Operation phase (Demand load):	32396 kVA
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	5 No X 63 kVA & 5 No X 120 kVA
	Fuel used:	920 Liter/month
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

- Generally we have proposed high efficiency transformer, motors etc. to reduce losses in comparison with conventional type.
- Electronic ballasts and Energy efficient lamp source either triposphere or CFL or LED are proposed for common area & general lighting with automatic time based control to save power by switching ON & OFF the lights at appropriate illumination level.
- Solar PV Panels

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of Solar Street lights	1%
2	Use of Solar Street lights	1%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Sewage	Not applicable	STP
Solid waste	Not applicable	OWC

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	50 Lacs
	O & M cost:	5 Lacs/Year

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 47 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air environment	Water for dust suppression	5.0
2	Site sanitation, disinfection & safety	Mobile toilets, fumigation, Personal protective equipments	3.0
3	Environment monitoring	Air, noise, water & soil	3.0
4	Health	Health checkup	4.0
5	Environment Management Cell	Formation of cell	5.0

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water	Rain Water Harvesting	7.5	2.0
2	Water	Sewage Treatment Plant	481.50	50.0
3	Energy	Solar photo voltaic generation, street lights	50	5
4	Land Environment	Gardening & Tree plantation	175	20
5	Solid waste	Organic Waste Composter	15	3
6	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, Manure	NA	10.0

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

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

52.Any Other Information

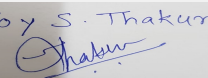
No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	NA
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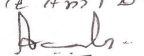
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 48 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	66350 Sq.m.
	Area per car:	Required parking space area of per trucks/Trailer considered 70 & 90 SqMt including manoeuvring space.
	Area per car:	Required parking space area of per trucks/Trailer considered 70 & 90 SqMt including manoeuvring space.
	Number of 2-Wheelers as approved by competent authority:	450
	Number of 4-Wheelers as approved by competent authority:	200
	Public Transport:	Available
	Width of all Internal roads (m):	Minimum 20 & 30 meters
	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) Townships and Area Development projects
	Court cases pending if any	NA
	Other Relevant Informations	No
	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		

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 49 of 134

Name: K 072 Anil D.

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

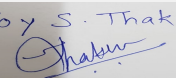
Environmental Clearance for Proposed development of a Dry Port (Inland Container Depot) cum Industrial Park at Parsodi and Dorli Village in Wardha, Maharashtra by Jawaharlal Nehru Port Trust.

PP submitted their application for prior Environmental clearance for total plot area of 1400000 Sq. Mtrs, BUA of 57910 Sq. Mtrs.

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.

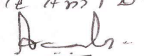
DECISION OF SEAC

SEAC-AGENDA-00000000149

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
16, 2018

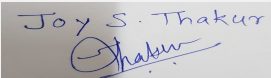
Page 50
of 134

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

After deliberation, Committee asked PP to submit EIA report including all above points for further discussion and consideration of SEAC. PP requested for time to submit above information.

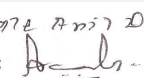
Specific Conditions by SEAC:

- 1) 1. PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
- 2) 2. PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels & calculations of energy saving; PP to submit energy modelling with write-up support to this.
- 3) 3. PP to include carbon footprint estimations for operation & construction phase in EIA report.
- 4) 4. PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.
- 5) 5. PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
- 6) 6. PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 7) 7. PP to submit parking layout plan for all the floors showing slope and width of the ramps.
- 8) 8. PP to submit parking area statement as per DCR.
- 9) 9. PP to submit cross section of basement showing width and slope of ramp.
- 10) 10. PP to submit details of basement parking.
- 11) 11. PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.
- 12) 12. PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
- 13) 13. PP to carry out fugitive dust monitoring by using local meteorological data.
- 14) 14. PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details.
- 15) 15. PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
- 16) 16. PP to submit disaster management plan.
- 17) 17. PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.
- 18) 18. PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.
- 19) 19. PP to submit phase wise development plan considering wind rose diagram.
- 20) 20. PP to obtain and submit following.NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
- 21) 21. PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.
- 22) 22. PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
- 23) 23. PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
- 24) 24. PP to submit details hydro geological survey report with graphs & data.
- 25) 25. PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
- 26) 26. PP to provide mandatory RG area on virgin land and submit the drawing with calculations.
- 27) 27. PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
- 28) 28. PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.
- 29) 29. PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring.
- 30) 30. PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
- 31) 31. PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/shrubs that cause allergies.
- 32) 32. PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell.


**Joy S.Thakur (Secretary
SEAC-III)**

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**


**Page 51
of 134**

Name: K ०१६ ७२११०२०

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

FINAL RECOMMENDATION

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

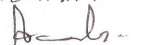
SEAC-AGENDA-00000000149

Joy S. Thakur


Joy S.Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

**Page 52
of 134**

Name: K 072 Anil D.
Signature: 

**Shri. Anil Kale (Chairman
SEAC-III)**

Agenda of 73rd Meeting of SEAC-3 (DAY-2)

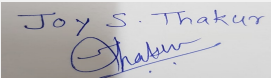
SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for Proposed Construction of 926 housing units with 4 Shops for Economically Weaker Section Group Under Pradhan Mantri Awas Yojana on Sr. No. 96(P), Village Ravet, PCMC, District - Pune

Is a Violation Case: No

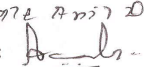
1.Name of Project	Proposal for Environment Clearance of proposed Construction of 926 housing units with 4 Shops for Economically Weaker Section Group Under Pradhan Mantri Awas Yojana on Sr. No. 96(P), Village Ravet, PCMC, District - Pune
2.Type of institution	Semi Government
3.Name of Project Proponent	Pimpri-Chinchwad Municipal Corporation
4.Name of Consultant	Green Circle Inc.
5.Type of project	Affordable Housing project under Pradhan Mantri Awas Yojana for Economical Weaker Section.
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. 96(P), Reservation No.4/102, Village- ravet, District - Pune
9.Taluka	Haveli
10.Village	Ravet
Correspondence Name:	Mr. Pradeep Ramchandra Pujari : Executive engineer, BSUP Department
Room Number:	Engineering Department
Floor:	1st Floor
Building Name:	Pimpri Chinchwad Municipal Corporation, Pimpri, Pune - 411018
Road/Street Name:	Pimpri, pune -411018
Locality:	Pimpri Chinchwad Municipal Corporation, Pimpri, pune - 411018
City:	Pune
11.Area of the project	Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: Applied Approved Built-up Area: 50852.90
13.Note on the initiated work (If applicable)	No Construction work has been started.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applied
15.Total Plot Area (sq. m.)	14,600 Sq. m
16.Deductions	1,460.11 Sq. m
17.Net Plot area	13,139.89 Sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 28,881.70 Sq. m b) Non FSI area (sq. m.): 21,971.20 sq. m c) Total BUA area (sq. m.): 50852.90
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 28,881.70 Sq. m Approved Non FSI area (sq. m.): 21,971.20 sq. m Date of Approval: 07-06-2018
19.Total ground coverage (m2)	3,309.3 Sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.67 %
21.Estimated cost of the project	882500000

22.Number of buildings & its configuration

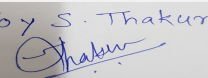

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 53 of 134

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	Tower- A	G + 14	44.15 m	
2	Tower- B	G + 14	44.15 m	
3	Tower- C	G + 14	44.15 m	
4	Tower- D	G + 14	44.15 m	
5	Tower- E	G + 14	44.15 m	
6	Tower- F	G + 14	44.15 m	
7	Shops	G + 0	3 m	
23.Number of tenants and shops		No. of Tenants : 926 Shops :4		
24.Number of expected residents / users		4642 persons		
25.Tenant density per hectare		3179.452		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		Nearest Fire Station: PCMC Fire brigade 16.2 Km away from project site		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.00 m		
29.Existing structure (s) if any		NA. The land is open reservation land for EWS and now building construction will be done as per approved construction area under Pradhan Mantri Awas Yojana.		
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)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 54 of 134

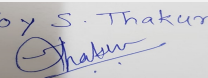
Name: K. Anil Kale

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

Dry season:	Source of water	PCMC
	Fresh water (CMD):	417 KLD
	Recycled water - Flushing (CMD):	209 KLD
	Recycled water - Gardening (CMD):	9 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	635KLD
	Fire fighting - Underground water tank(CMD):	300 KLD
	Fire fighting - Overhead water tank(CMD):	150 KLD
	Excess treated water	233 KLD
Wet season:	Source of water	PCMC
	Fresh water (CMD):	417 KLD
	Recycled water - Flushing (CMD):	209 KLD
	Recycled water - Gardening (CMD):	0 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	626 KLD
	Fire fighting - Underground water tank(CMD):	300 KLD
	Fire fighting - Overhead water tank(CMD):	150 KLD
	Excess treated water	242 KLD
Details of Swimming pool (If any)	Not Applicable	

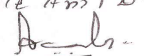
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	417 KLD	417 KLD	Not applicable	83 KLD	83 KLD	Not applicable	500 KLD	500 KLD
Gardening	Not applicable	9 KLD	9 KLD	Not applicable	9 KLD	9 KLD	Not applicable	0 KLD	0 KLD

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 55 of 134

Name: K. Anil Kale

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 15 m	
	Size and no of RWH tank(s) and Quantity:	2.0 x 2.0 x 3.0 m Deep, Rain water harvesting system will be developed in the form of Rain Water recharge Pits. Rain Water will be collected through RWP. Total 6 Recharge pits are proposed in the project. Total 59 % of rain water will be harvested through these recharge pits.	
	Location of the RWH tank(s):	Ground level (UG)	
	Quantity of recharge pits:	6 Nos.	
	Size of recharge pits :	2.0 x 2.0 x 3.0 m Deep	
	Budgetary allocation (Capital cost) :	70.32 Lakhs	
	Budgetary allocation (O & M cost) :	3.51 Lakhs	
	Details of UGT tanks if any :	All UG tanks are proposed at ground level as per requirement of each building. Rain water harvesting system will be developed in the form of Rain Water recharge Pits. Rain Water will be collected through RWP. Total 59 % water will be Harvested. Every tower has separate UG tank. Total Domestic UGT tanks of capacity 664.5 KLD and total flushing UGT tanks of capacity 235KLD	
35.Storm water drainage	Natural water drainage pattern:	North to south	
	Quantity of storm water:	The Minimum Size of Storm Water Channel is 0.45 x 0.6 m deep. Max size of 0.45 x 0.9 m deep & drain connected at two locations of project site.	
	Size of SWD:	450 mm X 600 mm	
Sewage and Waste water	Sewage generation in KLD:	500 KLD	
	STP technology:	RMBR	
	Capacity of STP (CMD):	1 STP of capacity 525 KLD	
	Location & area of the STP:	Ground Level (UG)	
	Budgetary allocation (Capital cost):	113.21 Lakhs	
	Budgetary allocation (O & M cost):	6.6 Lakhs	
36.Solid waste Management			
Waste generation in the Pre Construction and Construction phase:	Waste generation:	4963.95 cum of excavated material	
	Disposal of the construction waste debris:	Construction waste debris will be reused at the same site. Excess will be used for filling purpose of our own development sites as much as possible. Rest will be disposed off to authorized sites. Quantity of 2920 cum top soil to be preserved which is being utilized for landscaping.	
Waste generation in the operation Phase:	Dry waste:	928 Kg /day	
	Wet waste:	1390 Kg /day	
	Hazardous waste:	0 Kg/day	
	Biomedical waste (If applicable):	0 Kg/day	
	STP Sludge (Dry sludge):	68 Kg/day	
	Others if any:	NA	
Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 56 of 134	Shri. Anil Kate (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Dry garbage will be disposed off through authorized contractors.
	Wet waste:	Wet garbage shall be treated in organic waste converter (OWC) on site and manure so obtained will be used in landscaping.
	Hazardous waste:	Waste oil from D.G. sets will be handed over to authorized recyclers.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried sludge from STP to be mixed with wet waste and processed in OWC, this will be used as manure for gardening.
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	70 Sq. m
	Area for machinery:	200 Sq. ft
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	11 Lakhs
	O & M cost:	4.20 Lakhs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.5-8.5	6.0-8.0	6.5-9
2	Suspended Solids	mg/lit	400	10	100
3	BOD	mg/lit	350	<10	100
4	COD	mg/lit	600	<50	250
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	LDO	1	Height of Building + 3 M	0.15	54 degree celcius

40. Details of Fuel to be used

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 57 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Type of Fuel	Existing	Proposed	Total
1	LDO	Not applicable	55 Litres /hr	Not applicable
41.Source of Fuel		Authorized Vendor		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	Total RG area :	1460.11 Sq. m
	No of trees to be cut :	There were 11 trees of above 25 cm girth size and some small trees below 25cm girth size are present on site area. Peripheral trees will be retained and those which come in building line will be transplanted within PCMC area by garden department of PCMC.
	Number of trees to be planted :	147 Trees of 8cm to 12cm size will be planted.
	List of proposed native trees :	Peripheral trees will be retained
	Timeline for completion of plantation :	3 years

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthus Excelsa	Maharukh	10	Good for roadside plantation and have medicinal properties
2	Anthocephallus cadamba	Kadamb	15	Good for roadside plantation and provide shade.
3	Saraca indica	Sita ashok	12	Good for roadside plantation and provide shade.
4	Cassia fistula	Bahava	15	Have medicinal properties and larval host for butterflies.
5	Lagerstroemia flos regineae	Tamhan	15	Good as an avenue tree, good for group planting around water gardens and ponds.
6	Azadirachta indica	Neem	20	Good for restoration of dryer parts, good for air purifier and have medicinal properties.
7	Michelia champaca	Son chafa	12	Good for ornamental purpose.
8	Murraya paniculata	Kunti	10	Good for ornamental purpose.
9	Bauhinia racemosa	Apta	8	Drought resistant, good air purifier and have medicinal properties.
10	Delonix regia	Gulmohar	30	Good for ornamental purpose

45.Total quantity of plants on ground

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

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

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 58 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	170 kW
	DG set as Power back-up during construction phase	1 DG set of 210 kVA
	During Operation phase (Connected load):	7100.56 kW
	During Operation phase (Demand load):	3128.71 kW
	Transformer:	6 No of 630 kVA
	DG set as Power back-up during operation phase:	1 DG of 125 kVA and 1 DG of 250 kVA capacity.
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Energy Saving Measures:

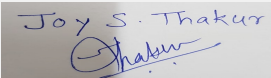
- Road/Landscape area lighting : LED Street Lighting
- Lobby & staircase and Parking area lighting on LED lights/ Solar lights
- Solar Hot Water system to all flats
- T5 lights at parking space.
- Lifts with VFD
- Water Level Controller with Timer for water pumps system to be provided.
- Roofs will be insulated to minimize heat gain with 50 mm expanded polystyrene or equivalent insulation.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Road/Landscape : LED Street Lighting	50%
2	Parking Lights : LED	45%
3	Lobby and Staircase :LED Lights	45%
4	Lifts with VFD and Passage (8 People)	30%
5	Lifts with VFD and Service (13 People)	33%
6	Solar Hot Water system	100%
7	Plumbing/ Fire fighting load	30%
8	Total Energy saving	36.11%

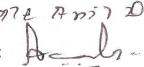
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water pollution due to domestic sewage	Not applicable	STP
Solid waste	Not applicable	OWC


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 59 of 134

Name: K. Anil Kale

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

Air pollution and Noise pollution due to DG set	Not applicable	Stack of required height and acoustic enclosure for noise control
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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	317.19 Lakhs
	O & M cost:	191.93 Lakhs

51.Environmental Management plan Budgetary Allocation

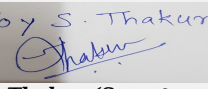
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	water sprinkling	0.7 Lakhs
2	Site Sanitation	Septic tank	1.5 Lakhs
3	Environmental Monitoring	For Air, Water, soil and Noise analysis from MoEF accredited lab	1.3 Lakhs
4	Disinfection at site	Pest control Team appointment	7.2 Lakhs
5	Health Check up of Workers	Doctor appointment	43.2 Lakhs
6	DMP cost	Safety during construction , PPE to workers	1.8 Lakhs

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 Cost	STP installation	113.21 Lakhs	6.6 Lakhs/yr
2	RWH cost	Rain Water Harvesting Tank and Recharge Pits	70.32 Lakhs	3.51 Lakhs/yr
3	Environmental Monitoring	For Air, Water, soil and Noise analysis from MoEF accredited lab	0 Lakhs	55.70 Lakhs/yr
4	Solar Energy	Solar Hot water System for all the flats	317.19 Lakhs	15.85 Lakhs/yr
5	Gardening	Total area of garden is 946.33 Sq.mt.	18 Lakhs	0.9 Lakhs/ yr
6	Solid waste management	OWC machine	11 Lakhs	4.20 Lakhs/yr
7	Energy Saving Measures	Energy saving equipments installed	234.70 Lakhs	191.93 Lakhs/yr
8	DMP cost	Fire sprinklers, extinguisher, camera,security sign etc	158.55 Lakhs	28 Lakhs/yr

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

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 60 of 134

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

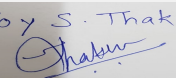
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

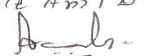
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	24.0 m and 45.0 m wide DP road approaching to the site and Drive way designed for the project is 6.00 mt wide.
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	4279.6 Sq. m
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Two Wheeler - 930 Nos. and Bicycles - 1913 Nos.
	Number of 4-Wheelers as approved by competent authority:	0 nos.
	Public Transport:	Not applicable
	Width of all Internal roads (m):	6.0 m wide internal driveway.
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 61 of 134

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

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed Construction of 926 housing units with 4 Shops for Economically Weaker Section Group Under Pradhan Mantri Awas Yojana on Sr. No. 96(P), Village Ravet, PCMC, District - Pune by Pimpri-Chinchwad Municipal Corporation.

PP submitted their application for prior Environmental clearance for total plot area of 14600 Sq. Mtrs, BUA of 50852.90 Sq. Mtrs and FSI area of 28881.70 Sq. Mtrs and Non FSI area of 21971.20 sq mtrs. PP proposes to construct 6 no. of residential buildings.

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

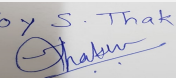
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit cross section of the drive way at 3-4 places.
- 2) PP to submit plan for sewer line connectivity up to final disposal point. Also submit the inverts level of Municipal sewer line.
- 3) PP to submit STP details.
- 4) PP to submit parking layout plan and parking statement.
- 5) PP to submit revised tree list and no tree to be planted below high tension line.
- 6) PP to submit hydrogeological report.
- 7) PP to submit debris management plan
- 8) PP to submit indemnity bond for project land.
- 9) PP to submit cross section of UGT.
- 10) PP to submit High Tension Line NOC.

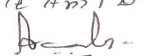
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 62 of 134

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

Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

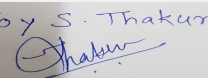
Subject: Environment Clearance for Residential and Commercial Project 'Vertical Oriana'

Is a Violation Case: No

1.Name of Project	Vertical Oriana
2.Type of institution	Green Building
3.Name of Project Proponent	Mr. Parag Kotwal
4.Name of Consultant	KKB Envirocare Consultants Pvt. 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	Yes, EC obtained vide No. SEIAA - EC - 0000000230 dated 22.03.2018.
8.Location of the project	S. No. 7/1A+2A+2B, Keshavnagar, Mundhawa, Pune
9.Taluka	Haveli
10.Village	Mundhawa
Correspondence Name:	Mr. Parag Kotwal
Room Number:	NA
Floor:	1st floor
Building Name:	Ganga Smruti Apartment
Road/Street Name:	Lane No. 3
Locality:	Subhash Nagar, Shukrawar Peth
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number: Yet to be received
	Approved Built-up Area: 0.00
13.Note on the initiated work (If applicable)	As per EC dated 22.03.18
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	18900 sq. m.
16.Deductions	614.30 sq. m.
17.Net Plot area	18285.7 sq. m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 25775.83 sq. m.
	b) Non FSI area (sq. m.): 22788.48 sq. m.
	c) Total BUA area (sq. m.): 48564.31
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 19655.15 sq. m.
	Approved Non FSI area (sq. m.): 21159.33 sq. m.
	Date of Approval: 15-05-2015
19.Total ground coverage (m2)	3955.71 sq. m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.45%
21.Estimated cost of the project	700000000

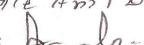
22.Number of buildings & its configuration

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: 73 Meeting Date: October 16, 2018

Page 63 of 134

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

1	Building A (As per previous EC)	2P+S+14	42.90 m
2	Building B (As per previous EC)	2P+S+14	42.90 m
3	Building C (As per previous EC)	2P+S+14	42.90 m
4	Building D (As per previous EC)	2P+S+14	42.90 m
5	Building E (Proposed)	BP+GR+M+6	23.95 m

23.Number of tenants and shops	No. of tenements - 311 (As per previous EC - 272, Proposed - 39) Commercial area - 3044.40 sq. m. (No. of Shops - 10 & Offices - 85) (Proposed)
24.Number of expected residents / users	Residential - 1555 (As per previous EC - 1360, Proposed - 195), Commercial - 1015 (As per previous EC - 120, Proposed - 895)
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))	24 m road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	After getting 1st EC dated 9/9/14, the construction is started for building A and B.
30.Details of the demolition with disposal (If applicable)	NA

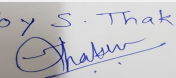
31.Production Details

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

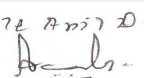
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 64 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	Pune Municipal Corporation								
	Fresh water (CMD):	155.17								
	Recycled water - Flushing (CMD):	100.41								
	Recycled water - Gardening (CMD):	18.74								
	Swimming pool make up (Cum):	3.5								
	Total Water Requirement (CMD) :	255.59								
	Fire fighting - Underground water tank(CMD):	250								
	Fire fighting - Overhead water tank(CMD):	90								
	Excess treated water	110.86								
Wet season:	Source of water	Pune Municipal Corporation								
	Fresh water (CMD):	155.17								
	Recycled water - Flushing (CMD):	100.41								
	Recycled water - Gardening (CMD):	NA								
	Swimming pool make up (Cum):	3.5								
	Total Water Requirement (CMD) :	255.59								
	Fire fighting - Underground water tank(CMD):	250								
	Fire fighting - Overhead water tank(CMD):	90								
	Excess treated water	129.6								
Details of Swimming pool (If any)	Dimensions of swimming pool: 13.68 x 4.52 m Baby Pool - 5.6 di Water required for make up: 3.5 m3 Capacity of swimming pool: 74 m3									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

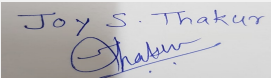
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 65 of 134

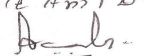
Name: **Kale Anil D.**

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5 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:	10 nos.
	Size of recharge pits :	2 x 1.2 x 1 m
	Budgetary allocation (Capital cost) :	7.0 Lakh
	Budgetary allocation (O & M cost) :	1.0 Lakh/year
	Details of UGT tanks if any :	Domestic UG tank capacity - 750 m3 Treated water storage tank - 1380 m3 Fire storage tank - 250 m3
35.Storm water drainage	Natural water drainage pattern:	As per contour layout
	Quantity of storm water:	12786 KL/year
	Size of SWD:	300 mm
Sewage and Waste water	Sewage generation in KLD:	230.01
	STP technology:	FAB with Filter press and disinfection by ozonation
	Capacity of STP (CMD):	1 no. having capacity of 235 m3
	Location & area of the STP:	Area - 228.0 sq. m. and for location please refer service layout
	Budgetary allocation (Capital cost):	45.50 Lakh
	Budgetary allocation (O & M cost):	13.71 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Debris, Top soil/rock
	Disposal of the construction waste debris:	Used for land filling and landscaping
Waste generation in the operation Phase:	Dry waste:	374 kg/day
	Wet waste:	494 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	16.45 kg/day
	Others if any:	E-waste - 786 kg/year

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 66 of 134

Name: K. Anil Kale

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

Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Mechanical Waste Convertor
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	E - waste - Through authorized recycler
Area requirement:	Location(s):	As per service layout
	Area for the storage of waste & other material:	65 sq. m.
	Area for machinery:	18 sq. m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	24.50 Lakh
	O & M cost:	7.35 Lakh/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

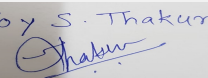
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

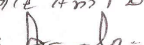
40. Details of Fuel to be used

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 67 of 134

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	3048.84 sq. m.
	No of trees to be cut :	NA
	Number of trees to be planted :	230
	List of proposed native trees :	As per proposed plantation
	Timeline for completion of plantation :	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	Manikara zapota	Chickoo	13	Tropical fruit tree & bird attracting tree
2	Michelia champaca	Champa	13	Evergreen timber plant, ornamental
3	Mimusopes elengi	Bakul	13	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	13	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	13	Drought tolerant, ornamental & medicinal plant
6	Butea monosperma	Flame tree	13	Used in pesticide & dye preparation
7	Cassia grandis	Pink Shower	13	Drought tolerant, ornamental & medicinal plant
8	Saraca indica	Sita ashok	13	Evergreen medicinal plant
9	Roystonea regia	Royal palm	13	Nitrogen fixer, ornamental plant
10	Syzygium cumini	Jambhul	13	Fruit tree & bird attracting
11	Neolamarkia cadamba	Kadamba tree	13	Tropical fruit tree & bird attracting tree
12	Mangifera indica	Mango tree	12	Evergreen & bird attracting tree
13	Pongamia pinnata	Karanj	15	Karanj is an important ayurvedic medicine
14	Pongamia pinnata	Karanj	15	Karanj is an important ayurvedic medicine
15	Phyllanthus officinalis	Awala	15	Evergreen medicinal and fruit plant
16	Ocimum tenuiflorum	Ram tulas	15	Holy basil is an important medicinal
17	Azadirachta Indica	Neem	15	Traditional medicinal 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	NA	NA

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 68 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	45 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	2144 KW
	During Operation phase (Demand load):	1066 KW
	Transformer:	2 nos. x 630 KVA, 1 no. x 315 KVA
	DG set as Power back-up during operation phase:	200 kva x 1No.
	Fuel used:	36.80 lit/hr for 200 KVA and 10 lit/hr for 62.5 KVA
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. T5 lamp & Electronic Ballasts are proposed for parking areas.
2. LED type of light source is proposed for common Lobby, Lounge, and Staircase area.
3. Automatic time based controls are proposed for all outside lighting to save power by avoiding manual switching ON & OFF the lights.
4. Motion Sensors are proposed in Car Parking Areas & Lift lobbies.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Net energy saving by energy conservation measures	11680 kwh/annum (14.60%)

50. Details of pollution control Systems

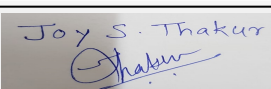
Source	Existing pollution control system	Proposed to be installed
Air	NA	Plantation will be done as per EC requirement
Water	STP has been installed	Excess treated water will be used for flushing and gardening
Noise	Noise monitoring is being done once in six months as per EC requirement	Noise monitoring will be done once in six month. Acoustically enclosed DG set will be braought and will be installed.
Solid waste	OWC has been installed as per proposed requirement	Wet waste will be treated in OWC. STP sludge will be used as manure and dry waste will be disposed through authorized vendor

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	77.75 Lakh
	O & M cost:	0.75 Lakh/year

51. Environmental Management plan Budgetary Allocation

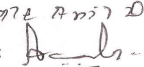
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 69 of 134

Name: K ०१६ ७५११ ०
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

1	Erosion control	Dust suppression measures and barricating	5.0
2	Safety	Site safety	7.0
3	Sanitation	Site sanitation	9.0
4	Health safety	Disinfection and health checkup	1.5
5	Monitoring	Environmental Monitoring	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	Sewage treatment	Sewage treatment plant	45.50 Lacs	13.71 Lacs
2	Rain water management	Rain water harvesting	7.00 Lacs	1.00 lacs
3	Strom water management	Strom water networking	33.50 Lacs	1.00 Lacs
4	Water treatment	Water treatment plant	9.00 Lacs	13.00 Lacs
5	Swimming Pool	Water purification and recirculation system	30.0 Lacs	5.00 Lacs
6	Solid waste Management	Solid waste treatment	24.50 Lacs	7.35 Lacs
7	Landscaping	Green belt development	16.67 Lacs	4.8 Lacs
8	Energy conservation	Energy conservation set up	77.75 Lacs	0.75 Lacs
9	Use of renewable energy	Solar lighting	16.0 Lacs	2.00 Lacs
10	EMP	Environmental Monitoring	NA	2.00 Lacs

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

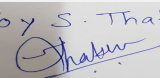
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

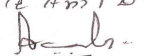
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	NA
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 70 of 134

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

Parking details:	Number and area of basement:	1 no. for commercial
	Number and area of podia:	NA
	Total Parking area:	9735.22 sq. m.
	Area per car:	30 sq. m. for stilt and 35 sq. m. for basement
	Area per car:	30 sq. m. for stilt and 35 sq. m. for basement
	Number of 2-Wheelers as approved by competent authority:	512 Nos.
	Number of 4-Wheelers as approved by competent authority:	400 Nos.
	Public Transport:	Not applicable
	Width of all Internal roads (m):	15 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 /B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 71 of 134	Name: K 072 Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Environment Clearance for Residential and Commercial Project 'Vertical Oriana' S. No. 7/1A+2A+2B, Keshavnagar, Mundhawa, Pune by Vertical Oriana.

PP submitted their application for prior Environmental clearance for total plot area of 18900 Sq. Mtrs, BUA of 48564.31 Sq. Mtrs and FSI area of 25775.83 Sq. Mtrs and Non FSI area of 22788.48 sq mtrs. PP proposes to construct 4 no. of residential & 1 commercial building.

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

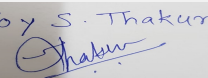
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) PP to plant additional number of fruit bearing trees.
- 2) 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. With details of fund utilization & agreement with executor.
- 3) PP to upload indemnity bond for project land.
- 4) PP to submit drainage NOC.

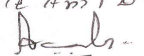
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

**Page 72
of 134**

Name: K. Anil Kale

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

Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for EIA for Proposed Expansion of IT Buildings

Is a Violation Case: No

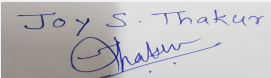
1.Name of Project	SP Infocity by The Manjri Stud Farm Pvt. Ltd. at Phursungi , Pune
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajendra Gadekar ,Assistant General Manager
4.Name of Consultant	Building Environment India Pvt. Ltd.
5.Type of project	Others- Proposed Expansion of IT Buildings
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	Yes , 1) EC Letter No. 21-104/2007-IA.III GOI. MoEF (I.A. Division) New Delhi dt. 22/08/2007, 2) EC Letter No. SEAC-2011/CR-86/TC-II, Env. Dept, GoM, Mumbai, dt. 04/09/2014, 3) SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 3,2017 SEIAA-EC-0000000075
8.Location of the project	S.No.209/1a/2,209/3,209/4a,209/9,210/1a/2,210/1c,210/1d/1,210/3,210/4,211/1a/1,212(P) at Phursungi
9.Taluka	Haveli
10.Village	Phursungi
Correspondence Name:	Mr. Rajendra Gadekar ,Assistant General Manager
Room Number:	S. No. 209 & Others
Floor:	Next to Satyapuram Society
Building Name:	SP Infocity
Road/Street Name:	Pune Saswad Road
Locality:	Phursungi
City:	Pune
11.Area of the project	Pune Meteropolitan Region Developement Authority
12.IOD/IOA/Concession/Plan Approval Number	Commencement Certificate received from PMRDA DP/BHA/Mouze Phursungi/S.No. 209/3 & Other / C.R. No. 944/17 -18 Dated 07.06.2018 IOD/IOA/Concession/Plan Approval Number: Ref. No.: DP/BHA/Mou. Phursungi/S.No.209/3 & others/Case No. 944/17-18 dated 07.06.2018 Approved Built-up Area: 429516.54
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	3,19,900 Sq.M.
16.Deductions	12,787.36 Sq.M.
17.Net Plot area	3,07,112.64 Sq.M.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Existing - 198065.32, Proposed -231451.22, Total - 429516.54 Sq.M. b) Non FSI area (sq. m.): Existing - 95913.45, Proposed -192395.58, Total - 288309.03 Sq.M. c) Total BUA area (sq. m.): 717825.57
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 429516.54 Approved Non FSI area (sq. m.): NA Date of Approval: 07-06-2018
19.Total ground coverage (m2)	Existing - 68256.37, Proposed -38834.39, Total - 107090.76 Sq.M.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Existing - 22.22, Proposed -12.65, Total - 34.87
21.Estimated cost of the project	10597090464

22.Number of buildings & its configuration

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 73 of 134	Name: K ०१६ ७२११ २० Signature: Anil Kale Shri. Anil Kale (Chairman SEAC-III)
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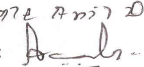
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	PRIOR TO 2006	NA	NA
2	IT Bldg 1	LG+G+1	11.27 M
3	IT Bldg 2	LG+UG+3	18.55 M
4	IT Bldg 3	LG+UG+3	18.55 M
5	Resi A1	G + 4	15 M
6	Resi A2	G + 4	15 M
7	Resi A3	G + 4	15 M
8	Resi A4	G + 4	15 M
9	Multipurpose Hall	G	3.60 M
10	EXISTING BLDGS- EC 2007 & 2014	NA	NA
11	IT Bldg 4 Wing A	LP+G+3	19.60 M
12	IT Bldg 4 Wing B	LP+G+3	23.60 M
13	IT Bldg 4 Wing C	LP+G+3	19.60 M
14	IT Bldg 5 Wing A	P + 6	27.60 M
15	IT Bldg 5 Wing B	B+ P + 6	27.60 M
16	IT Bldg 5 Wing C	B + P + 6	27.60 M
17	Resi B2	P + 12	37.50 M
18	Resi B3	P + 12	37.50 M
19	Resi B4	P + 12	37.50 M
20	RESIDENTIAL BLDGS -EC 2017	NA	NA
21	Resi B1	3 P + 14	52.40 M
22	PROPOSED BLDGS	NA	NA
23	IT Bldg 8 Wing A & B	B+LG+G+1P+11	54.70 M
24	IT Bldg 9 Wing A	B+LG+G+1P+11	59.95 M
25	IT Bldg 9 Wing B	B+LG+G+4P+10	56.80 M
26	IT Bldg 10 Wing A	LG+G+4P+9	56.80 M
27	IT Bldg 10 Wing B	LG+G+4P+9	52.60 M
28	Utility Block	B + G	6.10 M
29	Institute of TL&DC in Amenity	LG+G+2	14.60 M
30	Club House in Amenity	G+1	8.70 M
31	Club House in Open Space (plot 2)	G+1	7.80 M
32	Community Hall in Open Space	G+1	7.80 M
33	Club House in Open Space (Plot 1)	G+1	7.80 M

23.Number of tenants and shops	Existing- 305 flats, 44 Offices, Proposed - 226 Offices, Total- 305 flats, 270 Offices
24.Number of expected residents / users	Existing- 18064, Proposed - 25282, Total- 43346
25.Tenant density per hectare	NA
26.Height of the building(s)	


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 74 of 134

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

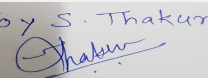
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9 m
29.Existing structure (s) if any	Not Applicable
30.Details of the demolition with disposal (If applicable)	Not Applicable

31.Production Details

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

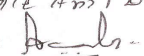
32.Total Water Requirement

Dry season:	Source of water	CGWB/Tanker/Irrigation
	Fresh water (CMD):	Existing- 489, Proposed - 632, Total -1121
	Recycled water - Flushing (CMD):	Existing - 445, Proposed - 506, Total - 951
	Recycled water - Gardening (CMD):	Existing - 169, Proposed - 94, Total - 263
	Swimming pool make up (Cum):	Existing - 10, Proposed - 0, Total - 10
	Total Water Requirement (CMD) :	Existing-1104 Proposed- 1232, Total-2336
	Fire fighting - Underground water tank(CMD):	Existing-100 Proposed- 170, Total-270
	Fire fighting - Overhead water tank(CMD):	Existing----- Proposed- 10, Total - 10
	Excess treated water	Existing-48 Proposed- 0, Total-48

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 16, 2018

Page 75
 of 134

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

Wet season:	Source of water	CGWB/Tanker/Irrigation
	Fresh water (CMD):	Existing-489 Proposed- 632, Total-1121
	Recycled water - Flushing (CMD):	Existing-445 Proposed- 506, Total-951
	Recycled water - Gardening (CMD):	Existing-0 Proposed- 0, Total-0
	Swimming pool make up (Cum):	Existing-10 Proposed- 0, Total-10
	Total Water Requirement (CMD) :	Existing-1104 Proposed- 1138, Total-2336
	Fire fighting - Underground water tank(CMD):	Existing-100 Proposed- 170, Total-270
	Fire fighting - Overhead water tank(CMD):	Existing----- Proposed- 10, Total - 10
	Excess treated water	Existing-217,Proposed- 0, Total-217 (All excess tr

Details of Swimming pool (If any)

NA

33.Details of Total water consumed

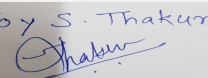
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

34.Rain Water Harvesting (RWH)

Level of the Ground water table:	Existing- 15 meter BGL, Proposed - 15 meter BGL
Size and no of RWH tank(s) and Quantity:	NA
Location of the RWH tank(s):	NA
Quantity of recharge pits:	Existing- 07, Proposed - 25, Total - 32 nos.
Size of recharge pits :	2.5 Mt. x 2.5 Mt. x 3.0 Mt. Depth
Budgetary allocation (Capital cost) :	55 Lacs
Budgetary allocation (O & M cost) :	4.40 Lacs
Details of UGT tanks if any :	2 nos UGT Near Open Space 2

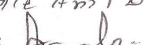
35.Storm water drainage

Natural water drainage pattern:	From South to North
Quantity of storm water:	15.90 m3/min
Size of SWD:	300 mm

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 76 of 134

Name: K. Anil Kale

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

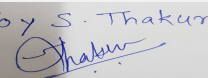
Sewage and Waste water	Sewage generation in KLD:	Existing- 983, Proposed -1011, Total - 1994
	STP technology:	Existing- MBBR, Proposed - MBR
	Capacity of STP (CMD):	Existing- 2 nos. STP of Capacity 600 KLD and 225 KLD, Proposed- 3 nos. STP of Capacity 1100 KLD and 110 KLD and 300 KLD, Total - 5 nos. STP of Capacity 600 K
	Location & area of the STP:	Plot 2 & 378 Sq.M.
	Budgetary allocation (Capital cost):	298.67 Lacs
	Budgetary allocation (O & M cost):	25.18 Lacs

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Top Soil and debris
	Disposal of the construction waste debris:	Use for Landscaping and Leveling within Plot
Waste generation in the operation Phase:	Dry waste:	Existing-1514 Proposed- 3792, Total- 5306 kg/day
	Wet waste:	Existing-1009 Proposed- 2528, Total-3537 kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Existing-105 Proposed- 121, Total-226 kg/day
	Others if any:	E-Waste
Mode of Disposal of waste:	Dry waste:	Collected by Local Body
	Wet waste:	Treated in Organic Waste Converter
	Hazardous waste:	Spent Oil- Authorized Reprocessor
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Use for Landscape as manure
	Others if any:	E-Waste sold to Authorized Reprocessor
Area requirement:	Location(s):	Near Open Space 2
	Area for the storage of waste & other material:	Existing- 25 Proposed- 28 , Total- 53 SqM
	Area for machinery:	Existing- 50 Proposed- 159, Total-209 SqM
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Existing- 10 Proposed- 35.25, Total- 45.25Lacs
	O & M cost:	Existing- 4.38 Proposed- 10, Total- 14.38 Lacs

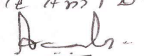
37.Effluent Charecterestics

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			

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 77 of 134

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

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

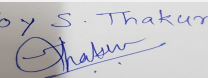
Not applicable

43.Green Belt Development

Total RG area :	45491.99 Sq.M.
No of trees to be cut :	Existing- 0 Proposed- 5 , Total-5
Number of trees to be planted :	Existing- 1259 Proposed- 2581 , Total-3840
List of proposed native trees :	Kanchan, Pangara, Indian Almond,Indian Cork Tree,Flame of Forest,Mango, Bakul, Soan Chafa,Fish tail Palm, bahava, Cadamba,Guava, Lucky Bean Tree,Champ
Timeline for completion of plantation :	2 Years

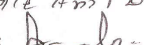
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Bauhinea Purpurea	kanchan	272	Ornamental ,Avenue Tree, Soil Erosion
2	Erythrina Indica	Pangara	102	Ornamental, Soil Improver
3	Terminalia Catappa	Indian Almond	294	Prevent Soil Erosion, Shade & Ornamental
4	Millingtonea Hortensis	Indian Cork Tree	204	Indian Cork Tree
5	Butea Monosperma	Flame of Forest	154	Prevent Soil erosion, Ornamental
6	Mangifera Indica	Mango	90	Fruit,Shady Tree

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 16, 2018

Page 78
 of 134

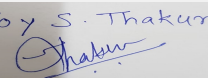
Name: K. Anil Kale

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

7	Mimusops Elengii	Bakul	160	Deep Shade, Ornamental, Yellowish
8	Michelia Champaka	Soan Chafa	264	Ornamental, Road side, soil improved
9	Caryota Urens	Fishtail Palm	30	Attractive
10	Cassia Fistula	Bhava	264	Extremely Showy, Flowering
11	Anthocephalus Cadamba	Kadamba	207	Avenues roadside for shade, soil imp
12	Psidium Guajava	Guava	47	Edible Fruit
13	Putrangiva Roxburghii	Lucky Bean Tree	74	Ornamental Shady Tree
14	Plumeria Alba	Champa White	25	Ornamental
15	Populus Termuloides	Poplar	141	Windbreak, Shade, Erosion Control
16	Cassia Javanica	Pink Cassia	190	Ornamental Roadside Tree
17	Brassia Actinophylla	Umbrella Tree	30	Windbreak, Shade, Erosion Control
18	Azadirachta Indica	Neem	33	Roadside For Shad, Windbreak, Pur

45.Total quantity of plants on ground

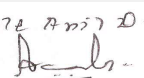
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Lantana White	300	-
2	Lantana Red	300	-
3	Lantana Blue	300	-
4	Lantana Yellow	300	-
5	Abelia Variegated	300	-
6	Wedelia Trilobata	300	-
7	Ixora Chinese Orange	450	-
8	Cuphea	300	-
9	Galphimea	450	-
10	Hamelia Patens Dwarf	300	-
11	Allamanda Yellow Dwarf	300	-
12	Canna Red Dwarf	300	-
13	Eranthemum Flowering	450	-
14	Oleander Dwarf Single red	450	-
15	Balsam	300	-
16	Verbena Lilac Pink	300	-
17	Verbena Lilac Purple	300	-
18	Verbena Lilac White	300	-
19	Ophiopogon Variegated	300	-
20	Rhoeo	300	-
21	Ixora Red Hybrid	450	-
22	Plumbago Blue	450	-
23	Hibiscus White La France	450	-
24	Agloenoema	450	-
25	Allamanda Purple	450	-

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 79 of 134

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

26	Acalypha Wilkesiana Rosea	450	-
27	Alpinia Speciosa	450	-
28	Calliandra Dwarf	450	-
29	Tagar Variegated	450	-
30	Pentas Red	450	-
31	Myana Erecta Dwarf 450	450	-
32	Schefflera Variegated	450	-
33	Bamboo Grass	450	-
34	Pampas Grass	450	-

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	192 kW
	DG set as Power back-up during construction phase	3 x 125 kVA
	During Operation phase (Connected load):	33661 kW
	During Operation phase (Demand load):	Existing- 25694.47 kVA, Proposed - 22441 kW, Total - 42997 kW
	Transformer:	Existing- 2000 kVA , 4 x 1500 kVA, 2 x 1600 kVA, 1 x 2000 kVA, 1x2100 kVA, 3 x 1000 kVA, 2 x 2500kVA, 2x3000kVA, 2x 500 kVA, 5.Nos x 2 MVA , 6.Nos x 1.6 MVA , 4
	DG set as Power back-up during operation phase:	Existing- 5 x 1000 kVA & 9 x 1010 kVA & 2 x 500 kVA, 1 x 275 kVA & 1 x 200 kVA, 7x 1500 kVA, Proposed -16 x 2000 kVA, Total - 41 Nos. viii) Fuel Used HSD ix) Det
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Use of Energy Efficient Lighting and Use of Energy generated from Solar PV system for common areas.

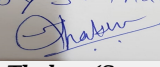
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of Energy Efficient and Solar PV system	40%

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:	NA
	O & M cost:	NA

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 80 of 134

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Construction Phase	Personnel Protective Equipment	15.0
2	Construction Phase	Site Sanitation Facility	4.50
3	Construction Phase	Drinking water facility	5.00
4	Construction Phase	Solid waste management	6.50
5	Construction Phase	Safety railing, platform, ladder, hoist, Cranes etc	15.0
6	Construction Phase	House keeping	3.00
7	Construction Phase	Health Check up	3.00
8	Construction Phase	Environmental Monitoring	3.00
9	Construction Phase	Total	55.0

b) Operation Phase (with Break-up):

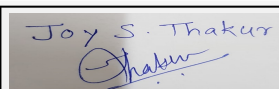
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Two	298.67	25.18
2	RWH	Recharge Pit with Recharge Bore	55	4.4
3	MSW	Organic Waste Convertor	35.25	10.0
4	Landscape	Plantation of Trees & other parts of garden areas	550	3.0
5	Energy Saving	Installation of Energy efficient fittings & Solar based Products	115	3.45
6	Environmental Monitoring	-	-	3.0
7	Total	-	1053.92	49.03

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

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

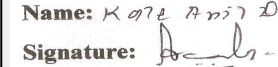
52.Any Other Information

No Information Available


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

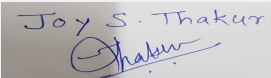
Page 81 of 134

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

53. Traffic Management

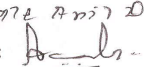
	Nos. of the junction to the main road & design of confluence:	No
Parking details:	Number and area of basement:	1 No. of Basement in Existing Bldg 5 Wing B & C And Proposed Bldg 8 Wing A & B & Bldg 9 Wing A • Existing Basement Area -11827 Sqm, • Proposed Basemen
	Number and area of podia:	1 Podium in existing Bldgs 4, 5, Res Bldgs B1, B2, B3 & B4 with total Area of Existing Podium = 26684.96 Sqm
	Total Parking area:	• Existing-79417.96 Sqm, • Proposed- 155688.33 Sqm , • Total- 235106.29 Sqm
	Area per car:	Existing-30 Proposed- 27 , Total- 28
	Area per car:	Existing-30 Proposed- 27 , Total- 28
	Number of 2-Wheelers as approved by competent authority:	Existing-4737 Proposed-7543 , Total- 12280
	Number of 4-Wheelers as approved by competent authority:	Existing- 1666 Proposed- 4003 , Total- 5669
	Public Transport:	NA
	Width of all Internal roads (m):	Min. 9 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B
	Court cases pending if any	NA
	Other Relevant Informations	Project has received 1st EC in 2007 having F.S.I = 1,31,556.41 m2 . Also obtained EC in 2014 for Built-Up area = 1,05,565.23 m2 . Project Proponent has constructed Built up area = 72578.73 m2 prior to 2006 and same was communicated in EIA Report submitted to SEAC-III but which was not considered in EC Letter obtained in 2014. EC of 2014 was Amended in 2017 for Built-Up area = 91,987.23 m2. Total EC obtained for area = 1,31,556.41 m2+ 91,987.23 m2 = 2,23,543.64 m2
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 82 of 134

Name: K ०१६ ७५११ २०
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for EIA for Proposed Expansion of IT Buildings at S.No.209/1a/2,209/3,209/4a,209/9,210/1a/2,210/1c,210/1d/1,210/3,210/4,211/1a/1,212(P) at Phursungi SP Infocity by The Manjri Stud Farm Pvt. Ltd. at Phursungi

DECISION OF SEAC

PP submitted their application for prior Environmental clearance for total plot area of 319900 Sq. Mtrs, BUA of 717825.57 Sq. Mtrs and FSI area of 429516.54 Sq. Mtrs and Non FSI area of 288309.03 sq mtrs.

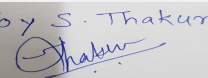
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8 (a) B1.

Specific Conditions by SEAC:

- 1) PP to submit CFO NOC for food court.
- 2) 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. With details of fund utilization & agreement with executor.
- 3) PP to submit drainage NOC.
- 4) PP to submit E-waste quantity & agreement for disposal.

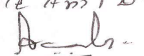
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
16, 2018

Page 83
of 134

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

Agenda of 73rd Meeting of SEAC-3 (DAY-2)

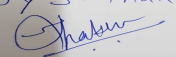
SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for Proposed residential & commercial project at Plot No.3/3/A Phase 3 Rajiv Gandhi Infotech Park Hinjewadi, Pune by Hubtown Ltd.

Is a Violation Case: No

1.Name of Project	residential & commercial project
2.Type of institution	Private
3.Name of Project Proponent	Hubtown Ltd
4.Name of Consultant	Vke environmental
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	at Plot No.3/3/A Phase 3 Rajiv Gandhi Infotech Park Hinjewadi, Pune
9.Taluka	Mulshi
10.Village	Hinjewadi
Correspondence Name:	Mr. Sudhir Kulkarni
Room Number:	816, Sacred World,South Block, Wanowrie,, Pune, Maharashtra 411040
Floor:	816, Sacred World,South Block, Wanowrie,, Pune, Maharashtra 411040
Building Name:	816, Sacred World,South Block, Wanowrie,, Pune, Maharashtra 411040
Road/Street Name:	816, Sacred World,South Block, Wanowrie,, Pune, Maharashtra 411040
Locality:	Wanowrie
City:	Pune
11.Area of the project	MIDC Hinjewadi
12.IOD/IOA/Concession/Plan Approval Number	under process IOD/IOA/Concession/Plan Approval Number: under process Approved Built-up Area:
13.Note on the initiated work (If applicable)	No Construction work has been initiated on site.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	9800
16.Deductions	0
17.Net Plot area	9800
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 19575.24 m2 b) Non FSI area (sq. m.): 14086.61 m2 c) Total BUA area (sq. m.): 33662
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval: 01-08-2018
19.Total ground coverage (m2)	3286.73 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	33 % of net plot area
21.Estimated cost of the project	1000000000

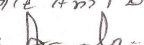
22.Number of buildings & its configuration

Joy S. Thakur


Joy S.Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

Page 84
of 134

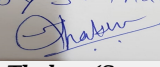
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Signature: 

Shri. Anil Kale (Chairman
SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Residential Building 1	P +21	68.30 m	
2	Residential Building 2	P +21	68.30 m	
3	Commercial Building	G+2	11.55 m	
23.Number of tenants and shops	No. of tenements : 336 No.of shops: 16			
24.Number of expected residents / users	Residential: 1680 , Commercial: 124			
25.Tenant density per hectare	343 Tenements/hectare 1714 Tenants/hectare			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	20 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 structures exists on site			
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				

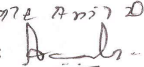
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 85 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	MIDC Hinjewadi								
	Fresh water (CMD):	154								
	Recycled water - Flushing (CMD):	79								
	Recycled water - Gardening (CMD):	9								
	Swimming pool make up (Cum):	2								
	Total Water Requirement (CMD) :	244								
	Fire fighting - Underground water tank(CMD):	200								
	Fire fighting - Overhead water tank(CMD):	10,000 lit								
	Excess treated water	101								
Wet season:	Source of water	MIDC Hinjewadi								
	Fresh water (CMD):	154								
	Recycled water - Flushing (CMD):	79								
	Recycled water - Gardening (CMD):	Nil								
	Swimming pool make up (Cum):	1								
	Total Water Requirement (CMD) :	234								
	Fire fighting - Underground water tank(CMD):	200								
	Fire fighting - Overhead water tank(CMD):	10,000 lit								
	Excess treated water	110								
Details of Swimming pool (If any)	2 kld water will be required for makeup. a) PH-7.0 to 7.6 b)Chlorine Content -0.8 to 1.0 ppm Residual Chlorine in pool c) Disinfection Treatment - With Ozone									
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	0	0	Not applicable	0	0	Not applicable	0	0	
Gardening	Not applicable	0	0	Not applicable	0	0	Not applicable	0	0	

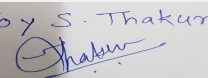
Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 16, 2018

Page 86
 of 134

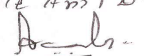
Name: K. Anil Kale

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

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon : 6.15 m below ground level. Post Monsoon : 3.15 m below ground level.
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	4
	Size of recharge pits :	2 m x 2m x 2 m
	Budgetary allocation (Capital cost) :	23,00,000/-
	Budgetary allocation (O & M cost) :	2,64,000/-
	Details of UGT tanks if any :	Total UGT capacity including domestic, Raw water, Flushing & fire tank is 518 kld
35. Storm water drainage	Natural water drainage pattern:	he 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:	7.7 m ³ /min
	Size of SWD:	300
Sewage and Waste water	Sewage generation in KLD:	210
	STP technology:	MBBR
	Capacity of STP (CMD):	225 kld
	Location & area of the STP:	On ground
	Budgetary allocation (Capital cost):	61,70,000/-
	Budgetary allocation (O & M cost):	10,11,412/-
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	From labours: 20 kg/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:	355
	Wet waste:	516
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	24.6 kg/day
	Others if any:	E - waste: 2.6 kg/day

Joy S. Thakur

 Joy S. Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 16, 2018

Page 87
 of 134

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

Mode of Disposal of waste:	Dry waste:	will be handed over to SWaCH.
	Wet waste:	will be treated in Organic Waste Converter (OWC).
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	E waste: Through authorized vendor
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	Total OWC area: 47 sqm
	Area for machinery:	Total OWC area: 47 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	16,75,000 /-
	O & M cost:	4,06,876 /-

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	6.5 to 8.5	7.0 to 8.0	Not applicable
2	BOD	mg/l	250-350	<10	Not exceed 10 mg/l
3	COD	mg/l	250-400	<30	Not exceed 100 mg/l
4	SS	mg/l	600-750	100	Not exceed 50 mg/l
5	Faecal coliform	MPN/100	1000000 - 10000000	Below identification	Not applicable
6	E Coli	MPN/100	25-30	Nil	Not applicable
7	Oil & Grease	mg/l	10-30	<5	Not applicable
8	Nitrogen	mg/l	20-50	<5	Not applicable
9	Phosphate	mg/l	10-50	<5	Not applicable
10	Total Dissolve solids	mg/l	1000-1100	<1000	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

 Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 88 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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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 :	980 sqm
	No of trees to be cut :	NA
	Number of trees to be planted :	133
	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	Bahuhinia variegata	Kanchan	31	Flowering shed tree
2	Mimusops elengi	Bakul	25	Fragrant flowering & shed tree
3	Lagerstroemia flos reginae	Tamhan	5	official state flower
4	Michella champaca	Son chafa	21	Fragrant flowering plant
5	Emblica officinalis	Awala	03	Fruit bearing tree that attracts birds
6	Cassia fistula	Amaltas	21	Brilliant seasonal flowering
7	Caryota urens	Fish tail palm	17	Low leaf fall
8	Aegle marmelos	Belpatra	02	Medicinal and religious plant
9	Morus alba	Mulberry	03	Fruit bearing tree that attracts birds
10	Psidium guajava	Guava	03	Fruit bearing tree that attracts birds
11	Syzigium cumini	Jamun	02	Fruit bearing tree that attracts birds

45.Total quantity of plants on ground

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

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

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 89 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	56.25 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	1972.30 KW
	During Operation phase (Demand load):	999.81 KW
	Transformer:	630 KVA X 2
	DG set as Power back-up during operation phase:	380 KVA X 1
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

- Timers and contactors will be used to switch on / off common are & external landscape and facade lighting.
 2. Light Emitting Diode (LED) will be used for corridors Lobbies and common areas.
 3. All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro-magnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also improves life of the fluorescent lamps.
 4. Energy efficient CFL/

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar water heater	25 lit/flat/day
2	Solar PV	11.50 KW

50. Details of pollution control Systems

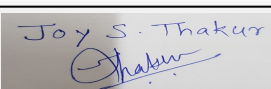
Source	Existing pollution control system	Proposed to be installed
Water	Not applicable	STP
Organic waste	Not applicable	OWC
Noise due to DG set	Not applicable	Acoustic enclosure and canopy

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	16,00,000/-
	O & M cost:	67,000 /-

51. Environmental Management plan Budgetary Allocation

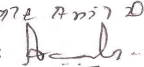
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
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Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 90 of 134

Name: K. Anil Kale

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

1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	8,14,158.75/-
2	Land	Labour Camp toilets & sanitation	4,80,000/-
3	Health & Safety	Labour Safety Equipments and training	4,00,000/-
4	Environment	Environmental Monitoring	1,85,600/-
5	Health & Safety	Disinfection and Health Check-ups	51,000/-

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 STP	61,70,000/-	10,11,412/-
2	Solid waste management	Pits and piping	16,75,000 /-	4,06,876/-
3	Landscaping	Internal piping and piping up to final disposal	17,00,000/-	2,40,000/-
4	Rain water harvesting	Organic waste converter	2,67,120/-	20,000/-
5	Environmental Monitoring	tree plantation	-	1,82,500/-
6	Renewable energy	PV cell and LED and timer for motors	16,00,000/-	67,000/-

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

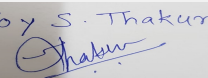
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

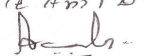
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Proposed site is located at Hinjewadi. The road network within the site has been designed to cater to the traffic loads of the project.Internal driveways are 6 m wide. Existing access road is 20 m wide.
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 91 of 134

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

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	6573.30 m2
	Area per car:	18.8 sqm
	Area per car:	18.8 sqm
	Number of 2-Wheelers as approved by competent authority:	80
	Number of 4-Wheelers as approved by competent authority:	350
	Public Transport:	NA
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Building & construction project
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

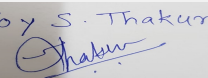
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorisred in brief information of Project as below.

Brief information of the project by SEAC

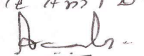
Environment Clearance for Proposed residential & commercial project at Plot No.3/3/A Phase 3 Rajiv Gandhi Infotech Park Hinjewadi, Pune by Hubtown Ltd.

PP submitted their application for prior Environmental clearance for total plot area of 9800 Sq. Mtrs, BUA of 33662 Sq. Mtrs and FSI area of 19575.24 Sq. Mtrs and Non FSI area of 14086.61 sq mtrs. PP proposes to construct 2 no. of residential buildings, 1 commercial building.

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 92 of 134

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

DECISION OF SEAC


PP remains absent, hence committee decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Kindly find SEIAA decision above.

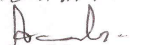
SEAC-AGENDA-00000000149

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

**Page 93
of 134**

Name: K. Anil Kale
Signature: 

**Shri. Anil Kale (Chairman
SEAC-III)**

Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

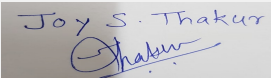
Subject: Environment Clearance for proposed construction project by M/s Tejraj Realtors LLP

Is a Violation Case: No

1.Name of Project	Residential & Commercial Project
2.Type of institution	Private
3.Name of Project Proponent	Mr. Tejraj Ganpatrao Patil
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 72/4,73,74 + 75/2/1,
9.Taluka	Haveli
10.Village	Baner
Correspondence Name:	Mrs. Meera Ganpatrao Patil
Room Number:	301
Floor:	3rd floor
Building Name:	Bonita Building
Road/Street Name:	V.Deshmukha Path ,Ghole Road
Locality:	Shivajinagar
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In Process
	IOD/IOA/Concession/Plan Approval Number: CC/0760/16
	Approved Built-up Area: 8499
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	11389.13m ²
16.Deductions	2106.48m ²
17.Net Plot area	9282.65m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 26684.09 m ²
	b) Non FSI area (sq. m.): 20538.42 m ²
	c) Total BUA area (sq. m.): 47222.51
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 5537.10
	Approved Non FSI area (sq. m.): 2961.90
	Date of Approval: 27-06-2016
19.Total ground coverage (m ²)	1434.43m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12.59% of Total plot area (11389.13m ²) & 15.45% of Net plot area (9282.65m ²)
21.Estimated cost of the project	1624200000

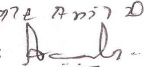
22.Number of buildings & its configuration

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

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

Page 94
of 134

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

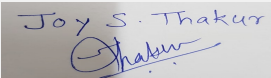
1	Wing- A	B+P+17	52.10	
2	Wing- B	B+P+17	52.10	
3	Commercial Wing	2B+LG+G+UG+11	46.40	
23.Number of tenants and shops	Total Tenements - 136 Nos. Shops- 20Nos, Offices- 45 Nos, Restaurant- 1 No.			
24.Number of expected residents / users	Residential Users: 680 Nos, Commercial Users: 1232 Nos. Total Users: 1912 Nos			
25.Tenant density per hectare	119.41			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	24M wide DP 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	One Existing Sample Flat & 2 existing tin sheds on site			
30.Details of the demolition with disposal (If applicable)	i) Existing sample flat will be demolished & debris will be used for landfilling, ii) Existing tin sheds will be demolished & debris will be given to kabadiwala.			
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: 73 Meeting Date: October 16, 2018	Page 95 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PMC
	Fresh water (CMD):	165.91 m3/day (One time)
	Recycled water - Flushing (CMD):	55.24 m3/day
	Recycled water - Gardening (CMD):	13.15m3/day
	Swimming pool make up (Cum):	1.02 m3/day
	Total Water Requirement (CMD) :	97.52 m3/day
	Fire fighting - Underground water tank(CMD):	150.00 m3
	Fire fighting - Overhead water tank(CMD):	60 m3
	Excess treated water	69.08 m3/day
Wet season:	Source of water	PMC
	Fresh water (CMD):	152.76 m3/day (One time)
	Recycled water - Flushing (CMD):	55.24 m3/day
	Recycled water - Gardening (CMD):	0.00 m3/day
	Swimming pool make up (Cum):	1.02 m3/day
	Total Water Requirement (CMD) :	97.52 m3/day
	Fire fighting - Underground water tank(CMD):	150.00 m3
	Fire fighting - Overhead water tank(CMD):	60 m3
	Excess treated water	82.23 m3/day
Details of Swimming pool (If any)	Dimension of Swimming Pool: 6.58m x 12.80m x 1.22m Total water Requirement in KLD: 1,02,942 Lit Water requirement in KLD: 1.02 m3/day Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored: Budgetary allocation (Capital cost and O & M cost): Capital Cost : Rs 20.58 Lakh O & M Cost : Rs.1.20 Lakh/Year	

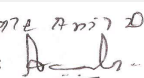
33.Details of Total water consumed

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


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 96 of 134

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-Monsoon: 08.50 meter BGL Post Monsoon: 3.50 meter BGL
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	04 Nos
	Size of recharge pits :	2x2x2 meter
	Budgetary allocation (Capital cost) :	Rs 1.87 Lakh
	Budgetary allocation (O & M cost) :	Rs.0.20 Lakh/Year
Details of UGT tanks if any :	Residential: Domestic UG tank Capacity: 100.00 m3 Fire UG tank Capacity: 150.00 m3 Commercial: Domestic UG tank capacity: 50.00 m3	
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	8.42 m3/ min
	Size of SWD:	200-300 mm
Sewage and Waste water	Sewage generation in KLD:	Residential: 87.58 m3/day & Commercial: 49.89 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	100 m3/day (For Residential), 50 m3/day (For Commercial)
	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	Rs. 16.00 Lakh (For 100 KLD), Rs. 12.00 Lakh (For 50 KLD)
	Budgetary allocation (O & M cost):	Rs. 6.76 Lakh/Year (For 100 KLD), Rs. 5.46 Lakh/Year (For 50 KLD)
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	50 Kg/day
	Disposal of the construction waste debris:	Use for Levelling
Waste generation in the operation Phase:	Dry waste:	321kg/day
	Wet waste:	327 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	12.37kg/day
	Others if any:	E-Waste-4.30 Kg/day
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 97 of 134
		Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	SWaCH
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure after treatment in OWC
	Others if any:	Send to authorized vendor
Area requirement:	Location(s):	-
	Area for the storage of waste & other material:	36.00 m ²
	Area for machinery:	Included in other area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.12.75 Lakh
	O & M cost:	Rs.2.88 Lakh/year

37. Effluent Characteristics

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

38. Hazardous Waste Details

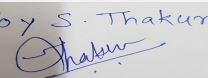
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	DG set- 160 KVA- 1 No.	HSD	S-1	4.22	To be provided	To be provided
2	DG set- 45 KVA- 1 No.	HSD	S-2	3.75	To be provided	To be provided

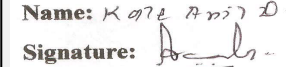
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	36.4 lit./hr @ 75% Loading	36.4 lit./hr @ 75% Loading

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 98 of 134

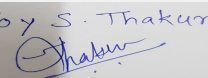
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

41.Source of Fuel	Bharat Petroleum Corporation Limited/ Hindustan Petroleum
42.Mode of Transportation of fuel to site	By Roadway

43.Green Belt Development	Total RG area :	1092.08m2
	No of trees to be cut :	02 Nos.
	Number of trees to be planted :	143 Nos.
	List of proposed native trees :	143 Nos.
	Timeline for completion of plantation :	Mid of Construction

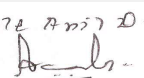
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	6	Shady tree, yellowish green fragrant flowers
2	Azadirachta indica	Neem	7	Evergreen tree, fast growing
3	Saraca asoka	Site Ashok	4	Shady tree with red-yellow flowers.
4	Anthocephallus cadamba	Kadamb	6	Shady, large tree, ball shaped flowers.
5	Lagerstroemia flos-regineae	Tamhan	5	State flower tree of Maharashtra. Medium sized tree, beautiful purple flowers
6	Murraya paniculata	Kunti	4	Small tree, Fragrant white flowers, Butterfly host plant
7	Manilkara zapota	Chiku	8	Medium size , fruit bearing tree
8	Mangifera indica	Mango	10	Tall, fruit bearing tree
9	Syzygium cumini	Jambhul	10	Dense ornamental, fruit bearing tree
10	Psidium guajava	Peru	10	Medium size , fruit bearing tree
11	Ficus retusa	Nandruk	5	Medium sized evergreen tree, Shady tree.
12	Michelia champaca	Son chafa	5	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
13	Terminalia catapa	Badaam	5	drought tolerant
14	Terminalia arjuna	Arjuna	4	Large evergreen tree
15	Lagerstromia Lanceolata	Crapemyrtle	4	Medium deciduous tree. Flowers attract many birds.
16	Dalbergia latifolia	Shisham, Indian Rosewood	5	drought tolerant
17	Terminalia paniculata	Kindal	4	drought tolerant
18	Samanea saman	Rain tree	4	Large deciduous tree. Flowering
19	Tabebuia avellanedae	Tabebuia Pink	5	Large deciduous tree. Pink flowering
20	Tabebuia argentea	Tabebuia Yellow	5	Deciduous tree, ornamental, yellow flowers
21	Swietenia mahagoni	Mahagony	5	Large evergreen tree

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 99 of 134

Name: K. Anil Kale

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

22	Plumeria alba	Chafa	4	Fragrant white-yellow flowers
23	Ficus Bengalensis	Vad	6	Huge evergreen tree
24	Ficus Religiosa	Pimpal	6	Quick growing, auspicious
25	Caryota Mitis	Fishtail Palm	6	Evergreen tree, fast growing
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)	75 KW
	DG set as Power back-up during construction phase	82.5 KVA
	During Operation phase (Connected load):	2188 KW
	During Operation phase (Demand load):	1179 KW
	Transformer:	2 Nos x 630 KVA
	DG set as Power back-up during operation phase:	160KVA-01 nos (for Residential) , 45KVA- 01 nos (for Commercial)
	Fuel used:	160 KVA - 27.7 lit./hr @ 75% Loading , 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:

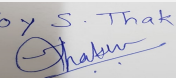
Auto Timer control for external & Common lighting
 Use of LED lamps in all public/ common areas.
 Solar powered water heating.
 Electronic V3F Drives for Elevators
 Solar PV Panel power for common area lighting.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	16200 KWH / Annum
2	Timer Logic Controller	36656 KWH / Annum
3	Electronic V3F drive for Lifts	19605KWH / Annum
4	Solar Water Heater	236640 KWH / Annum

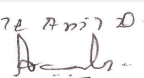
50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 100 of 134

Name: K 072 Anil D.

Shri. Anil Kale (Chairman SEAC-III)

Air	-	Green Belt will be provided.
Water	-	STP will be installed & excess treated water used for flushing & gardening.
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.
Solid Waste	-	Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to SWACH.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 46.80 Lakh
	O & M cost:	Rs. 2.20 Lakh/Year

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	0.50
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50
3	Land Environment	Site Sanitation- Mobile toilets	0.50
4	Socio Economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches for Children, Food for children, Personal Protective Equipment	1.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP-1	100 KLD	16.00 Lakh	6.76 Lakh/Year
2	STP-2	50 KLD	12.00 Lakh	5.46 Lakh/Year
3	RWH	-	1.87 Lakh	0.20 Lakh/Year
4	MSW(OWC)	375 kg/day	12.75 Lakh	2.88 Lakh/Year
5	Energy System	-	46.80 Lakh	2.20 Lakh/Year
6	Landscaping	-	17.29 Lakh	4.08 Lakh/Year
7	Swimming Pool	-	20.58 Lakh	1.20 Lakh/Year
8	Safety Equipments	-	10.00 Lakh	2.00 Lakh/Year
9	Post EC Monitoring	-	-	2.50 Lakh/Year
10	Dry Waste Management	-	-	0.82 Lakh/Year

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 101 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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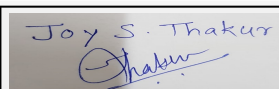
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

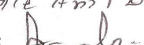
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	10590.20 m ²
	Number and area of podia:	Not Applicable
	Total Parking area:	17087.20 m ²
	Area per car:	38.92m ²
	Area per car:	38.92m ²
	Number of 2-Wheelers as approved by competent authority:	668
	Number of 4-Wheelers as approved by competent authority:	439
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	No
	Other Relevant Informations	-

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 102 of 134

Name: K. Anil Kale

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

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for proposed construction project at S. No. 72/4, 73, 74 + 75/2/1, Baner, Haveli by M/s Tejraj Realtors LLP.

PP submitted their application for prior Environmental clearance for total plot area of 11389.13 Sq. Mtrs, BUA of 49114.49 Sq. Mtrs and FSI area of 28123.67 Sq. Mtrs and Non FSI area of 20990.82 sq mtrs. PP proposes to construct 2 no. of residential buildings(wings), 1 commercial building.

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

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

Specific Conditions by SEAC:

- 1) PP to submit NOC from tree authority.
- 2) 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. With details of fund utilization & agreement with executor.
- 3) PP to submit drainage NOC.

FINAL RECOMMENDATION

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 103 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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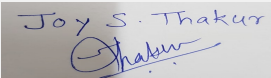
Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for Proposed residential construction project located at S.No. 90/A/1/1B, Dhanori, Pune by Venkatesh Constructions

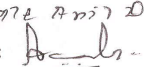
Is a Violation Case: No

1.Name of Project	Proposed residential construction project located at S.No. 90/A/1/1B, Dhanori, Pune by Venkatesh Constructions
2.Type of institution	Private
3.Name of Project Proponent	Shri. Suresh Vitthalrao Patil
4.Name of Consultant	EMP consultant : Oasis Environmental Foundation, accredited by NABET, the scope of Consultancy is limited to preparation of environmental management plan only. (In accordance with EIA amendment notification 3rd March 2016)
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S.No. 90/A/1/1B
9.Taluka	Haveli
10.Village	Dhanori
Correspondence Name:	Shri. Suresh Vitthalrao Patil
Room Number:	A-56
Floor:	-
Building Name:	Vitthal- Vishwa Kasturba co.op.hsg.soc.
Road/Street Name:	-
Locality:	Vishrantwadi,
City:	Pune
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	IOD received from Pune Municipal Corporation vide letter no. CC/1473/18 dated 10.08.2018 IOD/IOA/Concession/Plan Approval Number: CC/1473/18 dated 10.08.2018 Approved Built-up Area: 34127.94
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	OD received from Pune Municipal Corporation vide letter no. CC/1473/18 dated 10.08.2018
15.Total Plot Area (sq. m.)	10,125.00
16.Deductions	1696.5
17.Net Plot area	8428.50
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 16466.40 b) Non FSI area (sq. m.): 17661.54 c) Total BUA area (sq. m.): 34127.94
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 16466.40 Approved Non FSI area (sq. m.): 17661.54 Date of Approval: 10-08-2018
19.Total ground coverage (m2)	3522.78
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	41.79%
21.Estimated cost of the project	940000000


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 104 of 134

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

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	B+G+12 FLOOR	37.85
2	Wing B	B+G+12 FLOOR	37.85
3	MHADA building	G+5	17.55
4	Club House	G+1	7.25

23.Number of tenants and shops	230
24.Number of expected residents / users	1150
25.Tenant density per hectare	250 tenements per hectare
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	12.00 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	Nil
30.Details of the demolition with disposal (If applicable)	Not Applicable

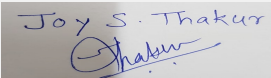
31.Production Details

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

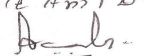
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 105 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PMC	
	Fresh water (CMD):	109	
	Recycled water - Flushing (CMD):	52	
	Recycled water - Gardening (CMD):	6	
	Swimming pool make up (Cum):	1	
	Total Water Requirement (CMD) :	167	
	Fire fighting - Underground water tank(CMD):	100	
	Fire fighting - Overhead water tank(CMD):	30	
	Excess treated water	87	
Wet season:	Source of water	PMC	
	Fresh water (CMD):	109	
	Recycled water - Flushing (CMD):	52	
	Recycled water - Gardening (CMD):	0	
	Swimming pool make up (Cum):	1	
	Total Water Requirement (CMD) :	167	
	Fire fighting - Underground water tank(CMD):	100	
	Fire fighting - Overhead water tank(CMD):	30	
	Excess treated water	93	
Details of Swimming pool (If any)	<p>Dimensions of Mains pool 12.19 mt X 6 mt. Total Area of Swimming Pool : 73.14 SQ M WATER CAPACITY FOR SWIMMING POOL = 95653 L/DAY , MAKEUP WATER REQUIREMENT = 956 L/DAY Details of Plant and Machinery used for treatment of water: High rate sand filters filter media, Self-Priming pump, Control panel for pump, Vacuum fitting Chemicals required for maintaining the Swimming Pool. Disinfection by: Ozonation/ UV Treatment Details of quality to be achieved for swimming pool water and parameters to be monitored: Sr. No. Parameters standard 1. pH 7.2 - 7.6 2. Chlorine level 1 to 1.5 mg/l Capital Cost: Rs. 17.50 lakh O & M Cost: Rs. 2.00 lakh / Annum</p>		
33.Details of Total water consumed			
Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 106 of 134

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

Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	109	109	Not applicable	11	11	Not applicable	98	98
Gardening	0	6	6	0	6	6	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15 to 20 Mt. below ground level
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	4
	Size of recharge pits :	2.0 m x 2.0 m x 1.5 m
	Budgetary allocation (Capital cost) :	3,00,000.00
	Budgetary allocation (O & M cost) :	50,000.00 per annum
	Details of UGT tanks if any :	UGT for Mhada Bldg FOR DOMESTIC Cap (m3) - 30 UGT for Wing A & B FOR DOMESTIC Cap (m3) - 130 FOR FIRE FIGHTING Cap (m3) - 100

35.Storm water drainage	Natural water drainage pattern:	NORTH TO SOUTH (102 TO 109) 7 MT. DIFFERENCE
	Quantity of storm water:	5803 cu.mt (annual)
	Size of SWD:	300 MM

Sewage and Waste water	Sewage generation in KLD:	145
	STP technology:	MBBR
	Capacity of STP (CMD):	130 KLD X 1 No. , 30 KLD X 1 No.
	Location & area of the STP:	Parallel to bldg B
	Budgetary allocation (Capital cost):	Rs. 38.4 lakhs for 130KLD & Rs.16.5 lakhs for 30 KLD
	Budgetary allocation (O & M cost):	Rs. 7.2 lakh / Annum for 130 KLD STP. And Rs. 4.8 Lakh / Annum for 30 KLD STP.

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Waste generated during construction phase will be handed over to authorized vendor
	Disposal of the construction waste debris:	This material shall be used for back filling and leveling of the plot.

Waste generation in the operation Phase:	Dry waste:	230 KG/DAY
	Wet waste:	345 KG/DAY
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	25 kg/day
	Others if any:	Not Applicable

Mode of Disposal of waste:	Dry waste:	Will be handed over to SWACH.
	Wet waste:	Will be treated in Organic waste converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Will be used as manure for landscaping after treatment
	Others if any:	Not Applicable
Area requirement:	Location(s):	Near STP
	Area for the storage of waste & other material:	Area of Storage: 10 m2; Area of Segregation: 5 m2
	Area for machinery:	Machinery area: 25 SQM, Total area provided for SWM & OWC: 40 SQM
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	12.75 lakhs
	O & M cost:	2.95 lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

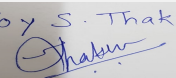
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	20.2 lit/hr	1	4.22 mt	Not applicable	Not applicable
2	-	5.8 lit/hr	1	3.53	Not applicable	Not applicable

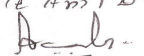
40. Details of Fuel to be used

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 108 of 134

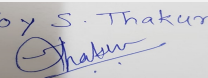
Name: K. Anil Kale

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

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

43.Green Belt Development	Total RG area :	991.58 sq.m
	No of trees to be cut :	0
	Number of trees to be planted :	125
	List of proposed native trees :	Given below
	Timeline for completion of plantation :	Till the completion of the project

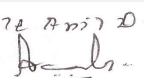
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Ailanthusexcelsa	Maharukh	06	Medicinal value, Drought tolerant species.
2	Albizialebek	Shirish	06	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds)
3	Cordiadichotoma	Bhokar	06	Medicinal value, Edible fruits
4	Bauhiniablackiana	Kanchanraj	06	Every part of the plant is medicinal, Drought tolerant species
5	Ficusglomerata	Umber	05	Medicinal value, Edible fruits, Bird attracting species
6	Buteamonosperma	Palas	05	Medicinal value, Bird attracting species, To control soil erosion
7	Syzygiumcumini	Jamun	04	Medicinal value, Edible fruit
8	Anthocephaluskadamba	Kadamb	09	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits
9	Azardirachtaindica	Neem	06	Medicinal value, To control soil erosion. To improve soil erosion
10	Dalbergiasissoo	Shisav	06	Medicinal value, Bird attracting species
11	Ficusarnottiana	Payar	05	Drought tolerant species, Bird attracting species. To control soil erosion.
12	Bauhiniapurpurea	Gulabi kanchan	06	Every part of the plant is medicinal ,Drought tolerant species
13	Ficusretusa	Nandruk	06	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
14	Pongamiapinnata	Karanj	10	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant
15	Mangiferaindica	Mango	06	Edible fruit, Bird attracting species
16	Micheliachampaca	Sonchafa	05	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species Fast growing

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 109 of 134

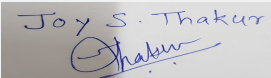
Name: K. Anil Kale

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

17	Phyllanthusemblica	Awala	05	Medicinal value, To control soil erosion
18	Saracaindica	Sita-ashok	05	Medicinal value, Religious plant
19	Caryotaurens	Fishtail palm	18	Grown in any type of soil. Very Hardy

45.Total quantity of plants on ground

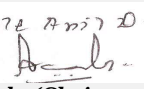
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Nerium olender pink	Nerium single pink	0.55
2	Adathoda vasica	Adulsa	0.55
3	Cassia auriculata	Tarwad	0.55
4	Cymopogon floxsus	Gavati Chaha	0.55
5	Plumbago capensis	Chittrak	0.55
6	Tabernaemontana coronaria variegated	Variegated tagar	0.55
7	Stachytarpheta indica	Stachytarpheta Blue	0.55
8	Stachytarpheta indica	Stachytarpheta Red	0.55
9	Cestrum nocturnum	Ratrani	0.55
10	Belloperone gutta	Shrimp plant red	0.55
11	Jasminum sambac	Mogra	0.55
12	Hedychium flavescens	Sontakka	0.55
13	Calliandra emarginata	Powder puff dwarf	0.55
14	Cassia biflora	Cassica biflora	0.55
15	Ficus benamina black	Ficus black	0.55
16	Ficus benamina starlight	Ficus starlight	0.55
17	Alpinia specious	Alpinia yellow varigated	0.55
18	Euphorbia carcasana	Euphorbia	0.55
19	Psuedoerenthemum reticulum	Kodia Yellow	0.55
20	Heliconia psittacorum	Heliconia orange upright	0.55
21	Acalypha wilkesiana	Acalpha marble pink	0.55
22	Murraya exotica	Kamini	0.55
23	Ailamanda nerifolia	Allamanda miniature	0.55
24	Hibiscus rosea sinensis	Hibiscus white regular	0.55
25	Ceasalpinia pulchirrima	Shankasur	0.55
26	Ixora dufii red	Ixora deep red	0.55
27	Lagestromia indica	Lagestromia indica	0.55
28	Lantana camera	Tantani	0.55
29	Eranthemum laxiflorum	Tagar blue	0.55
30	Galphimia glauca	Canara bush	0.55
31	Vitex negundo	Nirgudi	0.55
32	Caesalpinia bonduc	Sagargota	0.55
33	Ziziphus mauritiana	Ber	0.55
34	Cassia tora	Takala	0.55

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 110 of 134

Name: K. Anil D.

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

35	Passiflora edulis	Krushna kamal	0.55
36	Clematis gauriana	Ran Jai	0.55

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	82.5 KVA
	During Operation phase (Connected load):	1186 KW
	During Operation phase (Demand load):	566 KW
	Transformer:	630 X 1 KVA
	DG set as Power back-up during operation phase:	125 KVA X 1 No. 30 KVA X 1 No.
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

Energy saving by non-conventional method are as below

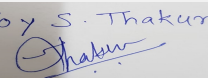
- 1) Use of Solar PV Panels
- 2) Use of Timer Logic Controller
- 3) Use of Electronic V3F drive for Lifts
- 4) Use of Solar Water Heater

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	4050 KWH / Anum
2	Timer Logic Controller	16425 KWH / Anum
3	Electronic V3F drive for Lifts	7624.12 KWH / Anum
4	Solar Water Heater	400200 KWH / Anum

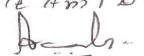
50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
waste water generation during operation phase	Not applicable	Proposed STP of 130 KLD & 30 KLD
Wet waste generation	Not applicable	Proposed OWC machine (345 Kg/Day)
Noise Generation	Not applicable	DG set with acoustic enclosure & thick tree plantation

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 111 of 134

Name: K. Anil Kale

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	44.79
	O & M cost:	1.29

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	Water for dust suppression measures & Soil Preservation	0.4
2	Site Safety	Barricading & nets	0.6
3	Site Sanitation	Mobile Toilets etc.	0.8
4	Disinfection & Health Check Up	For Labors	0.75
5	Environment Monitoring	Air, Water, Noise & DG Stack	0.4

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Environmental Monitoring	Ambient Air quality, Noise Level, Exhaust from DG Set, Drinking Water, Sewage from STP, As per EP act, Manure, six monthly compliance etc	0	2.60
2	Rain water Harvesting	4 no. of rain water harvesting pits will be proposed	3	0.50
3	Storm water networking	Internal storm water channels	18.25	1.50
4	STP	2 No. of STP (130 KLD & 30 KLD) will be proposed	54.90	12.0
5	Energy	Street lightning & solar water heater	44.80	1.30
6	Landscaping	Proposed tree plantation	15.70	2.50
7	Organic waste composting machine	OWC machine will be proposed to treat wet waste generation	18.25	1.50
8	Safety training and awareness	Mock up drill & awareness, training	5.00	1.00
9	Swimming Pool	Internal storm water channels	17.50	2.00

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 112 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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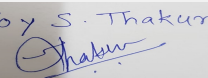
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available

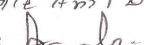
53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	Traffic generated from this project will confluent on 12 m wide road.
Parking details:	Number and area of basement:	No of basements: 1 no., area of Basements: 2734.15 m ²
	Number and area of podia:	Not Applicable
	Total Parking area:	8851.60 m ²
	Area per car:	35 m ² /car for basement, 30 m ² for gr flr, 25 Sq m for open car parking
	Area per car:	35 m ² /car for basement, 30 m ² for gr flr, 25 Sq m for open car parking
	Number of 2-Wheelers as approved by competent authority:	483 Nos
	Number of 4-Wheelers as approved by competent authority:	221 nos.
	Public Transport:	Bus Stop are available within 1 Km from site
	Width of all Internal roads (m):	6.00 mt
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	Not Applicable
	Other Relevant Informations	No

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 113 of 134

Name: K. Anil Kale

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

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summarised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Proposed residential construction project located at S.No. 90/A/1/1B, Dhanori, Pune by Venkatesh Constructions.

PP submitted their application for prior Environmental clearance for total plot area of 10125 Sq. Mtrs, BUA of 34127.94 Sq. Mtrs and FSI area of 16466.40 Sq. Mtrs and Non FSI area of 17661.54 sq mtrs.

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

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

Specific Conditions by SEAC:

- 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. With details of fund utilization & agreement with executor.
- 2) PP to submit CFO NOC
- 3) PP to submit E-waste quantity & agreement for disposal.
- 4) PP to upload cross section of UGT with headroom available.
- 5) PP to submit NOC from adjoining plot owner as SWD & sewer line passing through their plot.
- 6) PP to submit storm water NOC.
- 7) PP to submit Tanker NOC/ Agreement

FINAL RECOMMENDATION

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 114 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Agenda of 73rd Meeting of SEAC-3 (DAY-2)

SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for Proposed Residential & commercial Project at S. No. 543/1, 546/2(P), Charholi, Pune by M/s. Diamond Nexus Associates.

Is a Violation Case: No

1.Name of Project	Proposed Residential & commercial Project at S. No. 543/1, 546/2(P), Charholi, Pune by M/s. Diamond Nexus Associates.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Nareshkumar Patel & Mr. Hardik Patel.
4.Name of Consultant	J M EnviroNet Pvt Ltd , Ms. Sayali Jagtap (EIA Coordinator)
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	No
8.Location of the project	S. No. 543/1, 546/2(P), Charholi, Pune
9.Taluka	Khed
10.Village	Charholi
Correspondence Name:	Mr. Hardik Patel
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	S. No. 543/1, 546/2(P), Charholi, Pune
Locality:	Charholi
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	Applied IOD/IOA/Concession/Plan Approval Number: Not received Approved Built-up Area:
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	15400 sq. m
16.Deductions	2068.34 sq. m
17.Net Plot area	13331.66 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 35307.92 sq. m b) Non FSI area (sq. m.): 31276.23 sq. m c) Total BUA area (sq. m.): 66584.15
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval: 01-01-1900
19.Total ground coverage (m2)	3605.21 sq. m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	27.04 %
21.Estimated cost of the project	998000000

22.Number of buildings & its configuration

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 115 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A+ Commercial shops	Parking + 12 floors	36 m
2	Building B	Parking + 12 floors	36 m
3	Building C	Parking + 12 floors	36 m
4	Building D	Parking + Podium parking + 12 floors	36(from podium floor)
5	Building E	Parking + Podium parking + 12 floors	36(from podium floor)
6	Building F	Parking + Podium parking + 12 floors	36(from podium floor)
7	Building G	Parking + Podium parking + 12 floors	36(from podium floor)
8	Building H	Parking + 12 floors	36 m
9	Club house	Ground + 1	7.60 m

23.Number of tenants and shops	Residential : 793 Commercial shops
24.Number of expected residents / users	Residential : 3965 , Commercial Floating population : 119
25.Tenant density per hectare	250 /Ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 m wide existing road to the nearest fire station at PCMC fire brigade at distance 9.7 km
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

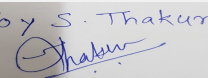
31.Production Details

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

32.Total Water Requirement

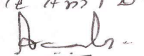
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 116 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	359							
	Recycled water - Flushing (CMD):	181.40							
	Recycled water - Gardening (CMD):	8.93							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	549.33							
	Fire fighting - Underground water tank(CMD):	400							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	271.91							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	359							
	Recycled water - Flushing (CMD):	181.40							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	540.4							
	Fire fighting - Underground water tank(CMD):	400							
	Fire fighting - Overhead water tank(CMD):	20							
	Excess treated water	280.84							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

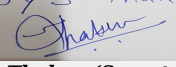
Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 117 of 134

Name: K. Anil D.

 Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5 to 10 BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	06
	Size of recharge pits :	2 x 2 x 1.5 m with 178 mm dia depth 30 m
	Budgetary allocation (Capital cost) :	Rs. 3,37,000 /-
	Budgetary allocation (O & M cost) :	Rs. 30,000 /-
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 526.24 KLD Flushing tank Capacity(cum) : 263.12 KLD Fire UG tank Capacity (cum) : 400 KLD
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	11.72 m ³ / min
	Size of SWD:	450 mm dia
Sewage and Waste water	Sewage generation in KLD:	486.57 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	505 KLD
	Location & area of the STP:	Area : 234 sq. m
	Budgetary allocation (Capital cost):	Rs. 36,86,000 /-
	Budgetary allocation (O & M cost):	Rs. 13,35,780 /-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Will be used within site
Waste generation in the operation Phase:	Dry waste:	705.78 kg/day
	Wet waste:	1136 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	45.04 kg/day
	Others if any:	NA

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 73 Meeting Date: October
 16, 2018

Page 118
 of 134

Name: K. Anil Kale

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

Mode of Disposal of waste:	Dry waste:	To authorized vendor
	Wet waste:	Treatment of OWC
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	NA
Area requirement:	Location(s):	Near Building F & H
	Area for the storage of waste & other material:	77 sq. m
	Area for machinery:	96 sq. m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 27,58,000 /-
	O & M cost:	Rs. 6,00,000 /-

37. Effluent Characteristics

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

38. Hazardous Waste Details

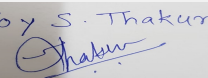
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

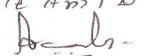
40. Details of Fuel to be used

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 119 of 134

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	RG area : 1488.78 sq. m
	No of trees to be cut :	0
	Number of trees to be planted :	165 no's (proposed)
	List of proposed native trees :	Provided in below table
	Timeline for completion of plantation :	Up to completion of project

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

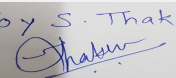
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Neolamarckia cadamba	Kadamb	15	Large size , shady, ball shaped flowering tree.
2	Cassia fistula	Bahawa	15	Medium size deciduous tree, Draught tolerant,Beautiful yellow flower,butterfly host plant.
3	Bahunia purpurea	Kanchan	18	Medium size pink flowering tree.
4	Lagerstromia indica	Taman	18	State flower of Maharashtra, medium size tree with beautiful purple flower.
5	Michelia champaca	Sonchafa	20	Medium size evergreen tree. Fragrant yellow flowers,butterfly host plant.
6	Peltoforum Petrocarpum	Copper pod	15	Large size , shady,yellow flowering tree.
7	Azadirachta indica	Neem	15	Semi - evergreen tree with medicinal value.
8	Plumeria Acutifolia	Temple tree	20	Evergreen medium size white flowering tree, medicinal value.
9	Psidium guayava	Gauva	8	Medium sized fruit bearing tree, medicinal plant-good source of calcium and vitamin C.
10	Achras sapota	Chikoo	7	Medium sized fruit bearing tree, medicinal value,bird attracting tree
11	Annona squamosa	Sitaphal	7	Medium sized fruit bearing tree, medicinal value.
12	Mangifera indica	Mango	7	State tree of Maharashtra (Auspicious tree), greening & popular edible fruits, medicinal & butterfly host tree.

45.Total quantity of plants on ground

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

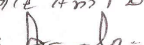
Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 120 of 134

Name: K. Anil Kale

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 KVA
	DG set as Power back-up during construction phase	50 KVA
	During Operation phase (Connected load):	3020.91 KW
	During Operation phase (Demand load):	1633.77 KW
	Transformer:	3 x 630 KVA
	DG set as Power back-up during operation phase:	250 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

1. As per MSEDCL requirements, we planned to use high efficiency Transformer & to reduce losses. Losses for Transformer will be as per IS standards & ECBC norms.
2. We are planning to keep power factor of the common load installation near unity.
3. Following are the Energy efficient fixtures should be used in our project for energy conservation :-
 - 3.1 Energy efficient LED fixtures are proposed for bracket lights provided of all buildings.
 - 3.2 LED lighting fixtures are proposed for general lighting for common passages, staircase & terrace area.
 - 3.3 The estimated saving in common area lighting consumption is up to 18.11 % due to adopting above measures.
4. Solar Heating System is being proposed for Hot water to be used in Toilets of each apartment.
5. V3F drive motors should be used for lifts, which saves 30% energy consumption.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED lighting fixtures + Street lighting + Solar PV + Solar hot water system	18.11 %

50. Details of pollution control Systems

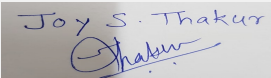
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 2,39,43,650 /-
	O & M cost:	Rs. 9,98,932 /-

51. Environmental Management plan Budgetary Allocation

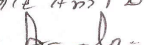
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Erosion control - dust suppression measures and barricading	Rs. 1,06,000 /-


 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 121
of 134

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

2	Land	Site Sanitation	Rs. 26,500 /-
3	Health & Safety	Site Safety	Rs. 88,000 /-
4	Environment Management	Environmental Monitoring	Rs. 1,20,000/-
5	Health & Safety	Disinfection and Health Check-ups	Rs. 45,000 /-

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 STP	Rs. 36,86,000 /-	Rs. 13,35,780 /-
2	Rain Water Harvesting	6 pits	Rs. 3,37,000 /-	Rs. 30,000 /-
3	Solid Waste Management	1 OWC	Rs. 27,58,000 /-	Rs. 6,00,000 /-
4	Green Belt Development	165 trees	Rs. 18,60,975 /-	Rs. 1,44,000 /-
5	Energy details	LED fixtures + street lighting +Solar hot water +Solar PV	Rs. 2,39,43,650 /-	Rs. 9,98,932 /-
6	Environmental Monitoring	Environment Management	-	Rs. 1,20,000/-

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

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

52.Any Other Information

No Information Available

53.Traffic Management

Nos. of the junction to the main road & design of confluence:	30 m existing road
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Parking details:	Number and area of basement:	Area : 1870 sq. m
	Number and area of podia:	Area : 5216 sq. m
	Total Parking area:	13419.8 sq. m
	Area per car:	12.5 sq. m as per DC rule
	Area per car:	12.5 sq. m as per DC rule
	Number of 2-Wheelers as approved by competent authority:	Scooters : 1634 , Cycles : 1602
	Number of 4-Wheelers as approved by competent authority:	502
	Public Transport:	Pune city buses.
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km area
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 123 of 134	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Environment Clearance for Proposed Residential & commercial Project at S. No. 543/1, 546/2(P), Charholi,Pune by M/s. Diamond Nexus Associates.

PP submitted their application for prior Environmental clearance for total plot area of 15400 Sq. Mtrs, BUA of 66584.15 Sq. Mtrs and FSI area of 35307.92 Sq. Mtrs and Non FSI area of 31276.23 sq mtrs.

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

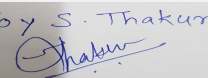
PP requested for time to submit above information; after deliberations committee asked PP to comply with the above observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

- 1) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.
- 2) PP to ensure that all the dead-end on the podium should provide culdesac with radius not less than 9 m.
- 3) PP to submit drainage NOC.
- 4) PP to insure that the commercial area should be isolated with independent parking
- 5) 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. With details of fund utilization & agreement with executor.
- 6) PP to submit CFO NOC.
- 7) PP to submit E-waste quantity & agreement for disposal.
- 8) PP to submit water supply NOC.
- 9) PP to submit drainage NOC.
- 10) PP to submit STP details.
- 11) PP to submit list of existing trees.
- 12) PP to ensure commercial & residential parking layout should be separate.
- 13) PP to submit details of socioeconomic infrastructure of project vicinity.

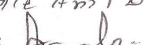
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

**Page 124
of 134**

Name: K. Anil Kale

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

Agenda of 73rd Meeting of SEAC-3 (DAY-2)

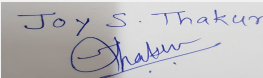
SEAC Meeting number: 73 Meeting Date October 16, 2018

Subject: Environment Clearance for Application for Environmental Clearance for proposed Residential and Commercial project "Apple Regency" by M/s. Shri Siddhivinayak Associates at Dhayari, Pune

Is a Violation Case: No

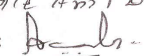
1.Name of Project	"Apple Regency" by M/s. Shri Siddhivinayak Associates
2.Type of institution	Private
3.Name of Project Proponent	Shri Siddhivinayak Associates - Mr. Rahul Paigude
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Sr.No.138/2B/2/3/4/5, S. No-174/B/2/3/4/5(P)
9.Taluka	Haveli
10.Village	Dhayari
Correspondence Name:	Shri Siddhivinayak Associates - Mr. Rahul Paigude
Room Number:	-
Floor:	-
Building Name:	Audumber Apartment off No -203
Road/Street Name:	Near Bharat Petrol Pump, Above Chevrolet Showroom
Locality:	Pune-58
City:	Pune-411058
11.Area of the project	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	CC/4082/15 dated 11-03-2016
	IOD/IOA/Concession/Plan Approval Number: CC/4082/15 dated 11-03-2016
	Approved Built-up Area: 14825
13.Note on the initiated work (If applicable)	11,505 m2 (As per sanction received from Pune Municipal Corporation vide no. CC/4082/15 dated 11/03/2016)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Under process
15.Total Plot Area (sq. m.)	8,950 m2
16.Deductions	3,288 m2
17.Net Plot area	5,662 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 14,818 m2
	b) Non FSI area (sq. m.): 16,023 m2
	c) Total BUA area (sq. m.): 30841
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 5,698 m2
	Approved Non FSI area (sq. m.): 9,127 m2
	Date of Approval: 11-03-2016
19.Total ground coverage (m2)	3,351 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	37%
21.Estimated cost of the project	652048272

22.Number of buildings & its configuration


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

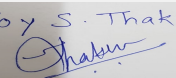
Page 125 of 134

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	Wing A	B+LG+UG+13	44.15	
2	Wing B	B+LG+UG+13	44.15	
3	Club House	G + 1	7.30	
23.Number of tenants and shops	Tenements-202 nos. Shops-52 nos.			
24.Number of expected residents / users	Residential 1,010 nos., Office & Shops 563 nos. Total Population- 1,573			
25.Tenant density per hectare	225/Ha			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	6 m, 12 m & 36 m wide D. P. road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m			
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				


 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 126 of 134	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	105 m3/day							
	Recycled water - Flushing (CMD):	56 m3/day							
	Recycled water - Gardening (CMD):	16 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	161 m3/day							
	Fire fighting - Underground water tank(CMD):	150 m3/day							
	Fire fighting - Overhead water tank(CMD):	40 m3/day							
	Excess treated water	60 m3/day							
Wet season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	105 m3/day							
	Recycled water - Flushing (CMD):	56 m3/day							
	Recycled water - Gardening (CMD):	8 m3/day							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	161 m3/day							
	Fire fighting - Underground water tank(CMD):	150 m3/day							
	Fire fighting - Overhead water tank(CMD):	40 m3/day							
	Excess treated water	68 m3/day							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 127 of 134

Name: **Kale Anil D.**

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-Monsoon-12 to 15m BGL , Post Monsoon-5 to 6m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	2 nos. of recharge pit
	Size of recharge pits :	2 m. X 1 m. X 2 m Depth
	Budgetary allocation (Capital cost) :	Rs. 2 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1 Lakh/year
	Details of UGT tanks if any :	UGT- Fire - 150 m3 Domestic - 68 m3 Flushing - 76 m3 Raw water tank - 45 m3 OHT- Fire - 40 m3 Drinking - 15 m3 Domestic - 75 m3 Flushing - 45 m3
35.Storm water drainage	Natural water drainage pattern:	Along with road side nalla
	Quantity of storm water:	0.069 m3/ Sec.
	Size of SWD:	300 mm
Sewage and Waste water	Sewage generation in KLD:	145 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. and capacity is 160 m3/day
	Location & area of the STP:	79 m2
	Budgetary allocation (Capital cost):	Rs. 50 Lakh/year
	Budgetary allocation (O & M cost):	Rs. 8 Lakh/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	17,300 Kg/day
	Disposal of the construction waste debris:	Used for landfilling & gardening within the project site.
Waste generation in the operation Phase:	Dry waste:	179 kg/day
	Wet waste:	416 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	32 kg/day
	Others if any:	NA

Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler for further handling and Process.
	Wet waste:	Through Organic Waste Converter. Generated manure will be used for gardening.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure for gardening purpose
	Others if any:	NA
Area requirement:	Location(s):	Provide
	Area for the storage of waste & other material:	30 m ²
	Area for machinery:	2 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 18 Lakhs
	O & M cost:	Rs. 2 lakhs

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

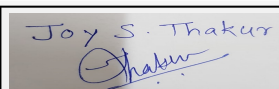
39. Stacks emission Details

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

40. Details of Fuel to be used

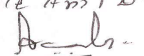
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 129 of 134

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	760 m2
	No of trees to be cut :	Nil
	Number of trees to be planted :	95
	List of proposed native trees :	Provided
	Timeline for completion of plantation :	6 TO 9 months after completion of Civil Works

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

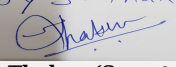
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Manikara zapota	Chikoo	5	Drought tolerant, ornamental & medicinal plant
2	Michelia champaca	Champa	5	Evergreen timber plant, ornamental,
3	Mimusopes elengi	Bakul	5	Evergreen tree, timber yielding and medicinal plant
4	Ficus benjamina	Weeping fig	5	Evergreen & bird attracting tree
5	Cassia fistula	Golden shower	5	fruit tree & bird attracting
6	Butea monosperma	Flame tree	5	Used in pesticide & dye preparation,
7	Cassia grandis	Pink shower	5	Evergreen & bird attracting tree
8	Saraca indica	Sita ashok	5	Drought tolerant, ornamental & medicinal plant
9	Roystonea regia	Royal palm	5	Evergreen medicinal plant
10	Erythrina subrosa	Pangara	5	Nitrogen fixer, ornamental plant
11	Neolamarkia cadamba	Kadamba tree	5	Tropical fruit tree & bird attracting tree
12	Mangifera indica	Mango tree	5	Tropical fruit tree & bird attracting tree
13	Pongamia pinnata	Karanj	7	Karanj is an important ayurvedic medicine
14	Phyllanthus officinalis	Awala	7	Evergreen medicinal and fruit plant
15	Ocimum Tenuiflorum	Ram Tulas	7	Holy basil is an important medicinal
16	Azadirachta Indica	Neem	7	Traditional medicinal Plant
17	Albiza Lebbeck	Shirish	7	Evergreen timber plant, ornamental
18	Total	-	95	-

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

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 130 of 134

Name: K. Anil Kale

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	20 kW
	DG set as Power back-up during construction phase	1 nos. x 120 kVA
	During Operation phase (Connected load):	2,095 kW
	During Operation phase (Demand load):	928 kW
	Transformer:	1 no. x 630 kVA, 1 nos. x 315 kVA
	DG set as Power back-up during operation phase:	1 no. x 350 kVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

By using LED
By using Solar

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lighting(for landscape/street lighting)	7%
2	Energy Efficient Tube lights(Parking+common areas)	20%
3	VFD's on lifts	20%
4	Solar panel for hot water	6%

50. Details of pollution control Systems

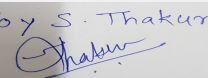
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs.5 Lakh
	O & M cost:	Rs. 1 Lakh

51. Environmental Management plan Budgetary Allocation

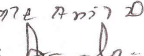
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air, Water Environment	Water for dust suppression	Rs. 2 Lakh
2	Site Sanitation& Safety	Sanitation Disinfection & Health checkup, mobile toilets for workers	Rs. 4 Lakh

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 131
of 134

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

3	Environmental Monitoring	Environmental Monitoring	Rs. 2 Lakh
4	Disinfection	-	Rs. 1 Lakh
5	Air, Water Environment	Safety parameters	Rs. 1 Lakh
6	Total	-	Rs. 10 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	Sewage Treatment plant	1 no. of STP having Capacity 160 m3/day	Rs. 50 Lakh	Rs. 8 Lakh
2	Solid Waste Management	Cost for Treatment of biodegradable garbage in OWC	Rs. 18 Lakh	Rs. 2 Lakh
3	Landscape	Tree Plantation & Landscaping	Rs. 14 Lakh	Rs. 1 Lakh
4	Environmental Monitoring	Monitoring and analysis of Air and Noise, water, soil etc.	MoEF approved laboratory	Rs. 5 Lakh
5	Energy Conservation	Solar street lighting	Rs. 5 Lakh	Rs. 1 Lakh
6	Rain Water Harvesting	2 no. of recharge pits	Rs. 2 Lakh	Rs. 1 Lakh
7	Laying of storm & Sewer line up to final disposal point	Laying of storm & Sewer line up to final disposal point	Rs. 5 Lakh	Rs. 1 Lakh
8	Total	-	Rs. 94 Lakh	Rs. 19 Lakh

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

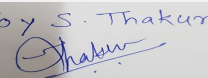
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

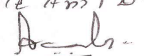
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1 No.
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 73 Meeting Date: October 16, 2018

Page 132 of 134

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	1 no. 3,820 m2
	Number and area of podia:	1 no. 3,180 m2
	Total Parking area:	9,412 m2
	Area per car:	Basement -35 m2 open -30 m2
	Area per car:	Basement -35 m2 open -30 m2
	Number of 2-Wheelers as approved by competent authority:	Scooters - 659 nos. & Cycles - 313 nos.
	Number of 4-Wheelers as approved by competent authority:	293 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a), B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summorisred in brief information of Project as below.		
Brief information of the project by SEAC		

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 73 Meeting Date: October 16, 2018	Page 133 of 134	Name: K 072 Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Application for Environmental Clearance for proposed Residential and Commercial project at Dhayari, Pune by "Apple Regency" by M/s. Shri Siddhivinayak Associates.

PP submitted their application for prior Environmental clearance for total plot area of 8950 Sq. Mtrs, BUA of 30841 Sq. Mtrs and FSI area of 14818 Sq. Mtrs and Non FSI area of 16023 sq mtrs.

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

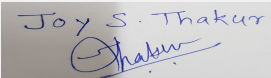
SEAC decided to recommend the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 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. With details of fund utilization & agreement with executor.
- 2) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters.
- 3) PP to submit revised parking layout plan.
- 4) PP to submit CFO NOC, water supply NOC and drainage NOC,
- 5) PP to submit E-waste quantity & agreement for disposal.
- 6) PP to submit STP details.
- 7) PP to submit debris management plan.
- 8) PP to submit revised RG plan with additional local native species trees.
- 9) Stack parking in basement be revised such that commercial and residential parings are separate.

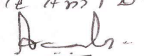
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 73 Meeting Date: October
16, 2018**

**Page 134
of 134**

Name: K. Anil Kale

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