#### SEAC Meeting number: 122 Meeting Date August 23, 2021

**Subject:** Environment Clearance for proposed residential cum commercial project "Jayanti Nagari – VII", at Kh. No. 82/1-2-3, Mouza Besa, Besa-Pipla Road, Besa, Nagpur by M/s. Abhijit Realtor's & Infraventures Pvt. Ltd.

Is a Violation Case: No									
1.Name of Project	Jayanti Nagari - VII								
2.Type of institution	Private								
3.Name of Project Proponent	M/s. Abhijit Realtor's & Infraventures Pvt. Ltd. Name : Mr. Abhijit J. Majumdar Address : F-31-32, Jayanti Mansion-III, Above Reliance Fresh, Manish Nagar, Somalwada, Nagpur- 44001 Mob No : 9822250555 Mail Id : abhijitconstco@yahoo.com								
4.Name of Consultant	Goldfinch Engineering System Private Limited Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area, MIDC (Wagle Estate), Thane (W) – 400604, Maharashtra India. PH : 91-22-25801529/21/46 Accreditation No : NABET/EIA/1518/RA0066								
5.Type of project	Residential & Commercial Project								
6.New project/expansion in existing project/modernization/diversification in existing project	New								
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	N.A.								
8.Location of the project	Kh. No. 82/1-2-3, Mouza Besa, Besa-Pipla Road, Besa, Nagpur								
9.Taluka	Nagpur-Gramin								
10.Village	Besa								
Correspondence Name:	Mrs. Aparna Kulkarni								
Room Number:	Shop No. F-31-32								
Floor:	First Floor								
Building Name:	Jayanti Mansion-III								
Road/Street Name:	Beltarodi Road								
Locality:	Manish Nagar, Somalwada								
City:	Nagpur								
11.Whether in Corporation / Municipal / other area	Nagpur Metropolitan Regional Development Authority (NMRDA)								
	In process								
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: In process								
	Approved Built-up Area: 105651.604								
13.Note on the initiated work (If applicable)	N.A.								
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	N.A.								
15.Total Plot Area (sq. m.)	59400.000								
16.Deductions	25116.600								
17.Net Plot area	34283.400								
	a) FSI area (sq. m.): 149858.307								
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 102566.455								
	c) Total BUA area (sq. m.): 252424.762								
	Approved FSI area (sq. m.): 75184.765								
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 30466.839								
	Date of Approval: 22-03-2019								
19.Total ground coverage (m2)	8884.848 sq.mt.								
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.916 %								
21.Estimated cost of the project	3446800000								

asper of the set			Dr. Deepak G. Mhalsekan Chairman SEAC.III
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	22.Number of buildings & its configuration								
Serial number	Buildir	ng Name & i	number	Num	oer of floors	Height of the buil	ding (Mtrs)		
1	Wing-A			B1+B	2+B3+G+23	78.90			
2		Wing-B		B1+B	2+B3+G+23	78.90			
3		Wing-C		H	3+G+28	88.00			
4		Wing-D		Η	3+G+28	88.00			
5		Wing-E		Η	3+G+26	84.60			
6		Wing-F		Η	3+G+26	84.60			
7		Wing-G		Ε	8+G+24	78.40			
8		Wing-H		Ε	8+G+24	78.40			
9		Wing-I		Η	8+G+25	81.50			
10		Wing-J		Η	3+G+25	81.50			
11		Wing-K		Η	3+G+27	87.70			
12		Wing-L		Η	3+G+24	78.40			
23.Number tenants an	r of d shops	Tenanment	1390 Nos. , Shop	: 9 Nos., 1	Miniplex: 4 Nos.				
24.Number expected r users	r of esidents /	Residential	6950 Nos. , Comr	nercial: 1	010 Nos., Miniplex	267 Nos.			
25.Tenant per hectar	<b>density</b> e	250/ha							
26.Height building(s)	of the								
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the ouilding(s)	Nearest Fir	e station Distance	- 5.4 Km					
28.Turning for easy ac fire tender movement around the excluding for the pla	radius cess of from all building the width ntation	9.0 m	Gris						
29.Existing structure	J s) if any	N.A.							
30.Details of the demolition with disposal (If applicable)									
			31.Prod	luctio	on Details				
Serial Number	Pro	duct	Existing (MT/	'M)	Proposed (MT/M)	Total (MT	/M)		
1	Not ap	plicable	Not applicabl	le	Not applicable	Not applica	able		
32.Total Water Requirement									



		Source of	water	Nagpur Mu	nicipal Corp	oration						
		Fresh wate	er (CMD):	657.07								
		Recycled w Flushing (	vater - CMD):	335.61	335.61							
		Recycled w Gardening	vater - (CMD):	75								
		Swimming make up ((	pool Cum):	2								
Dry season:		Total Wate Requireme :	er ent (CMD)	1069.68								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	300.00				.0				
		Fire fightin Overhead v tank(CMD)	ng - water ):	20.00								
		Excess trea	ated water	440				*				
		Source of v	water	Nagpur Mu	nicipal Corp	oration						
		Fresh wate	er (CMD):	657.07								
		Recycled w Flushing (	vater - CMD):	335.61								
		Recycled w Gardening	vater - (CMD):	0								
		Swimming make up ((	pool Cum):	2								
Wet season:		Total Wate Requireme :	er ent (CMD)	994.68								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	300.00								
		Fire fightin Overhead v tank(CMD)	ng - water ):	20.00								
		Excess trea	ated water	515								
Details of Sw pool (If any)	imming	Dimension o :126 KLD,W cost :2,16,0	of Swimming Vater require 00/-	Pool :Area ( ment for ma	Of Pool : 95n ke up in KLI	n X 1.2m dep ) :3.00 KLD,0	oth,Total Wat Capital Cost	er Requirem: :3,761,781/-,	ient in KLD O & M			
		3	3.Detail	s of Tota	l water c	onsume	d					
Particula rs	Cons	sumption (C	MD)	]	Loss (CMD)		Ef	fluent (CM	D)			
Water Require E ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic ap	Not oplicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
ar	рпсаріе	аррисаріе	applicable	аррисарие	аррисарие	applicable	applicable	applicable	applicable			

	Level of the Ground water table:	8 to 10 mt. below ground level
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
34.Rain Water Harvesting	Quantity of recharge pits:	22 Nos.
(RWH)	Size of recharge pits :	3.0 m x 2.0 m x 3.0 m depth
	Budgetary allocation (Capital cost) :	44.00 lac
	Budgetary allocation (O & M cost) :	1.54 lac/yr
	Details of UGT tanks if any :	Domestic Capacity (Lit) : 9,88,610 Lits, Flushing UG Tank Capacity (Lit) : 4,10,609 Lits, Fire Fighting Capacity (Lit) : 3,00,000 Lits
	Natural water drainage pattern:	Drainage pattern -South to north
35.Storm water drainage	Quantity of storm water:	12827m/year
	Size of SWD:	600mm dia.
	•	
	Sewage generation in KLD:	894 KLD
	STP technology:	MBBR
Sewage and	Capacity of STP (CMD):	900 KLD
Waste water	Location & area of the STP:	As per drawing & 400 m2
	Budgetary allocation (Capital cost):	239.98 Lacs
	Budgetary allocation (O & M cost):	31.05 Lacs/yr
	36.Solie	d waste Management
Waste generation in the Pre Construction	Waste generation:	Excavation = 15140 cum, Filling in Plinth = 17307.28 cum, Filling at Front Side = 2491.20 cum, Concrete = 22650.06 cum, Steel = 2160 mt, AAC Blocks = 10649.74 cum
and Construction phase:	Disposal of the construction waste debris:	Excavation = 15033.17 cum, Concrete = 453 , Steel = 43.20, AAC Blocks = 212.99
	Dry waste:	1582 kg/day
	Wet waste:	2213 kg/day
Waste generation	Hazardous waste:	NA
in the operation Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	74.3 kg/day
	Others if any:	NA

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		Dry waste:		Dry waste will be sent for recycling to NMRDA					
		Wet waste		Wet waste	will be co	onve	erting to com	posting for	by OWC
		Hazardous	waste:	NA					
Mode of of waste:	Disposal	Biomedica applicable	l waste (If ):	NA					
		STP Sludg sludge):	e (Dry	STP sludge	STP sludge sent to SWM site for converting in to compost				
		Others if a	ny:	NA					
		Location(s	):	As per drav	ving				
Area for t of waste & material:		Area for th of waste & material:	e storage other	28.35 sq.m	t.				
		Area for m	achinery:	149.85 sq.n	nt.				
Budgetary	allocation	Capital cos	st:	53.00 lac					
(Capital co O&M cost)	st and	O & M cos	t:	11.11 lac/y	r				
			37.Ef	fluent C	harect	ter	estics		*
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestics	5	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable	Not ap	plicable		Not app	olicable	Not applicable
Amount of e (CMD):	Amount of effluent generation Not applica			licable					
Capacity of	apacity of the ETP: Not applicable			ible					
Amount of t recycled :	reated efflue	ent	Not applica	ıble					
Amount of v	water send to	o the CETP:	Not applica	ible	<u> </u>				
Membershi	p of CETP (if	require):	Not applica	ıble					
Note on ET	P technology	to be used	Not applica	ble					
Disposal of	the ETP sluc	lge	Not applica	cable					
			38.Ha	zardous	Waste	e D	etails		
Serial Number	Descr	iption	Cat	UOM	Existir	ng	Proposed	Total	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	Not applical	ble	Not applicable	Not applicable	Not applicable
			39.St	tacks em	ission	De	etails		
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack N	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not app	Not applicable Not ap			Not applical	ble	Not applicable	Not applicable	Not applicable
			40.De	tails of <b>F</b>	Fuel to	b be	e used		
Serial Number	Тур	e of Fuel		Existing			Proposed		Total
1	Not	applicable	1	Not applicabl	е	N	lot applicable	е	Not applicable
41.Source of	of Fuel		Auth	orized vendo	r				
42.Mode of	Transportat	ion of fuel to	site By ro	ad					



		Total RG a	irea :	3428.34 sq.	mt			
		No of trees	s to be cut	0.00				
43.Green Belt		Number of be planted	f trees to l :	504 Nos.				
Develop	ment	List of pro native tree	posed es :	List present	ted below			
		Timeline f completion plantation	or n of . :	Before 1 ye	ar constructi	on		
	44.Nu	mber and	d list of t	trees spe	cies to b	e plante	d in the ground	
Serial Number	Name of	the plant	Commo	on Name	Quar	ntity	Characteristics & ecological importance	
1	Ba	kul	Mimuso	ps Elengi	5	0	Shady tree, small white fragrant flower	
2	Kada	amba	Neolai Cad	marckia amba	2	5	Fruit bearing tree, attracts birds	
3	Indian	beech	Pongami	ia Pinnata	5	0	Good medicinal use	
4	Rakta K	Kanchan	Bauhinia	ı Purpuria	5	0	Fragrant flowers or leaves, plant for pooja, evergreen tree	
5	Sono	chafa	Michellia	a Chamapaka 55		5	Flower butterfly host plant, medium size evergreen tree, fragrant yellow flowers	
6	Ja	rul	Lager: Flosi	stromia regina 30		0	Creates shade, attracts birds/ butterflies/ bees, good for screening	
7	Shi	rish	Albizia	Lebbeck	4	0	Fragrant flowers or leaves, attracts birds/ butterflies/ bees, drought tolerant	
8	Ma	ngo	Mangife	era Indica	7	5	Tall evergreen tree with fruit bearing	
9	Jack	fruit	Artoo Hetero	carpus ophyllus	1	4	Tall evergreen tree with fruit bearing	
10	Jan	nun	Syzygiu	m Cumini	5	0	Tall evergreen tree with fruit bearing	
11	Sita A	Ashok	Saraca	a Indica	2.	5	Fragrant flowers or leaves, attracts birds/ butterflies/ bees, deep green, shiny foliage	
12	Palas Butea Mon		onosperma	4	0	Fragrant flowers or leaves, flowers covering the entire crow in plant for pooja		
45	.Total qua	ntity of plar	nts on grou	nd				
46.Num	nber and	list of s	hrubs an	d bushes	s species	to be pl	anted in the podium RG:	
Serial Number	Name C/C I			C/C Dista	nce		Area m2	
1		NA		NA			NA	
47.Energy								



		Source of p supply :	power	MSEDCL				
		During Cor Phase: (De Load)	nstruction emand	30 KW				
		DG set as back-up du construction	Power 1ring on phase	40 KVA				
		During Op phase (Cor load):	eration nnected	4379 KW				
Power requirement:		During Op phase (Der load):	eration nand	3892.4 KVA				
		Transform	er:	22KV/630 KV	VA - 7	' Nos		
		DG set as l back-up du operation	Power ıring phase:	Total DG pov Amenity is 3 Panel Total I So 1 no. of 6	wer co 23 KV DG po 2.5 kV	onsumption for residential buildings & Common VA So 2 no's of 200 kVA With AMF + Load Sharing wer consumption for commercial building is 47 KVA VA With AMF Panel		
		Fuel used:		Diesel				
		Details of I tension lin through th any:	high le passing le plot if	No				
		48.Ene	rgy savi	ng by non	<b>1-CO</b> ]	nventional method:		
1. Timers an 2. LED fittin	nd contactor ngs will be u	rs will be use sed for corri	d to switch o dors ,Lobbie	on / off commo s and commo	on are n area	a & external landscape and facade lighting. as.		
		49	9.Detail	calculatio	ons	& % of saving:		
Serial Number	Е	nergy Cons	ervation Mo	easures Saving %		Saving %		
1	Solar Wate	r Heating Sy Light fitti	stem + Sola ngs for PLO	r PV Panel + LED 16 %				
		50	.Details	of polluti	on c	control Systems		
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed		
Not applicable		Not	applicable			Not applicable		
Budgetary (Capital	allocation	Capital cos	st:	30.00 Lacs				
0&M	cost):	0 & M cos	t:	2.59 Lacs/Year				
51	.Enviro	onment	al Mar	nageme	nt j	plan Budgetary Allocation		
	9	a)	Construc	ction phas	se (v	with Break-up):		
Serial Number	rial Attributes Parar			neter		Total Cost per annum (Rs. In Lacs)		
1	1 Water Dust Sup		Dust Sup	opression		1.8		
2	Site Sanitation, Health Check Up & Safety Health &		& Safety		2.0			
3 Environmental Monitoring Air, Water, Noise Soil			0.86					
		b	) Operat	ion Phase	e (wi	ith Break-up):		

age of the set			Dr. Deepak G. Mhaisekan Chairman SEACIE
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Serial Number	Com	ponent	Descr	iption	Car	Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air, wate	r, Noise, Soi	l Post F Enviro Moni	Project onment toring		0.00			0.125	5
2	W	later	Rainwater	Rainwater Harvesting		44.00			1.54	
3	Was	tewater	Sewage T Pla	Freatmer ant	nt	239.98			31.05	5
4	Municipa	l Solid wast	e Solid Manag	waste jement		53.00			11.11	l
5	Pla	ntation	Lands	caping		30.00			3.00	
6	Eı	nergy	Energy	Savings		30.00			2.59	
51.S	torage	e of ch	emicals	(infl sub	lamab stanc	le/expl es)	osiv	/e/haz	zardou	s/toxic
Descri	ption	Status	Locatio	Location		Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	Not applicable		Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her Inf	ormation	1			
No Informa	tion Availa	ble								
			53.	Traffi	c Mana	gement				
		Nos. of t to the m design o confluen	he junction ain road & f .ce:	NA						
		Number basemen	and area of it:	8 Nos.,	Area = 33	706.728				
		Number podia:	and area of	N.A.						
		Total Pa	rking area:	947 x 1	2.5 + 198	5 x 2.0 + 198	35 x 0.	5 = 1680	0 sq. m.	
		Area per	car:	Open : 12.5 sq. mt., Covered : 12.5 sq. mt.						
		Area per	car:	Open : 12.5 sq. mt., Covered : 12.5 sq. mt.						
Parking	Parking details: Number of 2- Wheelers as approved by competent authority:		of 2- s as l by nt y:	1985 N	los.					
	Number of 4- Wheelers as approved by competent authority:		947 No	os.						
		Public T	ransport:	Availab	ole Near to	site				
		Width of roads (m	all Internal	6.0 mt.						



	CRZ/ RRZ clearance			
	obtain, if any:	NA		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NO		
	Category as per schedule of EIA Notification sheet	B1		
	Court cases pending if any	NO		
	Other Relevant Informations	NA		
	Have you previously submitted Application online on MOEF Website.	No		A
	Date of online submission	-		
SEAC	DISCUSSION	<b>ON ENVIRONME</b>	ENTAL	ASPECTS
Environmental Impacts of the project	-	0		
Water Budget	-			
Waste Water Treatment	-			
Drainage pattern of the project	-			
Ground water parameters	-	2		
Solid Waste Management	-			
Air Quality & Noise Level issues	-			
<b>Energy Management</b>				
Traffic circulation system and risk assessment				
Landscape Plan	2			
Disaster management system and risk assessment	-			
Socioeconomic impact assessment	-			
Environmental Management Plan	-			
Any other issues related to environmental sustainability	-			
	Brief informa	tion of the projec	et by SI	EAC
				- intel a
agaomess				Dr. Deepak G. Mhalsekan Chairman SEACIII

Abhay Pimparkar (Secretary SEAC-III) PP Mr. Abhijit J. Majumdar was present during the meeting along with environmental consultant M/s. Goldfinch Engineering System Private Limited

It is noted that, the PP has submitted the application for prior Environmental clearance for total plot area of 59400.000 m2, FSI area of 149858.307 m2, Non FSI area of 101592.579m2 and total BUA of 251450.886 m2.

PP stated that, they have got the independent permissions from local planning authority for the 6 buildings- CD Wing for total built up area 16469.405sq.mt, GH Wing for total built up area 16122.146sq.mt, IJ Wing for total built up area 17184.084sq.mt, KL Wing for total built up area 19951.544sq.mt, EF Wing for total built up area 18605.439sq.mt, AB Wing for total built up area 17620.343sq.mt. Each building has total built up area below 20,000sq.mt. PP further stated that, they want to provide some common facilities collectively for all buildings. Hence, in totality the project area become more than 1,50,000Sq.mt. Considering the total built up area, PP has applied for Environment Clearance. PP stated that, they have already constructed the 18,657.168sq.mt as per earlier sanctions which is below 20,000sq.mt.

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**

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

**Specific Conditions by SEAC:** 

**1)** PP to edit the CS, as per the corrected figures presented before committee.

2) PP to submit the revised traffic study considering the junctions also.

3) PP to ensure that, there should be smooth fire tender movement all around the project.

**4)** PP to submit the detail landscape plan showing the all proposed tree plantation (number of trees, their position & distance).

**5)** PP to provide minimum 25 % of total parking arrangement with electric charging facility by providing charging points at suitable places.

## FINAL RECOMMENDATION

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



#### SEAC Meeting number: 122 Meeting Date August 23, 2021

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

Is a Violation Case: No								
1.Name of Project	Proposed Construction of 672 Residential Quarters For S.P. Satara.							
2.Type of institution	Government							
3.Name of Project Proponent	Maharashtra State Police Housing and Welfare Corporation Limited. Mumbai							
4.Name of Consultant	Fine Envirotech Engineers							
5.Type of project	Housing project							
6.New project/expansion in existing project/modernization/diversification in existing project	New project							
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	JA							
8.Location of the project	C.S. No. 92 and 197 (286 Old) , Peth Malhar (Superintendent Of Police Head Quarters) Satara, Dist. Satara.							
9.Taluka	Satara							
10.Village	NA							
Correspondence Name:	Maharashtra State Police Housing and Welfare Corporation Limited. Mumbai.							
Room Number:	Plot No-89-89A							
Floor:	NA							
Building Name:	Maharashtra State Police Housing and Welfare Corporation Limited. Mumbai.							
Road/Street Name:	Sir Pochkhanwala Road							
Locality:	Near Police Officers, Mess Worli.							
City:	Mumbai							
11.Whether in Corporation / Municipal / other area	Satara Municipal Council, Satara							
	Building Permission obtained from Satara Nagar Parishad							
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: SANP/SHV/17/59201800000713 dated:2/4/2018							
	Approved Built-up Area: 52257.47							
13.Note on the initiated work (If applicable)	Not started							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA							
15.Total Plot Area (sq. m.)	66,532.60 sq.mt.							
16.Deductions	8,710.21 sq.mt.							
17.Net Plot area	57,822.39 sq.mt.							
	a) FSI area (sq. m.): 52,257.47 sq.mt							
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 2,532.72 sq.mt							
	c) Total BUA area (sq. m.): 54790.19							
	Approved FSI area (sq. m.): 52,257.47 sq.mt							
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 2,532.72 sq.mt							
	Date of Approval: 02-04-2018							
19.Total ground coverage (m2)	7,796.00 sq.mt.							
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	13.48 %							
21.Estimated cost of the project	158090000							

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	22.Number of buildings & its configuration									
Serial number	Buildin	ig Name & i	umber	Nu	mber of floors		Height of the building (Mtrs)			
1	Ту	pe -II (12 no	s.)		Stilt +7		24			
2	Reading R	oom and Libı	rary (1 no.)		Ground		5			
3	Sit	e Office (1 no	os.)		Ground		4			
23.Number tenants an	r of d shops	Residential	Residential Tenements- 672 nos.							
24.Number expected r users	r of esidents /	Residents -	Residents - 3360 nos.							
25.Tenant density per hectare 300 nos.										
26.Height building(s)	of the )									
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)							00			
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9.00 m Wide	<del>.</del>		,000					
29.Existing structure (	g (s) if any	Existing str 6,74/ 7,74/ 9 21,74/ 22,74 Shodhak Pa	ucture-35 nc 9,74/ 10,74/ 4/ 23,74/ 24, thak, Dog Sl	os. [Plot No.( 11,74/ 12,74 74/ 25,74/ 20 hed, Rest Ro	92 and 197(Old28 / 13,74/ 14,74/ 15 5,74/ 63,74/ 72,74 om, Mess, Store I	86), Quar 5,74/ 16,7 4/ 81), Po Room, Ga	ters-(74/ 2, 74/ 3,74/ 4,74/ 5, 74/ 74/ 17,74/ 18,74/ 19,74/ 20,74/ blice Hospital, Toilet Blocks, Bomb arbage Basin,Shed,15)			
30.Details demolition disposal (I applicable)	of the with f	The quantity this quantity Stone will b authorized I	y for disman y approx .44 e recovered ocations.	tling of ston 00.00 Cum s from contra	e masonry and ot tone will be reuse ctor. Remaining 3	her struc ed onsite 3500 Cun	tures is 11,700.00 Cum. Out of and cost of approx. 3800.00 Cum n of debris will be disposed off at			
		7	31.P	Product	ion Detai	ls				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (M	Т/М)	Total (MT/M)			
1	Not apj	plicable	Not app	plicable	Not applical	ble	Not applicable			
		3	2.Tota	l Wate	r Require	ment	t			



		Source of	water	Satara Mun	icipal Counc	il, Satara.						
		Fresh wate	er (CMD):	302								
		Recycled w Flushing (	vater - CMD):	151								
		Recycled w Gardening	vater - (CMD):	36								
		Swimming make up (	pool Cum):	NA								
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	489								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Nil								
		Fire fightin Overhead tank(CMD)	ng - water ):	Type II (12 nos )-25 Cum each - Total 300 Cum								
		Excess trea	ated water	66				*				
		Source of	water	Satara Mun	icipal Counc	il, Satara.						
		Fresh wate	er (CMD):	302								
		Recycled w Flushing (	vater - CMD):	151								
		Recycled w Gardening	vater - (CMD):	Nil								
		Swimming make up (	pool Cum):	NA								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	453								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Nil								
		Fire fightin Overhead tank(CMD	ng - water ):	Type II (12	Type II (12 nos )-25 Cum each - Total 300 Cum							
		Excess trea	ated water	102								
Details of pool (If an	Swimming y)	NA	•									
		3	3.Detail	s of Tota	l water o	onsume	d					
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)		Ef	fluent (CM	D)			
Water Require ment	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			



	Level of the Ground water table:	35 m							
	Size and no of RWH tank(s) and Quantity:	Nil							
	Location of the RWH tank(s):	NA							
34.Rain Water Harvesting	Quantity of recharge pits:	13 nos.							
(RWH)	Size of recharge pits :	2 m x 2 m							
	Budgetary allocation (Capital cost) :	7 Lakhs							
	Budgetary allocation (O & M cost) :	0.25 Lakh /year							
	Details of UGT tanks if any :	Type II (6 nos) -347.5 cum Type II (6 nos) -347.5 cum							
	Natural water drainage pattern:	Rectangular							
drainage	Quantity of storm water:	428 m3/day							
	Size of SWD:	600 mm Width Truff Gutter							
	Sewage generation in KLD:	362 kld							
	STP technology:	Green Sewage Treatment Plant							
Sewage and	Capacity of STP (CMD):	1no. of STP of capacity 365 kld							
Waste water	Location & area of the STP:	Location of STP-Ground and area of STP is 480 sq.mt.							
	Budgetary allocation (Capital cost):	89.76 Lakhs							
	Budgetary allocation (O & M cost):	4.00 Lakhs /year							
	36.Soli	d waste Management							
Waste generation in the Pre Construction	Waste generation:	Waste will be generated during excavation and other construction activities							
and Construction phase:	Disposal of the construction waste debris:	Excavated materials shall be used for backfilling, leveling and remaining will be disposed by handed over to authorized contractor.							
	Dry waste:	672 kg/day							
	Wet waste:	1008 kg/day							
Waste generation	Hazardous waste:	NA							
in the operation Phase:	Biomedical waste (If applicable):	NA							
	STP Sludge (Dry sludge):	11 kg							
	Others if any:	NA							



		Dry wast	Ð:		Dry wastes will be handed over to authorized agency/recycler							
		Wet wast	e:		Wet waste generated s	will be shall be	proce e used	ssed in for ga	n the c rdenii	organio ng pur	c waste poses	e converter and manure
Mode of	Dienosal	Hazardo	ıs wast	e:	NA							
of waste:	Disposai	Biomedic applicab	al was e):	te (If	NA							
		STP Slud sludge):	ge (Dr	y	Used as manure for gardening							
Others if any:					NA							
		Location	(s):		Ground							
Area for of waste material:		the sto & othe	rage r	464 sq.mt								
		Area for	machin	ery:	185 sq.mt							
Budgetary	allocation	Capital c	ost:		15 Lakhs							
O&M cost)	:	0 & M co	st:		3 Lakhs / ye	ear					V	×
			3	87.Ef	fluent C	hare	cter	estic	S			
Serial Number	Paran	neters	U	nit	Inlet E Charect	Effluen teresti	t cs	O Cł	utlet 1 narect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	plicable	N appli	lot icable	Not ap	plicabl	e	N	lot apj	plicabl	e	Not applicable
Amount of e (CMD):	Imount of effluent generation CMD): Not applicable											
Capacity of the ETP: Not applica					ble							
Amount of treated effluent not applicable												
Amount of v	lble	7										
Membership of CETP (if require): Not applicable												
Note on ET	P technology	v to be used	l Not a	applica	ble							
Disposal of	the ETP sluc	lge	Not a	applica	ble							
			3	8.Ha	zardous	Was	te D	etai	ls	1		
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1	Not app	plicable	N appli	ot cable	Not applicable	No applio	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
			r.	<b>39.S</b> 1	tacks em	issio	n D	etail	5			
Serial Number	Section	& units	F	uel Us Qua	ed with ntity	Stack	x No.	Hei fro gro level	ght om und (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1	Not apj	plicable	1	Not apj	plicable	No applio	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
			4	0.De	tails of H	<b>uel</b> 1	to be	e use	ed			
Serial Number	Тур	e of Fuel			Existing			Prop	osed			Total
1	Not	applicable		Ν	Not applicabl	le	Ν	lot app	olicabl	е		Not applicable
41.Source of	of Fuel			Not a	pplicable							
42.Mode of	Transportat	ion of fuel	to site	Not a	pplicable							
Abhay Pimp SEAC-III)	oarkar (Secre	etary SI	EAC Mee	eting N	lo: 122 Meet 23, 2021	ing Dat	te: Auį	gust	Pa	ge 15 of 102	Deep (Chai	ak Mhaisekar rman SEACIE

		Total RG a	rea :	7,200 sq.mt							
		No of trees :	to be cut	572 nos.	572 nos.						
43.Green Belt Development List of pr native tree Timeline completion plantation		Number of be planted	trees to :	768 nos.							
		List of prop native trees	List of proposed Native trees :		Karanj, Apta, Kadamb, Bahava, Sita Ashoka, Bakul, Shirish, Neem, Mango, Son Chapa						
		Timeline for completion plantation	or of :	2 Year							
44.Number and list of trees species to be planted in the ground											
Serial Number	Name of	the plant	Commo	n Name	Quantity		Characteristics & ecological importance				
1	Pongami	a pinnata	Kaı	ranj	60 r	10S.	Shady tree				
2	Bauhinia racemosa		Aŗ	ota	80 nos.		Small tree with small white flowers, Butterfly host plant				
3	Anthocephallus cadamba		Kad	Kadamb		10S.	Shady, large tree with ball shaped flowers				
4	Cassia fistula		Bahava		80 nos.		Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant				
5	Saraca	a asoka	Sita A	Ashok	150 :	nos.	Shady tree with red-yellow flowers				
6	Mimuso	ps elengi	Ba	kul	80 nos.		Shady tree, small white fragrant flowers				
7	Albizia	lebbeck	Shi	rish	75 r	10S.	Shady tree, yellowish green fragrant flowers				
8	Azadirac	cta indica	Ne	em	46 r	10S.	Large tree, good for roadside plantation				
9	Magnife	ra indica	Ma	ngo	57 n	10S.	Fruits bearing tree				
10	Michalia	champaca	Son o	chapa	80 r	10S.	Medium sized evergreen tree				
45	.Total qua	ntity of plan	ts on grou	nd							
46.Num	nber and	list of sh	rubs an	d bushes	species	to be pla	anted in the podium RG:				
Serial Number	r Name			C/C Dista	nce		Area m2				
1		NA		NA			NA				
				<b>47.</b> Er	nergy						



		Source of supply :	power	MSEDCL	MSEDCL					
		During Co Phase: (De Load)	nstruction emand	25 KW						
		DG set as back-up d constructi	Power uring on phase	30 KVA	30 KVA					
Power requirement:		During Op phase (Cor load):	eration nnected	1721 KW						
		During Op phase (De load):	eration mand	1204 KW						
		Transform	er:	3 nos of 63	0 KVA					
		DG set as back-up d operation	Power uring phase:	2 DG set of	capaci	ity 140 KVA		A		
		Fuel used:		Diesel						
		Details of tension lin through th any:	high 1e passing 1e plot if	NA	NA					
		48.Ene	ergy savi	ng by no	n-co	nvention	al metho	od:		
1. Using LE 2. Using LE 3. Using On 4. Using LE	<ol> <li>Using LED fixture in parking area, lift- lobby and staircase.</li> <li>Using LED in place of Metal Halide in external lights.</li> <li>Using On Grid Solar generation for each building.</li> <li>Using LED fixture in all the internal toilet area.</li> </ol>									
		4	9.Detail	calculati	lons	& % of s	aving:			
Serial Number	Е	nergy Cons	ervation M	easures			Sa	aving %		
1	Using LE staircase external li each build	2D fixture in e. Using LED ights. Using ling. Using I to	parking area ) in place of I On Grid Sola .ED fixture in ilet area.	n, lift- lobby and Metal Halide in ar generation for 7 n all the internal						
		50	.Details	of pollut	ion c	ontrol S	ystems			
Source	Ex	isting pollu	ition contro	l system			Proposed	to be installed		
Not applicable		Not	applicable				Not	applicable		
Budgetary	allocation	Capital co	st:	104 Lakhs						
O&M	cost):	O & M cos	t:	3.53 Lakhs						
51	.Enviro	onment	tal Mar	nageme	ent i	olan Bu	udgetai	ry Allocation		
		a)	Construe	ction pha	nse (v	with Bre	ak-up):			
Serial Number	Attri	butes	Parai	neter		Total	Cost per an	num (Rs. In Lacs)		
1	Site S	Safety	Barricadin suppr	g and dust ession			ç	)		
2	Sanitary f waste manag	acility and water gement	Wa	iter	18					
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3	Solio mana	d waste agement	Solid	waste		15						
4	4 Occupation health and safety			Health checkup of workers, disinfection at site, first aid facility, personal protective equipment			10					
5	Enviro Mor	onmental hitoring	Air, Nois Biolo	Air, Noise, Water, Biological					07			
			b) Operat	ion P	hase	se (with Break-up):						
Serial Number	Com	ponent	Descr	iption	(	Capi	tal cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Sewage p	treatment lant	1 no. of capacity	f STP of 7 365 kld	1		89.76			4.0		
2	Rain Wate Sy	er Harvestin østem	g Rechar	rge pits			7			0.25		
3	Solio Mana	d Waste agement	OWC, Man colored	OWC, Manpower and colored dustbins			15			3.0		
4	Gre Deve	en Belt lopment	Landscapin plant	Landscaping and tree plantation			20	C		3		
5	Energ Me	y Saving asures	LED lights : area ligh using on gener	LED lights for common area lighting and using on grid solar generation		104			9	3.53		
51.S	torage	e of ch	emicals	(infl sub	lama star	abl nce	e/explo s)	osiv	/e/haz	zardou	s/toxic	
Descri	Description		Locatio	Location		age city AT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	able	Not applica	ot cable	Not applicable	Not a	pplicable	Not applicable	Not applicable	
			52.A	ny Ot	her I	Info	rmation	1				
No Informa	tion Availa	ble										
			53.	Traffi	c Ma	anag	gement					
	Nos. of the junction to the main road & design of confluence: 4 nos.											



	Number and area of basement:	NA						
	Number and area of podia:	NA						
Parking details:	Total Parking area:	6213 sq.mt.						
	Area per car:	27.25 sq.mt.						
	Area per car:	27.25 sq.mt.						
	Number of 2- Wheelers as approved by competent authority:	684 nos.						
	Number of 4- Wheelers as approved by competent authority:	228 nos.						
	Public Transport:	NA						
	Width of all Internal roads (m):	12m , 9m, 6m						
	CRZ/ RRZ clearance obtain, if any:	NA						
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA						
	Category as per schedule of EIA Notification sheet	8 (a) -B2 Category						
	Court cases pending if any	NA						
	Other Relevant Informations	NA						
	Have you previously submitted Application online on MOEF Website.	No						
	Date of online submission	-						
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS						
5	Summorised i	n brief information of Project as below.						
	Brief informa	tion of the project by SEAC						



I

Representative of PP Mrs Mane, Maharashtra State Police Housing and Welfare Corporation Limited was present during the meeting along with environmental consultant M/s. Fine Envirotech Engineers

It is noted that, the PP has submitted the application for prior Environmental clearance for total plot area of 66,532.60 m2, FSI area of 52,257.47 m2, Non FSI area of 2,532.72 m2 and total BUA of 54790.19 m2.

PP & Environment consultant stated that the project under consideration is the government project of providing residential quarters for the police. PP further stated that, they have already completed the RCC work of the entire project without prior Environment Clearance, which is prima facie violation of the EIA Notification, 2006. Considering the above, committee decided to refer the matter to SEIAA for further necessary direction.

# **DECISION OF SEAC**

PP & Environment consultant stated that the project under consideration is the government project of providing residential quarters for the police. PP further stated that, they have already completed the RCC work of the entire project without prior Environment Clearance, which is prima facie violation of the EIA Notification, 2006. Considering the above, committee decided to refer the matter to SEIAA for further necessary direction.

**Specific Conditions by SEAC:** 

Sile

# FINAL RECOMMENDATION

Kindly find SEAC decision above.

 Abhay Pimparkar (Secretary SEAC Meeting No: 122 Meeting Date: August 23, 2021
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 Deepak Mhaisekar (Chairman SEAC-III)

#### SEAC Meeting number: 122 Meeting Date August 23, 2021

**Subject:** Environment Clearance for Application for Environmental clearance for expansion of of residential cum commercial construction project

Is a Violation Case: No								
1.Name of Project	Three Jewel							
2.Type of institution	Private							
3.Name of Project Proponent	Jairaj Developers Unit 11							
4.Name of Consultant	Not appointed Yet							
5.Type of project	Housing project							
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion							
7.If expansion/diversification,         whether environmental clearance         has been obtained for existing         project    Yes environmental clearance obtained earlier vide no. SEAC 2014/CR-127/TC-3 dated 1/4/2								
8.Location of the project	S. No. 43/1B/44/45/A plot No. 2							
9.Taluka	Haveli							
10.Village	Kondhwa							
Correspondence Name:	Jairaj Developers Unit 11							
Room Number:	0							
Floor:	2							
Building Name:	City point							
Road/Street Name:	Dhole Patil Road							
Locality:	Camp							
City:	Pune							
11.Whether in Corporation / Municipal / other area	РМС							
12.IOD/IOA/Concession/Plan Approval Number	Obtained IOD/IOA/Concession/Plan Approval Number: 0046/18 Approved Built-up Area: 167900							
13.Note on the initiated work (If applicable)	Phase I is complete. Phase II under construction							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA							
15.Total Plot Area (sq. m.)	56300							
16.Deductions	6992							
17.Net Plot area	49308							
	a) FSI area (sq. m.): 84403.12							
Non-FSI)	b) Non FSI area (sq. m.): 83497.30							
	c) Total BUA area (sq. m.): 167900							
	Approved FSI area (sq. m.): 84403.12							
DCR	Approved Non FSI area (sq. m.): 83497.30							
	Date of Approval: 05-04-2018							
19.Total ground coverage (m2)	8579.04 sqm							
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	17.37 %							
21.Estimated cost of the project	565341291							

## 22.Number of buildings & its configuration



Serial number	Buildin	g Name & 1	number	Nun	nber of floors	H	eight of the building (Mtrs)				
1		Wing A			P +P+14		46.40				
2		Wing B			P +P+14		46.40				
3		Wing C			P +P+14	46.40					
4		Wing D			P+14	43.50					
5		Wing E			P+14	43.50					
6		Wing F			P+14	43.50					
7		Wing G			P+14		43.50				
8		Wing H			P+14		43.50				
9		Wing I			P +P+15		49.30				
10		Wing J			P +P+16		52.80				
11		Wing K			P+16		49.63				
12		Wing L			P +P+16		52.80				
13		Wing M			P+16		49.63				
14		Wing N			P +15		46.73				
15		Wing O			P +15		46.73				
16	She	opping Build	ing		G + 0		4.35				
17		Club House G +1 7.90									
18	Multipur	rpose Hall - Upashray G +1 7.90									
23.Number tenants an	r of d shops	1572 tenements and shops									
24.Number expected r users	r of esidents /	of sidents / Residential 7860 , commercial: 322									
25.Tenant per hectar	<b>density</b> e	250 ha as p	er DCR	Ŋ.							
26.Height building(s)	of the )										
27.Right o (Width of the from	f way the road earest fire the puilding(s)	24 m and 1	B m								
28.Turning for easy ac fire tender movement around the excluding for the pla	ing radius access of ler ent from all 9 m the building ing the width										
29.Existing structure (	J (s) if any	Wing A to F	I, club house and	shops ar	e completed						
30.Details demolition disposal (I applicable	s of the on with (If e)										
			31.Pro	ducti	on Details						
Serial Number	Pro	duct	Existing (MT	[/ <b>M</b> )	Proposed (MT/M	[)	Total (MT/M)				

approximess?			Dr. Deepak G. Mhaisekan Chaiseman SEACII
Abhay Pimparkar (Secretary	SEAC Meeting No: 122 Meeting Date: August	Page 22	Deepak Mhaisekar
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1	Not app	licable Not applicable Not applicable Not applicable									
		32	2.Tota	l Water	Requir	emen	t				
		Source of wa	ater	PMC							
		Fresh water	(CMD):	715 Kl							
		Recycled wa Flushing (C	iter - MD):	360 Kl							
		Recycled wa Gardening (	iter - CMD):	42 Kl							
		Swimming p make up (Cu	oool um):	17 KL							
Dry season:		Total Water Requiremen :	t (CMD)	1117 Kl	1117 KI						
		Fire fighting Undergroun tank(CMD):	g - Id water	550 Kl for Phase I and 700 KL for Phase II							
		Fire fighting Overhead wa tank(CMD):	g - ater	20,000 lit pe	er building		0				
		Excess treat	ed water	534			3				
Source of water			ater	PMC							
		Fresh water	(CMD):	715 Kl							
		Recycled wa Flushing (C	ter - MD):	36 KL							
		Recycled wa Gardening (	ter - CMD):	Nil							
		Swimming p make up (Cu	oool um):	17KL							
Wet seaso	<b>n:</b>	Total Water Requiremen :	t (CMD)	1075 Kl							
		Fire fighting Undergroun tank(CMD):	g - d water	550 Kl for Phase I and 700 KL for Phase II							
		Fire fighting Overhead wa tank(CMD):	g - ater	20,000 lit pe	er building						
		Excess treat	ed water	576							
Dotails of (	Swimming	Swimming po Vol 324 Cum Make up wat	ool area is 2 er 16.20 Ci	270 Sq. mtr if um	f depth of 1.2 r	ntr consid	ered				
pool (If an	y)	Baby pool area is 44 Sq. mtr if depth of 0.75 mtr considered Vol 26 Cum Make up water 1.32 Cum Total 17.52 Cum									
		33	B.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	sumption (CM	1D)	I	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		

age of the set			Dr. Deepat G. Mhaisekan Chaiseman SEACIII
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Domestic	365	350	715	36	35	71	329	315	644		
		Level of the o water table:	Ground	9 m							
		Size and no c tank(s) and Quantity:	of RWH	NA	NA						
		Location of t tank(s):	he RWH	NA							
		Quantity of r pits:	echarge	10							
		Size of recha :	rge pits	2 m X 2 m X 2 M							
		Budgetary al (Capital cost	location ) :	25 lakhs				6			
34.Rain V	Water	Budgetary al (O & M cost)	location :	1.75 lakhs p	).a.						
(RWH)	ng	Details of UG if any :	T tanks	UGT Compartment Sr. no. Capa. In Lit. 1.5 Day capacity UGR-1 Phase I Residential + commercial Bldg 1 Drinking 101475 101500 2 Domestic (Res.) 370100 3 Domestic (Comm,) 4569 4 Raw (Common for Res.+ Comm.) 124890 5 Fire Fighting (Common for Res.+ Comm.) 550000 UGR-2 Phase II 1 Drinking 76815 2 Domestic (Res.) 280549 3 Raw ( Res.) 93516 4 Fire Fighting Res.) 700000 Total 1150880							
25.01		Natural wate drainage pat	r tern:	As per conto	our						
drainage	water	Quantity of s water:	torm	36.98 m3/min							
	1	Size of SWD:		900 mm							
	GY	Sewage gene in KLD:	ration	1004							
		STP technolo	ogy:	FAB							
Sowago	and	Capacity of S (CMD):	TP	1043 KLD							
Waste w	vater	Location & a the STP:	rea of	As per layou	ıt						
		Budgetary al (Capital cost	location ):	217 lakhs							
Budgetary allocation (O & M cost): 3.80 /- lakhs p.a											
		36	<b>Soli</b>	d waste	Manag	emen	t				

agentiness	
Abhay Pimparkar (Secreta SEAC-III)	ry

Dr. Deepak G. Mhaisekan Chairman SEACIT

Waste generation in Was		Waste gen	eration:	1 %					
the Pre Co and Constr phase:	nstruction ruction	Disposal of construction debris:	f the on waste	As filling material on sa	me site				
		Dry waste:		1620 kg/day					
		Wet waste	:	2390 kg/day					
Waste ge	neration	Hazardous	waste:	NA					
in the op Phase:	eration	Biomedical waste (If applicable):		NA					
		STP Sludge sludge):	e (Dry	100 kg/day					
Others if a			ny:	E waste: 4252 kg/year					
		Dry waste:		Through authorized ven	dor				
		Wet waste	:	mechanical composter					
		Hazardous	waste:	NA					
Mode of Disposal of waste:Biom appliSTP sludg		Biomedica applicable	l waste (If ):	NA					
		STP Sludge (Dry sludge):		used as manure after O	WC treatment				
		Others if a	ny:	E - waste: Through auth	orized vendor				
		Location(s	):	As per layout					
Area Are requirement: Are		Area for th of waste & material:	e storage other	31.40 sqm					
Area for m		Area for m	achinery:	68.25 sqm					
Budgetary	allocation	Capital cos	st:	34/- lakhs					
(Capital co O&M cost)	st and :	O & M cost	t:	10 lakhs p.a.					
			37.Ef	fluent Charecter	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	р	Н	Not applicable	7 - 7.5	6.5 - 7.5	Not applicable			
2	Total Suspe	ended solids	mg/l	200 - 300	<10	Not to exceed 50 mg/l			
3	Total Oil	& Grease	mg/l	10	<5	Not applicable			
4	BOD @3 degr	days 27 ree C	mg/l	200 - 300	<10	Not to exceed 10 mg/l			
5	CC	DD	mg/l	350 - 400	<50	Not to exceed 100 mg/l			
6	TI	DS	mg/l		<1000	Not applicable			
7	Total N	itrogen	mg/l	40 - 50	<10	Not applicable			
8	Ammonica	ll Nitrogen	mg/l		<1	Not applicable			
9	Phosphates mg/l			5 - 7	<2	Not applicable			
10	Phosp	ohates	mg/l	5 - 7	<2	Not applicable			
Amount of e (CMD):	effluent gene	eration	Not applica	able					
Capacity of	the ETP:		Not applica	ble					
Amount of t recycled :	reated efflue	ent	Not applica	ble					

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Amount of v	water send to	o the CETP:	Not applicable							
Membershi	p of CETP (if	f require):	Not applicable							
Note on ET	P technology	v to be used	Not applicable							
Disposal of	the ETP sluc	lge	Not applica	able						
			38.Ha	azardous	Was	te D	etails			
Serial Number	Descr	iption	Cat	Cat UOM Existing Proposed Total Method of Disposal						
1	Not apj	plicable	Not applicable	Not applicable	N appli	ot cable	Not applicable	Not applicable	Not applicable	
			<b>39.S</b>	tacks em	issio	n De	etails			
Serial Number	Section	& units	Fuel Used with Quantity		Stacl	« No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not apj	plicable	Not ap	plicable	N appli	ot cable	Not applicable	Not applicable	Not applicable	
			40.De	tails of <b>F</b>	<b>uel</b>	to be	e used			
Serial Number	Тур	e of Fuel	Existing				Proposed		Total	
1	Not applicable Not applica				e Not applicable Not applicable					
41.Source of	of Fuel		Not applicable							
42.Mode of	42.Mode of Transportation of fuel to site Not applicable									
		Total RG a	rea :	6992 sqm						
		No of trees	s to be cut	NA						
43.Gree	n Belt	Number of be planted	trees to 705							
Develop	ment	List of pro native tree	posed All are native plants							
		Timeline f completion plantation	or n of :	r of one year						
	<b>44.Nu</b>	mber and	l list of t	trees spe	cies	to b	e planteo	d in the g	ground	
Serial Number	Name of	the plant	Commo	on Name		Qua	ntity	Characte	eristics & ecological importance	
1	Syzygiur	n cumini	Jam/Ja	ambhul		1	7	Fruit bear	ring tree,attracts birds	
2	Anthocekada	ephallus Imba	Kada	amba		3	3	Medicin erosion, U	al value, control soil Jsed in preparartion of perfumes	
3	Artho hetero	capus phyllus	Phanus			1	3	Fruit bearing tree		
4 Cassia fistula		Bal	Bahava		45 Medicinal value- is wid tonic that helps in reduct Drought tolerant speci ornamental, Well flower Honey bee attracting spe plant for Butterf		l value- is widely used helps in reducing fever., tolerant species, Very l, Well flowering plant, attracting species, Host int for Butterfly			
5	Cartica	papaya	Pap	baya		1	7	Fruit Bearing Tree		

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6	Lagerstroemia flosregineae	Tamhan	7:	3	Medicinal use in diabetes and kidney diseases, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly
7	Annona reticulata	Ramphal	18		Fruit Bearing Tree
8	Murraya paniculata	Kunti	23	3	Medicinal use - It is valued especially for its essential oil and used in medicine as an analgesic.
9	Michelia champka	Son chafa	43		Medicinal value- Its flowers and stem bark are useful in diabetes, quick wound healing, cardiac disorders, gout, dysuria and more., Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing
10	Khaya grandis	Khaya	32	2	Fruit bearing Tree, shady, deciduous
11	Pongamia pinnata	Karanj	25		Medicinal plant Drought tolerant control soil erosion, Medicinal use - Today the oil is used as a liniment for rheumatism. Leaves are active against Micrococcus; their juice is used for colds, coughs, diarrhea, dyspepsia, flatulence, gonorrhea, and leprosy. Roots are used for cleaning gums, teeth, and ulcers.
12	Saraca asoka	Sita ashoka	34		Important Ayurvedic plant
13	Magnifera indica	Mango	17		Fruit bearing tree, attracts birds
14	Acrus sapota	Chikoo	16		Fruit bearing tree
15	Mutingia calabura	Singapore Cherry	2.	5	Fast groeing, medium size, fruit bearing ,attracts birds
16	Aegel mamelos	Bel	1	5	It is larval host for butterflies
17	Limonia aciddissima	Kawath	1	ō	Have medicinal properties
18	Ailanthus excelsa	Maharukh	2	7	Deciduous quick growing shady
19	Supari Plam	Supari	1	6	Fruit bearing tree
20	Albezzia lebbeck	Shirish	2'	7	Quick growing hardy good soil binder, drought tolerant
21	Foxtail Plam	Plam	3	8	Ornamentation plant
22	Cordia	Cordia	29	9	Fragrant flowers
45	5.Total quantity of plan	its on ground			
46.Nun	nber and list of sh	nrubs and bushes	s species	to be pla	anted in the podium RG:
Serial Number	Name	C/C Dista	ince		Area m2
1	Not applicable	Not applic	able		Not applicable
		47.E	nergy		



		Source of supply :	power	MSEDCL						
		During Co Phase: (De Load)	nstruction emand	45 KW						
		DG set as back-up d constructi	Power uring on phase	62.5 KVA						
Power requirement:		During Op phase (Co load):	eration nnected	? Phase -I -	5416 KW, 6770	KVA, ? Phase -	II - 3721 KW, 4651 KVA,			
		During Op phase (De load):	eration mand	? Phase -I -	3791 KW, 4738	KVA, ? Phase -	-II - 1747 KW, 2184 KVA			
		Transform	ier:	? Phase -I - 630 KVA x 7 Nos. + 315 KVA x 1 No. ? Phase -II - 630 F 3 Nos. + 315 KVA x 1 No.						
		DG set as back-up d operation	Power uring phase:	? Phase -I - 1 No.	250 KVA x 2 No	. + 125 KVA x	1 No. ? Phase -II - 250 KVA x			
		Fuel used:		Diesel						
		Details of tension lin through th any:	high 1e passing 1e plot if	NA						
	48.Energy saving by non-conventional method:									
? Using Sol. ? V3F drive ? As per MS principal, co ? Recomme ? Independe	ar system in is proposed SEDCL requi omply with E nd to attain ent Energy n	Common Ar for all lifts. rements, it i ECBC norms power factor neters for all	ea Lighting & s recommend c of the insta pollution co	& Street/ Lar ded to use lo llation near u ntrol equipm	ndscape lights w w loss Transforr unity. nents.	ith LED lamps ner. Losses for	Transformer shall, in			
		4	9.Detail	calculati	ons & % of	saving:				
Serial Number	Е	nergy Cons	ervation M	easures		Saving %				
1		Solar	Water heater	1825200 KWH/YR			200 KWH/YR			
2		Commo	n lighting LE	ED 39.51%						
		50	.Details	of pollut	ion control	Systems				
Source	Ex	isting pollu	ition contro	l system		Proposed	l to be installed			
Water			STP				STP			
Solid waste	5		OWC				OWC			
Noise due to DG set		acuos	tic enclosure	•		Acuos	tic enclosure			
Budgetary	allocation	Capital co	st:	46.80 lakhs						
(Capital O&M	cost and cost):	O & M cos	t:	2.32 /- lakh	s p.a.					
51	.Enviro	onment	tal Mar	nageme	ent plan I	Budgeta	rv Allocation			
	a) Construction phase (with Break up).									
Serial Number	Attri	butes	Para	neter	Tota	al Cost per an	num (Rs. In Lacs)			
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		Nos. of th to the ma design of confluence	e junction in road & ce:	1							
		11 0 -	53.	Traffi	c Mana	gement					
No Informa	tion Availa	ble									
			52.A	ny Ot	her Info	ormation	1				
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable	
Description Status		Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation		
51.S	torage	e of che	emicals	(infl sub	lamab stance	le/expl es)	osiv	e/haz	zardou	s/toxic	
8	tra	aining	awaren train	ess and ning		9.0 0				. /	
	me	asures	Fire fi	ghting		46.80			2.52		
6	Energy c	asures	Solar wat	er heate	er,	40.00			2.32		
5	Lan Energy o	dscape	maint	anace		46.90			10.00		
4	mana	agement	to final	to final disposal		25		10			
3	Solic man	u waste agment m water	segregatio	Segregation of waste		34		10			
2	Rain wate	er harvesting	Internal p with	iping, pi bore	its	25.00	-		1.75		
1	5	STP	Piping cost disposal treated	t upto fin of exces l water	nal s	217			3.73		
Serial Number	Com	ponent	Descr	iption	Сар	ital cost Rs Lacs	s. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
b) Operation Phase (with Break-up):											
5	Enviro	onmental nitoring	Air, noise i and wate anal	monitori r and so lysis	ing il			1.0			
4	Disinfect: che	ion & health eck up	medical c control fe car	amp, pe or labou mp	st r			2.0			
3	Site s	anitation	mobile to lab	oilets foi our	r	1.5					
2	Site	e safety	Net PEE f signs and l	for labou boards e	ıs, etc.			3.0			
1	Erosio	on control	Dust sup meas	pression sures	n			2.0			

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	Number and area of basement:	Nil				
Parking details:	Number and area of podia:	18570.54 sqm				
	Total Parking area:	58652 sqm				
	Area per car:	30 sqm				
	Area per car:	30 sqm				
	Number of 2- Wheelers as approved by competent authority:	3207				
	Number of 4- Wheelers as approved by competent authority:	1593				
	Public Transport:	NA				
	Width of all Internal roads (m):	NA				
	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	-				
	TOR 9	Suggested Cha	anges			
Consolidated Statement Point Number	Original Remarks		Submitted Changes			
03	Jayraj Developers Unit 11		Jayraj Developers Unit 11 through Snow Flower Properties Pvt. Ltd.			
04	Not Appointed Yet		SNEHA HI-TECH PRODUCTS, BANGALORE			
34	Size of recharge pit	ts- 2 m X 2 m X 2 m	Size of recharge pits- 2.5 m X 2.5 m X 2.5 m			
32	Details of Swimming Pool - Swimming pool area is 270 Sq.m if depth of 1.2m considered volume 324 cum Baby pool area is 44Sq.m if depth of 0.75m considered volume 26cum		Main pool area 157 Sq.m kids pool area 28 Sq.m			

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48	Power requirement- Connected Load- Ph I -5416KW,6770KVA. Ph II- 3721KW,4651 KVA, Demand Load- Ph I -3791KW ,4738KVA Ph II-1747KW, 2184 KVA	Power requirement - Connected Load-5605KW. Demand Load- 3730KVA					
48	Transformer- Ph I- 630KVA(7) + 315KVA (1) Ph II- 630 KVA (3)+ 315 KVA 1)	Transformer- 630KVA (6)					
48	DG Set Power back up during operation Phase- Ph I =250 KVA(2) + 125 KVA (1) PH II= 250KVA (1)	DG Set Power back up during operation Phase= 320 KVA (1), 125 KVA (1) 250 KVA (1)					
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS							
Environmental Impacts of the project	-						
Water Budget	-						
Waste Water Treatment	-						
Drainage pattern of the project	-						
Ground water parameters							
Solid Waste Management	-						
Air Quality & Noise Level issues	-						
<b>Energy Management</b>	-						
Traffic circulation system and risk assessment	-						
Landscape Plan	-						
Disaster management system and risk assessment	-						
Socioeconomic impact assessment	-						
Environmental Management Plan	-						
Any other issues related to environmental sustainability							
Brief information of the project by SEAC							



Representative of PP Mr. Vinayak jogdev was present during the meeting along with environmental consultant M/s. Sneha High Tech Products Banglore

It is noted that, the PP has submitted the application for prior Environmental clearance for total plot area of 56300 m2, FSI area of 84403.12 m2, Non FSI area of 83497.30 m2 and total BUA of 167900 m2.

PP stated that, they have received earlier EC vide letter dated 01/04/2008 and 2<sup>nd</sup> EC vide letter dated 01/04/2015 for total built up area 3,44,336.27sq.mt. PP further stated that, they have sub divided the plot, now the total built up area for the project is 1,67,900.42 sq.mt in which 1,65613.53 sq.mt already constructed as per earlier EC.

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**

PP & Environment consultant requested time for preparation, in view of above, the proposal is deferred and shall be considered afresh only after the compliance of above observations.

**Specific Conditions by SEAC:** 

SLAC

1) PP to submit detail architect certificate regarding the construction sanctioned as per EC, construction carried out & proposed expansion.

2) PP & environment consultant to certify that construction carried out on site is as per accorded EC, as complaint regarding violation is received.

# FINAL RECOMMENDATION

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



SEAC Meeting number: 122 Meeting Date August 23, 2021

Subject: Environment Clearance for Proposed Residential & Commercial Project

#### Is a Violation Case: No

1.Name of Project	Swapnalok Nagari					
2.Type of institution	Private					
3.Name of Project Proponent	Swapnalok Developers					
4.Name of Consultant	Mr. Rajesh Srivastava - Pollution and Ecology Control Services (PECS)					
5.Type of project	Residential & 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	S. No. 5/4/1 to 20 and 37/6, Tal. Bhor, Dist. Pune					
9.Taluka	Bhor					
10.Village	Bhor					
Correspondence Name:	Pankaj Krishnalal Parmar					
Room Number:	3					
Floor:	Ground Floor					
Building Name:	Balaji Niwas					
Road/Street Name:	Deep Bungalow Chowk Road					
Locality:	Model Colony, Shivajinagar					
City:	Pune					
11.Whether in Corporation / Municipal / other area	Bhor Nagarparishad					
	1205/18, Commencement Certificate No. 08/18-19					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: 1205/18					
	Approved Built-up Area: 31328.68					
13.Note on the initiated work (If applicable)	Construction of building no. 34 to 56, having FSI = 11628.66 sqm and Non-FSI = 1519.03 sqm i.e. Total Built-Up area = 13147.69 sqm, is completed.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable					
15.Total Plot Area (sq. m.)	51030 sqm					
16.Deductions	12785.90 sqm					
17.Net Plot area	38244.10 sqm					
	a) FSI area (sq. m.): 26954.10 sqm					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 4374.58 sqm					
	c) Total BUA area (sq. m.): 31328.68					
	Approved FSI area (sq. m.): 26954.10 sqm					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 4374.58 sqm					
	Date of Approval: 31-05-2018					
19.Total ground coverage (m2)	8484.34 sqm					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22 %					
21.Estimated cost of the project	478900000					
<b>33</b> NI	har of huildings fits configuration					

# 22.Number of buildings & its configuration

Serial number	Buildin	ıg Name & number	Number of floors		Height of the building (Mtrs)		
1		Building 34	G+2/P+3		11.75		
2		Building 35	G+2/P+3		11.75		
3		Building 36	G+2/P+3		11.75		
4		Building 37	G+2/P+3		11.75		
5		Building 38	G+2/P+3		11.75		
6		Building 39	G+2/P+3		11.75		
7		Building 40	G+2/P+3		11.75		
8		Building 41	G+2/P+3		11.75		
9		Building 42	G+2/P+3		11.75		
10		Building 43	G+2/P+3		11.75		
11		Building 44	G+2/P+3		11.75		
12		Building 45	G+2/P+3		11.75		
13		Building 46	G+2/P+3		11.75		
14		Building 47	G+2/P+3		11.75		
15		Building 48	G+2/P+3		11.75		
16		Building 49	G+2/P+3		11.75		
17		Building 50	G+2/P+3	3	11.75		
18		Building 51	G+2/P+3		11.75		
19		Building 52	G+2/P+3		11.75		
20		Building 53	G+2/P+3		11.75		
21		Building 54	G+2/P+3		11.75		
22		Building 55	G+2/P+3		11.75		
23		Building 56	G+2/P+3		11.75		
24		Building 1	G+4		14.95		
25		Building 2	G+4		14.95		
26		Building 3	P+4		14.95		
27		Building 4	P+4		14.95		
28		Building 5	P+4		14.95		
29		Building 6	P+4		14.95		
30	-	Building 7	P+4		14.95		
31	Comme	rcial Building Type E	G+2		9.45		
23.Number tenants an	r of d shops	No. of Tenements - 612 No. of Shops - 70 No. of Offices - 38					
24.Number expected r users	r of esidents /	Residential Users - 306	0 nos. Commercial Users - 456 no	s.			
25.Tenant per hectar	density e	160					
26.Height building(s)	of the						
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	9 m					
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28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation9 m							
29.Existing structure (	J s) if any	Constructio i.e. Total Bu	n of building uilt-Up area =	g no. 34 to 56 = 13147.69 s	6, having FSI = 11628.66 5qm, is completed.	sqm anf Non-FSI = 1519.03 sqm	
30.Details demolition disposal (I applicable)	of the with f	Not applicable					
			31.P	roduct	ion Details		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)	
1	Not apj	plicable	Not apj	plicable	Not applicable	Not applicable	
		3	2.Tota	l Wate	r <b>Requiremen</b>	t	
		Source of	water	Bhor Nagar	parishad		
		Fresh water (CMD):		284 KLD			
		Recycled water - Flushing (CMD):		148 KLD			
		Recycled water - Gardening (CMD):		20 KLD			
		Swimming pool make up (Cum):		0			
Dry season	:	Total Water Requirement (CMD) :		452 KLD			
		Fire fighting - Underground water tank(CMD):		50 cum			
Fire fighting - Overhead water tank(CMD): Excess treated v		Fire fightin Overhead tank(CMD)	ng - water ):	20 cum			
		ated water	220 KLD				
	S						



Wet season:		Source of	water	Bhor Nagarparishad						
		Fresh wat	ter (CMD):	284 KLD						
		Recycled Flushing	water - (CMD):	148 KLD						
		Recycled water - Gardening (CMD):		0						
		Swimming pool make up (Cum):		0						
		Total Water Requirement (CMD) :		431 KLD						
		Fire fighting - Underground water tank(CMD):		50 cum						
		Fire fighting - Overhead water tank(CMD):		20 cum				No		
		Excess tre	eated water	240 KLD				<u> </u>		
Details of pool (If an	Swimming y)	Not applic	able			G				
			33.Detail	s of Tota	l water o	onsume	ed			
Particula rs	Cons	sumption (	CMD)		Loss (CMD)			Effluent (CM	D)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existin	g Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicab	Not le applicable	Not applicable	
		•					•			
		Level of the Ground water table:		8-9m BGL						
		Size and no of RWH tank(s) and Quantity:		Not applicable						
		Location of the RWH tank(s):		Not applicable						
34.Rain V Harvestii	Water 1g	Quantity of recharge pits:		16 nos.						
(RWH)		Size of recharge pits		1.2m X 1.2m X 3m						
	SY	Budgetary allocation (Capital cost) :		Rs. 3200000						
		Budgetary allocation (O & M cost) :		Rs. 96000 per annum						
		Details of UGT tanks if any :		Domestic - 450 cum Fire - 50 cum						
35.Storm water drainage		Natural water drainage pattern:		South to North						
		Quantity of storm water:		29.50 cum/min						
		Size of SV	VD:	300-450 mm						
a goot aness							Dr. Deepak G. Mhe	sizetran		

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		Sewage ge in KLD:	neration	388 KLD					
		STP techno	ology:	Phytorid and MBBR					
Sewage and Waste water	Capacity o (CMD):	f STP	225 + 175 = 400 KLD						
	Location & the STP:	area of	As Shown on Plan	As Shown on Plan					
	Budgetary (Capital co	allocation st):	Rs. 4500000						
		Budgetary (O & M cos	allocation st):	Rs. 725000 per annum	Rs. 725000 per annum				
			86.Solie	l waste Management					
Waste gene	eration in	Waste gen	eration:	5 kg/day		6			
the Pre Cor and Constr phase:	nstruction ruction	<sup>1</sup> Disposal of the construction waste debris:		Through Authorized Ver	ndor				
		Dry waste:		657.8 kg/day					
		Wet waste	:	940.8 kg/day					
Waste ge	neration	Hazardous	waste:	Negligible					
in the operation Phase:		Biomedical waste (If applicable):		Not applicable					
		STP Sludg sludge):	e (Dry	13.5 kg/day	9				
		Others if a	ny:	E Waste - 1986 Kg/Year					
		Dry waste:		Handed over to Nagarpa	arishad				
		Wet waste:		In-situ Composting					
Mode of I	Dienocal	Hazardous waste:		Negligible					
of waste:	Disposai	Biomedical waste (If applicable):		Not applicable					
		STP Sludg sludge):	e (Dry	Used as Manure					
		Others if a	ny:	Handed over to Authorized Agency					
		Location(s	):	Shown on Plan					
Area requirem	ent:	Area for th of waste & material:	e storage other	Shown on Plan					
		Area for m	achinery:	Considered in total Stor	age Area				
Budgetary	allocation	Capital cos	st:	Rs. 2000000					
(Capital cost and O&M cost): O & M cost:		Rs. 200000							
			37.Ef	fluent Charectere	estics				
Serial Number	Serial Number Parameters Unit		Inlet Effluent         Outlet Effluent           Charecterestics         Charecterestics		Effluent discharge standards (MPCB)				
1	Not app	plicable	Not applicable	Not applicable	Not applicable				
Amount of e (CMD):	effluent gene	ration	Not applica	ıble					
Capacity of the ETP: Not applica			Not applica	ble					

approvers			Dr. Deepak G. Mhalaskan Chaisman SEAC III
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Amount of t recycled :	reated efflue	ent	Not applicable							
Amount of v	water send t	o the CETP:	Not applicable							
Membershi	p of CETP (if	f require):	Not applicable							
Note on ET	P technology	v to be used	Not a	pplica	ble					
Disposal of	the ETP sluc	lge	Not a	pplica	ble					
			3	8.Ha	zardous	Was	te D	etails		
Serial Number	Descr	iption	С	at	UOM	Exis	ting	Proposed	Total	Method of Disposal
1	Not ap	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	Not applicable	Not applicable
			3	89.St	acks em	issio	n De	etails		
Serial Number	ial ber Section & units		Fu	ıel Us Quai	ed with ntity	Stacl	د No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not ap	plicable	Ν	lot app	olicable	N appli	ot cable	Not applicable	Not applicable	Not applicable
			4	<b>D.De</b>	tails of F	uel	to be	e used	3	
Serial Number	Тур	e of Fuel	Fuel Existing					Proposed		Total
1	Not	applicable	icable Not app			е	N	lot applicabl	e	Not applicable
41.Source of Fuel Not applicable										
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable					
						$\rightarrow$				
		Total RG a	rea :		3824.43 sq1	n				
		No of trees	s to be	e cut	Nil					
43.Gree	n Belt	Number of be planted	trees	<b>trees to</b> <b>:</b> Total Required = 478 nos. Existing Trees = 115 nos. Remaining Proposed Plantation = 363 nos.					nos. Remaining	
Develop	ment	List of prop native tree	posed Elaborated			ted Below				
		Timeline for completion plantation	or 1 of :	of Till completion of project						
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in the g	ground
Serial Number	Name of	the plant	С	ommo	n Name		Quar	ntity	Characte	eristics & ecological importance
1	Samane	a saman		Rain	dree		1	5	Shady	tree with medicinal properties
2	Cassia	fistula		Bah	awa		1	6	shady tre	ee with yellow flowers
3	Azadirac	hta indica		Ne	em		1	6	deciduous	s, medicinal properties
4	Plumer	ia rubra		Alba (	Chafa		1	1	larg	e evergreen tree
5	Mangife	ra indica		Mai	ngo		1	2	tall, :	fruit bearing tree
6	Aegle m	armelos		В	el		1	3	medium	n sized, tropical tree
7	Cocos r	nucifera		Сосо	onut		1	0	tall, :	fruit bearing tree
8	Ficus ra	acemosa		Um	bar		1	5	deciduou bearing an	s tree flowering, fruit ad medicinal properties



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9	Couroupita guianensis	Kailaspati	1	0	deciduous tree flowering, medicinal properties			
10	Magnolia champaca	Champak Son Chafa	2	0	large evergreen tree			
11	Mimusops elengi	Bakul	1	5	native, evergreen foliage, dense branching, attracts birds			
12	Nyctanthes arbor- tristis	Parijatak	1	7	fragrant flowers of the tree attracts bees, butterflies			
13	Lagerstroemia speciosa	Taman	1	6	purple flowering plant is the state pland of maharashtra			
14	Syzygium cumini	Jambhul	1	4	fruit bearing tree, attracts birds			
15	Annona reticulata	Ramphal	1	5	fruit bearing tree			
16	Manilkara zapota	Chiku	1	5	fruit bearing tree, attracts birds			
17	Punica granatum	Promogenade	1	5	fruit bearing tree			
18	Alstonia scholaris	Saptaparni	2	0	medium size flowering tree			
19	Butea monosperma	Palas	1	5	medium size dry season deciduous tree			
20	Bauhinia variegata	Kanchan	2	0	flowering tree			
21	Vachellia nilotica	Yeri	1	2	evergreen tree, shady, deciduous			
22	Pterospermum acerifolium	Muchkand	1	5	flowering tree			
23	Bombax ceiba	Katesawar	1	5	medium size flowering tree			
24	Phyllanthus emblica	Awla	11		fruit bearing tree			
25	Psidium guajava	Peru	1	0	medium size, fruit bearing tree			
26	Murraya paniculatum	Kamini / Kunti		5	Native to western ghats, has fragrant white flowers and dense foliage, host plant to butterflies			
27	Khaya grandis	Khaya	1	5	fruit bearing tree, shady, deciduous			
28	Saraca indica	sita ashok	2	5	evergreen tree with rounded crown, hardy tree			
29	Lagerstromia flos - reginae	Largerstromia	3	0	medium size grows in dry climate			
30	Albezzia lebbeck	Shirish	3	0	quick growing, good soil binder, drought tolerant			
45	5.Total quantity of plan	its on ground						
<b>46.Nun</b>	nber and list of sl	nrubs and bushes	s species	to be pla	anted in the podium RG:			
Serial Number	Name	C/C Dista	nce		Area m2			
1	Not Applicable	Not Applic	able		Not Applicable			
	47.Energy							



		Source of p supply :	power	MSEDCL	MSEDCL					
		During Con Phase: (De Load)	nstruction mand	40 KW						
		DG set as l back-up du constructio	DG set as Power back-up during construction phase		30 kVA					
Power requirement:		During Operation phase (Connected load):		1932 KW						
		During Op phase (Der load):	During Operation phase (Demand load):							
		Transform	er:	1 no. X 630	kVA a	nd 1 no. X 3	15 kVA			
		DG set as 1 back-up du operation ;	Power ıring phase:	1 no. X 62.5	5 kVA			A		
		Fuel used:		HSD						
		Details of I tension lin through th any:	high e passing le plot if	Not applicable						
		48.Ene	rav savi	na by no	n-co	nvention	al metho	od:		
1. Most of t bureau of e	he common a nergy efficie	area & exter ncy which ag	nal lighting ain results i	are proposed in saving in g	l to wo genera	rk on high e l consumptio	nergy efficie	ent lamps(LED) as specified in		
2 Low loss	Transforme	rs due to whi	ch 6 22% lo	sses are save	ed agai	nst conventi	onal transfo	rmer		
2. Low 1000					u ugui					
results in le	ss demand l	proposed fo bad factor fo	r load power r the project	r lactor corr	ection	and to maini	tain a neaith	y power situation. This also		
4. Solar PV.	Hot Water.	Solar Street	Lights, Ener	rav Efficient	Motor	s are propos	ed			
		4	9.Detail	calculati	ons	& % of s	aving:			
Serial Number	E	nergy Cons	ervation M	easures Saving %						
1		Solar Hot W	ater and Sol	lar PV				15 %		
		50	Details	of pollut	ion c	ontrol S	ystems			
Source	Ex	isting pollu	tion contro	l system			Proposed	to be installed		
Not applicable		Not	applicable				Not	applicable		
Budgetary	allocation	Capital cos	st:	Rs. 410500	0					
O&M	cost):	0 & M cos	t:	Rs. 48000						
51	.Enviro	onment	al Mar	nageme	ent j	plan Bı	udgeta	ry Allocation		
		a)	Construc	ction pha	nse (v	with Bre	ak-up):			
Serial Number	Attri	outes	Parai	neter		Total (	Cost per an	num (Rs. In Lacs)		
1	Wate Constructio	er for on & labour	Water Ree	quirement			3.	.0		
2	Site San Saf	itation & ety	Health &	& Safety			1	.0		
Abhay Pimparkar (Secretary SEAC Meeting No: 122 Meeting Date: August Page 40 of 102						Deepak Mhaisekar (Chairman SEAC-III)				

3	Enviro Mor	onmental nitoring	Pollution M Con	onitoring itrol	g &	3.0					
4	Disii	nfection	Health & Safety				0.5				
5	Health	Check-Up	Health &	& Safety			0.5				
	-	b	) Operat	ion Ph	nase (wi	th Brea	k-up):				
Serial Number	Com	ponent	Descr	Description		ital cost Rs Lacs	. In Opera c	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Rain Wate	er Harvesting	RWH	I Pits		32.0		0.96			
2	Sewage P	e Treatment 'Lant	Waste manag	ewater Jement		45.0		7.25			
3	Orgar Com	nic Waste posting	Solid manag	waste jement		20.0		2.0			
4	Tree F	Plantation	Lands Develo	Landscape Development		5.0		1.20			
5	Energ	gy Saving	Energy Co	nservati	on	41.05		0.48			
6	Enviro Mor	onmental nitoring	Pollution control			0		3.0			
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)						s/toxic					
Descri	ption	Status	Location	n	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 app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
			52.A	ny Ot	her Info	rmation	l				
No Informa	tion Availa	ble		>							
			- 53.	Traffi	c Manag	gement					
Nos. of the junction to the main road & design of confluence:			vn on drawi	ing							



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	Number and area of basement:	Nil					
	Number and area of podia:	Nil					
	Total Parking area:	7995.40 sqm					
	Area per car:	12.5 sqm					
	Area per car:	12.5 sqm					
Parking details:	Number of 2- Wheelers as approved by competent authority:	967					
	Number of 4- Wheelers as approved by competent authority:	199		60			
	Public Transport:	Available					
	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     Category B       Notification sheet     Category B						
	Court cases pending if any	Not applicable					
	Other Relevant Informations	Not applicable					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
SEAC	DISCUSSION	ON ENVIRONME	ENTAL	ASPECTS			
Environmental Impacts of the project	-						
Water Budget	-						
Waste Water Treatment	-						
Drainage pattern of the project	-						
Ground water parameters	-						
Solid Waste Management	-						
Abhay Pimparkar (Secre SEAC-III)	etary SEAC Meeting N	o: 122 Meeting Date: August 23, 2021	Page 42 of 102	Deepak Mhaisekar (Chairman SEAC-III)			

Air Quality & Noise Level issues	-					
<b>Energy Management</b>	-					
Traffic circulation system and risk assessment	-					
Landscape Plan	-					
Disaster management system and risk assessment	-					
Socioeconomic impact assessment	-					
Environmental Management Plan	-					
Any other issues related to environmental sustainability						
	Brief information of the project by SEAC					
PP was absent, l	PP was absent, hence deferred the project.					
DECISION OF SEAC						
PP was absent, hence deferred the project.						

Specific Conditions by SEAC:

SEAC

# FINAL RECOMMENDATION

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



### 122nd SEAc-3 meeting- Day-1

#### SEAC Meeting number: 122 Meeting Date August 23, 2021

Subject: Environment Clearance for Environmental clearance For Development of Intermodal station

#### Is a Violation Case: No

1.Name of Project	Development of Intermodal station					
2.Type of institution	Government					
<b>3.Name of Project Proponent</b>	PIU2, Nagpur, National Highway Authority of India					
4.Name of Consultant	Aplinka Solutions & Technologies Pvt. Ltd.					
5.Type of project	Township or Others					
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	At Ajni Railway Station					
9.Taluka	Nagpur					
10.Village	Ajni					
Correspondence Name:	Mr Abhijit P Jichkar					
Room Number:	PIU 2, Bunglow No 1					
Floor:	NA					
Building Name:	Shubhankar Apartment , Plot No 159					
Road/Street Name:	Ambazari Hill Top					
Locality:	Ram Nagar					
City:	Nagpur					
11.Whether in Corporation / Municipal / other area	Nagpur Municipal Corporation					
	· · · ·					
12.IOD/IOA/Concession/Plan	IOD/IOA/Concession/Plan Approval Number: in process					
	Approved Built-up Area: 144985					
13.Note on the initiated work (If applicable)	NA					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	222576.75					
16.Deductions	NA					
17.Net Plot area	NA					
	a) FSI area (sq. m.): 110895					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 34090					
	c) Total BUA area (sq. m.): 144985					
	Approved FSI area (sq. m.): 110895					
18 (b).Approved Built up area as per	Approved Non FSI area (sq. m.): 144985					
DOM	Date of Approval: 01-01-1900					
19.Total ground coverage (m2)	43655					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19.61					
21.Estimated cost of the project	1500000000					
	han of huilding C its configuration					

### 22.Number of buildings & its configuration



Serial number	Buildin	ıg Name & ı	number	Nu	mber of floors	Heigl	nt of the building (Mtrs)
1	St	tation Buildir	ng		G+2		-
2	Railwa	y Amenities	in IMS		G+1		-
3	FOB				G+2		-
4	Pla	tform Cover	ing		-		-
5	Bus	amenities in	IMS		G+1		-
6		Bus Bays			G+1		-
7		Bus Bays			G+1		-
8		Bus Bays			G+1		-
9		Bus Bays			G+1		
10		Bus Bays			G+1		
23.Number tenants an	r of d shops	NA					0
24.Number of expected residents / number of passengers-329350(estimation upto year 2050 @2% growth rate per annu users					h rate per annum.)		
25.Tenant per hectar	tare NA						
26.Height building(s)	of the	he					
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the ouilding(s)	ad t fire right of way 14 meter					
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9 meter		j.p			
29.Existing structure (	J s) if any	140 number temple, sch Railway.	r of building ools which w	are present 'ill be demol	at site including re ished and the exist	sidences, staff ing inhabitants	quarter, offices, library, s will be relocated by Indian
30.Details of the demolition with disposal (If applicable) 140 existing building will be demolished							
	CV		31.P	roduct	ion Detail	S	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT	/M)	Total (MT/M)
1	Ν	ſΑ	N	A	NA		NA
32.Total Water Requirement							



		Source of wa	ter	Municipal supp;y							
		Fresh water	(CMD):	1500							
		Recycled wat Flushing (CM	er - 1D):	1000							
Dry season:		Recycled wat Gardening (C	er - CMD):	150							
		Swimming po make up (Cu	ool m):	NA							
		Total Water Requirement :	: (CMD)	3370 ( estim	3370 ( estimation upto year2050)						
		Fire fighting Underground tank(CMD):	- I water	30	30						
		Fire fighting Overhead wa tank(CMD):	- ter	-				0			
		Excess treate	ed water	Zero liquid I	Discharge			*			
		Source of wa	ter	Municipal su	upply						
		Fresh water	(CMD):	1500							
		Recycled wat Flushing (CM	er - 1D):	1000							
		Recycled wat Gardening (C	er - CMD):	0							
		Swimming po make up (Cu	ool m):	NA							
Wet seaso	n:	Total Water Requirement (CMD) :		3220 ( estim	ation upto yea	r2050)					
		Fire fighting Underground tank(CMD):	- I water	30							
		Fire fighting Overhead wa tank(CMD):	ter	-							
		Excess treate	ed water	150							
Details of pool (If an	Swimming y)	NA									
		33.	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	sumption (CM	D)	Ι	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	NA	1500	1500	NA	300	300	NA	1200	1200		
Gardening	NA	150	150	NA	150	150	NA	0	0		



	Level of the Ground water table:	3 mbgl				
	Size and no of RWH tank(s) and Quantity:	one RWH tank( capacity-620 M3)				
	Location of the RWH tank(s):	on surface				
24 Pain Water	Quantity of recharge pits:	NA				
Harvesting (RWH)	Size of recharge pits :	NA				
(1111)	Budgetary allocation (Capital cost) :	55 lakh				
	Budgetary allocation (O & M cost) :	8 lakh				
	Details of UGT tanks if any :	Fire Fighting tank- 30000 liter Raw water tank-400000 liter Domestic water tank-40000 liter Flushing water tank-40000 liter Soft water tank-250000 liter				
	Natural water drainage pattern:	as per contour				
35.Storm water drainage	Quantity of storm water:	620 m3				
	Size of SWD:					
	Sewage generation in KLD:	2200				
	STP technology:	MBBR				
Sowago and	Capacity of STP (CMD):	2 STP of 1250 KLD each				
Waste water	Location & area of the STP:	in Basement				
	Budgetary allocation (Capital cost):	250 lakh				
	Budgetary allocation (O & M cost):	37.5 lakh				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	3.94 ton/day C& D waste				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Used for back filling and road making and final disposal will be done as per C& D Waste Management Rules 2016				
	Dry waste:	19962.23 kg/day				
	Wet waste:	29943.47 Kg/day				
<b>X</b> A7	Hazardous waste:	used oil				
in the operation Phase	Biomedical waste (If applicable):	NA				
I HUSO,	STP Sludge (Dry sludge):	184.8 Kg/day				
	Others if any:	NA				
2 - Contraction		Junite an Dr. Deepak & Malsekan				

approve	
Abhay Pimparkar (Secretary	SEAC Meeting No: 122 Meeting Date: August
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		Dry waste:		Dry waste s	shall be dispo	osed by auth	orized vendo	rs			
		Wet waste	•	Organic waste Converter							
Modo of	Dienocal	Hazardous	waste:	By authorized vendor with proper agreement under provision of HWM Rule 2016							
of waste:	Disposai	Biomedica applicable	l waste (If ):	NA							
		STP Sludg sludge):	e (Dry	will be used phase	be used as manure for maintenance of green belt in operation se						
		Others if a	ny:	NA							
		Location(s	):	in Basemen	ıt						
Area for of waste material			ne storage other	700 Sqm	00 Sqm						
		Area for m	achinery:								
Budgetary	allocation	Capital cos	st:	29.94 lakh							
(Capital co O&M cost)	st and	O & M cos	t:	4.49 lakh				<b>Y</b>			
			37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)			
1	р	Η	-	7.15	5-8.2	7.1	-7.3	6.5-9.5			
2	TS	SS	mg/l	200	-350	<20		20			
3	BO	DD	mg/l	200	-250	<	10	10			
4	CO	DD	mg/l	300	-400	<	50	50			
5	oil and	grease	mg/l	10	-15	<	:2	10			
Amount of e (CMD):	effluent gene	eration	NA								
Capacity of	the ETP:		NA								
Amount of t recycled :	reated efflue	ent	NA								
Amount of v	water send to	o the CETP:	NA								
Membershi	p of CETP (if	f require):	NA								
Note on ET	P technology	v to be used	NA								
Disposal of	the ETP sluc	lge	NA								
			<b>38.H</b> a	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Use	d oil	5.1 as per HWM Rules 2016	-	0	-	-	by authorized Vendors as per HWM Rules 2016			
			39.St	acks em	ission D	etails					
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			
1	8X200	0 KVA	High speed liter/hr on	diesel 320 80% load	8	as per CPCB norms	-	-			



40.Details of Fuel to be used									
Serial Number	Тур	pe of Fuel		Existing	Proposed			Total	
1		Diesel	0			261 MT per mor	nth	261 MT per month	
41.Source of Fuel Nearest Petrol P							·		
42.Mode of	Transportat	tion of fuel to	site ByTr	ucks					
		Total RG ar	ea:	66773.025 \$	Sqm				
43.Green Belt Development List of propnative trees		to be cut	1600						
		Number of be planted	trees to :	in ratio of 1: provided in Collextrate)	3 (16 alloca	00X3=4800) ( The ted area after prio	compensa r permissio	tory afforestation will be on from District	
		List of prop native trees	osed 5:	All are nativ	e spe	cies			
Timeline for completion plantation			r of	Till the finis		of project	0		
	<b>44.Nu</b>	mber and	list of t	trees spec	cies	to be planted	l in the	ground	
Serial Number	Name of	the plant	Comm	on Name		Quantity	Chara	cteristics & ecological importance	
1	Acacia nil W	Acacia nilotica (Linn) Willd.		Babul		84	Its flo August t is spr 8293.74	wrening season is from o Janury nad crown shape reading. Crown area is sqm and stomatal index is 11.23.	
2	Acacia au A.c	cia auriculiformis A.cunn Au		Australian Wattle		84		its crown shape is oblong , flowrening season is 8548.22 sqm and Stomatal index is 10.9	
3	Albizia mo	luccana Mig	Subabul,	Subabul, Vilaitibaral		84		ng Season:- July-October , own shape is oblong	
4	Albizia od be	loratissima enth	Kal	Kala Siris		84	Flowerin cr	ng Season:- April-June and rown shape- oblong	
5	Als Scholaris(	tonia (linn.)R. Br.	Cha	Chattiyan		84		ing Season:- December- crown Shpe- Round, crown e area:- 241680.50 Sqm , omatal index:- 15.23	
6	Anona swu	amosa Linn.	See	taphal	84		Flower Crown surfac st	ing Season- March-July, n shape- Round, Crown ce area:- 2178.21 Sqm, omatal index-26.19	
7	Anona reti	iculata Linn.	Luvu	ni,nona		84	Flowering Season-June, Crown Shape- Round, Crown surface area-2017.44 Sqm , stomatal index- 17.24		
8	Azadirach ju	ita indica A. 1ss.	N	ieem 8		84	Flowering Sept, C Crown Sqm	g Season-Jan- March, Aug- rown Shape- Spreading, Surface Area-300445.30 , Stomatal Index- 29.2	
9	Buchana Spi	nia lanzan reng	Ch	iranji		84	Flower C	ing season- Jan- March , own Shape- Round	
10	Barriı acutangu	ngtonia la(l)Gaertn	ŀ	Iijal		84	Flow May,Se	vering Season-March- ept- Oct., Crown Shape- Spreading	

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11	Cassia siamea Lamk	Minjri (Beng.)	84	Flowering season-Aug-May, Crown Shape-oblong, Crown Surface area-3927.36 Sqm, Stomatal index- 21.2
12	Casuarina equisetifolia Linn.	Jangli saru	84	Flowering season-FebApril, Sept- OCT Crown Shape-Oblong
13	Citrus aurantium Linn	Nimbu	84	Flowering Season-Sept - Nov, Crown shape-Round/Oblong,Crown Surface Area-494.9 Sqm, Stomatal Index-35.81
14	Cordia dichotoma Farst	Cordia dichotoma Farst	84	Flowering season-March-April, Crown shape- Round/Oblong
15	Cassia pumila Lamk	Yellow Cassia	84	Crown shape-Round, Crown Surface Area- 13,273.70 Sqm,Stomatal Index-19.84
16	Derris indica (Lam.)Bennett.	Karanja	84	Flowering Sesaon-April - June, Crown Shape- Round, Crown Surface Area- 6278.1 sqm, Stomatal Index-25.2
17	Duranta repens L	-	84	Flowering season-Throughout the year ,Crown Shape-Spreading Crown Surface Area-60.47 sqm, stomatal Index-21.5
18	Eucalyptus citriodora Hook	Lemon scented gum	84	Flowering season-Feb- April, Oct- Dec Crown shape-Conical , crown surface area-52447.63 sqm, Stomatal index-12
19	Eucalyptus hybrid	Mysore gum	84	Flowering Season-FebApril, Oct Dec. Crown Shape-Conical , Crown Surface area-50047.33 Sqm,Stomatal Index-12.91
20	Ficus benghalensis Linn	Bargad	85	Flowering Season-April - June, Crown shape- Spreading, Crown Surafce area- 236,493.67 Sqm Stomatal index-21.72
21	Ficus benjamina Linn	Pakur	84	Flowering Season-Sept - Nov, Crown Shape- Spreading, Crown Surface Area- 87326.12 Sqm , Stomatal Index-18.62
22	Ficus elastica Roxb	Indian Rubber Tree	84	Crown Shape-Spreading/ Round, Crown surface area-6028.18 sqm, Stomatal index-19.43
23	Ficus gibbosa Blume	Korotosani(Orisa)	84	Flowering Season-April - May, crown Shape-Spreading, Crown Surface area-223,45.4 sqm, Stomatal Index-19.81
24	Ficus hispida (L) F.	Kanea dumbar	85	Flowering Season-April- July, crown shape- Spreading, crown Surface area-46942.02 Sqm, Stomatal index-17.21
25	Gardenia tasminoides Eills	-	84	Flowering season-April - Aug Extended upto Sept., crown shape- Oblong , Crown surface area-265.87 Sqm, Stomatal index-19.21
26	Grevillea robusta A. Cunn.	Silvery or Silky oak	85	Flowering Season-Feb - April, Crown shape- Oblong



27	Guazma ulmifolia Lamk	Rudraki	84	Flowering season-Mar - August., Crown shape-Round/ Spreading, crown Surface area-30279.8 Sqm, Stomatal index-13.31
28	Heterophragma roxburghiji DC	-	84	Flowering Season-Feb April., Crown Shape- Round/ Oblong, crown Surafce Area-155217.7 Sqm, Stomatal Index-14.2
29	Hibiscuc rosa-sinensis Linn	Jasum	84	Flowering Season-Throughout the year, Crown shape-Round / Oblong , Crown Surafce Area- 61.47 Sqm, stomatal index-3.32
30	Ixora arborea Roxb	-	84	Flowering Season-Throughout the year Crown shape-Oblong to spreading, Crown surface Area -57.04 Sqm, Stomatal Index- 17.3
31	IIxora coccinea L	Rangan	84	Flowering Season-Throughout the year, crown Shape- Oblong, Crown surface Area-183.26 sqm, Stomatal Index-23.3
32	Ixora Rosea	-	84	Flowering Season-More or Less throughout the year, Crown shape- Oblong, crown surface area- 296.03 sqm, stomatal index-20.3
33	Kigelia africana Lamk	Sausage tree	84	Flowering season-Mar June, Crown shape- Round/Oblong, Crown surafce area- 58432.21 Sqm, Stomatal Index-12.9
34	Lagerstroemia speciosa (Linn)	Jarool	84	Flowering Season-April - June., Crown shape- Oblong, Crown surface area- 72569.31 Sqm, Stomatal Index-13.9
35	Mimusops elengi Linn	Bakul	85	Flowering Season-Jan Mar., Crown shape- Oblong / Round, Crown surface area- 13,385.20 Sqm, Stomatal Index-22.31
36	Mimusops hexandra Roxb.	Khirni	85	Flowering Season-Sept - Nov, Crown shape- Oblong / Round , Crown surface area-4063.1 sqm,Stomatal Index- 20.4
37	Morus alba Linn.	Tut	84	Flowering season-Feb June, Crown shape- Oblong, Crown Surface Area- 1047.62 sqm, Stomatal Index-17.4
38	Managifera Indica Linn	Aam	84	Flowering season-South India -Jan -Mar, Crown shape-Round / Oblong, Crown Surface area-69,004.67 Sqm, Stomatal Index-30.77
39	Millingtonia hortensis L.F	Indian cork- tree, Buch	85	Flowering season-Oct Dec., Crown Shape- Oblong / Round , Crown Surface area-22439.17 Sqm, Stomatal Index-18.11
40	Peltophorum pterocarpum(DC)Backer	Copper pod tree.	84	Flowering Season-May - Sept., crown Shape- Oblong / Round, crown surafce area- 231045.3 Sqm, Stomatal Index-16.68



41	Prosopis cineraria L	Linn.	Khejri	84		Flo cro sur	owering season,Dec April., wn Shape- Spreading, Crwon face area- 13430.6 , stomatal index-18.1
42	Prosopis tamarug Fiphil.	lo	-	84		Flo	owering Season-Dec April., Crown shape- Spreading
43	Psidium guayava Li	inn.	Amrud	84		C S1	rown Shape-Oblong, crown urface area- 9,243.10 Sqm, Stomatal index- 28.38
44	Pithecellobium duo (Roxb.) Benth	cle	Vilayatimili	85		Fl cr s	owering Season-Jan Feb., own Shape- Oblong, Crown urface Area- 2564.75 Sqm, Stomatal index-11.78
45	Sesbania Grandiflo Pers	ora	Ogosti(Oriya)	85		Flo Cı s	owering season-Sept Dec., rown shape- Oblong, Crown urafce area- 4694.87 sqm, stomatal Index- 20.45
46	Sesbania Sesban (Linn)Merrill	n	Jainti	85		Fl C: surfa	owering season-Aug Dec., rown shape- Oblong, crown ice area- 4563.7 sqm, stomatal index-19.2
47	Spathaodea campanulata Beau	uv	Indian Tulip Tree	84		Fl crow	owering season-Nov Jan., own shape- Oblong/ Round , m surface area-73250.17 sqm, Stomatal Index-24.84
48	Spondias pinnata (l	L.f)	Bemg & Mar- Amra	84		Fl C sı	owering Season-Feb - April, rown shape- Round, Crown ırface area- 25587.31 Sqm, Stomatal index-22.9
49	Syzygium cumini Linn		Jaman	84		Flo Crov crow	owering sesaon-Mar May., wn shape- Oblong/ Spreading, n surface area-112143.2 Sqm, stomatal Index-20.6
50	Samanea saman Ja	acq	Rain Tree	84		Flo crov Crov	wering season-Mar june. , wn shape-Spreading /Round , wn surface area-99306.2 sqm, Stomatal Index-15.64
51	Saraca asoka Roxb. Wilde	o.De	Ashok	84		Fl cro	owering season-Dec May, wn shape- Spreading, Crown Surface Area- 2295.2 Sqm, Stomatal index-17.93
52	Thespesia populeneoides(Rox Kostel	) xb)	Parespipal	84		Flo year s	wering sesaon-Throught the , Crown shape- Round crown urface area-34635.32 sqm, Stomatal index-29.81
53	Thuja occidentalis L	Linn.	American Arborvitae, White cedar	85			Crown Shape-Conical
54	Terma orientalis Blu	ume	Gio	85		Flowering season-Throughout the year , Crown shape-Round/Oblong, Crown surface area- 425,734.10 Sqm Stomatal index-27.3	
55	Tamarindus Indica I	Linn	Imli	84		Flowering season-April - Oct. Crown Shape-Spreading, Crown Surface area- 276839.5 Sqm, stomatal Index-18.4	
56	Zizyphus mauritiana Var. Fruticosa		Ber	84		F Crow a	lowering season-April -Oct. 7n shape-Round Crown surface rea-2638.17 Sqm,Stomatal Index-12.4
agt -	officeres						Dr. Despat q. mhaisekan Dr. Despat q. mhaisekan - bristoria - SAIII

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57	Acacia to	rtilis Hayne	The	Umbi tr	rella thorn 'ee		85				
4	5.Total qua	ntity of plan	ts on g	grour	nd		·				
46.Number and list of shrubs and bushes species to be planted in the podium RG:											
Serial Number		Name			C/C Dista	nce				Area m2	
1	1 NA									NA	
	47.Energy										
Source of power supply :					Maharashtr	a State El	ectricity	Distril	oution	Co. Ltd. (MSEI	OCL)
		During Cor Phase: (De Load)	nstruct mand	tion	1500 KVA						
D ba		DG set as H back-up du constructio	Power Iring on pha	se	1X500 KVA-	+1X1000F	<b>WA</b>				
Dog	During Ope phase (Con load):	eratior necteo	n d	15 MVA							
requirement: During Operation phase (Demand load):				1	15 MVA						
Transformer:				ESS-1(4 no x 2000 KVA each 33Kv ESS-2 (4 nox 2000 KVA each 33 KV)							
		DG set as I back-up du operation p	Power Iring phase:		8x 2000 KVA						
		Fuel used:			HSD	7					
		Details of I tension lin through th	nigh e passi e plot	ing if	NA						
		any:						- 1		1	
The head at	· · · · · · · · · · · · · · · · · · ·	48.Ene	rgy s	avir	ig by noi	n-conv			etne		
The buildin requiremen The Roof ov rain water I The Solar P that Solar F The IMS co proposed to are availabl is expected Provision of feed the ma It is therefo main panels	The building is proposed to be GRIHA 4 Star rated. As per GRIHA requirement 20 % of Lighting and HVAC power requirement is to be met with renewable energy. The requirement of Solar PV Cells works out as 1500 KWp. The Roof over platforms and Bus Bays are proposed to be used for multi purpose i.e provide shade to the platform below, rain water harvesting and installation of Solar panels. The Solar PV Cells will be installed over the roof of platforms and Bus Bays as per architectural drawings. It is expected that Solar PV Cells of 1500 KWp can be installed over the areas available. The IMS consisting of Railway Station and Bus Stand is operational 24 x 7. The power generated by Solar PV cells is proposed to be used on site in various applications like lighting, ventilation, air-conditioning , lifts and other loads which are available round the clock. The minimum load is expected to be more than the proposed capacity of Solar PV Cells. It is expected that there will be no surplus power generated by Solar PV Cells. Provision of connection of Solar PV Cells has been kept in all the main panels of Transformers. As such solar power can feed the main panels at 8 locations. It is therefore proposed that Solar Panels will be connected with main panles at 8 locations and will feed power to the										
The work in PV cells of i	ivolves comp minimum 15	olete design, o 00 KWp.	engine	ering	, supply of al	ll materia	, install	ation, †	testin	g and commissio	oning of Solar
Sorial		49	J.Det	all	calculati	UNS & '	/0 OI S	aving	<b>j</b> :		
Number	E	inergy Conse	ervatio	on Me	easures				S	aving %	
1	Pr	oject has pro	visison	of so	lar plant					-	
		50.	Deta	ils (	of polluti	on con	trol S	yste	ms		
Abhay Pimparkar (Secretary SEAC Meeting No: 122 Meeting Date: August 23, 2021       Page 53 of 102       Deepak Mhaisekar (Chairman SEAC-III)						ex- maistran spacific ekar AC-III)					

Source		Existing po	ollution cont	rol syste	m	Proposed to be installed						
waste wate	er		NA			STP						
Biodegradal waste	ole		NA			OWC						
Noise Due DG sets	to		NA			DG will be installed within acoustic enclosure and with proper stack heigt as per CPCB						
Budgetary	allocation	Capital co	st:	30 lakh		•						
O&M	cost):	0 & M cos	st:	10 lakh								
51.Environmental Management plan Budgetary Allocation									ation			
a) Construction phase (with Break-up):												
Serial Number	Attri	butes	Para	neter		Total	Cost p	er annu	m (Rs. In L	.acs)		
1	water f Supre	for Dust ession	particula	te matteı				2				
2	Site sanit sat	ation and Tety		-				3				
3	Enviro Moni	nmental toring	Air, Noise , emission and V	soil, Dg and noise Vater	set e	3			3			
4	Health	checkup	All relevant 1		1							
b) Operation Phase (with Break-up):												
Serial Number	Comp	onent	ent Description			Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sev	vage	STP	cost		250			37.5			
2	Solid wast	e and OWC	Solid Manag	waste jement		29.94			4.49			
3	Gree	n area	Greei	n Belt		133			20.03			
4	collectio wa	n of Rain Iter	Rain wa	ter Tank		55		8				
5	Ene	ergy	Energy equip	efficient ments		30			10			
6	Air, water soil, STP o	, noise and outlet/inlet	Enviorr Monit	nmental toring		5			2			
7	DG sets i encl	n acoustic osure	Noise p Manag	ollution Jement		600			100			
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)												
Descrij	ption	Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation		



High speed Diesel	Propose	d Near DG Set	Room	two tanks of capacity 25.48 MTHSD Storage tank on both side of DG set room	10	261	Nrearest Petrol Pump	truck			
		52.A	ny Ot	her Info	rmation	1					
No Information Availab	ole										
	_	53.	Traffi	c Manag	jement						
	Nos. o to the design conflu	of the junction e main road & n of ience:	-								
	Numb basen	er and area of nent:	one ba	sement- 340	90 sqm	C					
	Numb podia	er and area of :	NA								
	Total	Parking area:	-								
	Area	per car:	100 sq:	m of FAR pe	er ECS						
	Area ]	per car:	100 sq:	m of FAR pe	er ECS	)					
Parking details:	Numr Whee appro comp autho	Wheelers as approved by competent authority:		-							
	Numb Whee appro comp autho	er of 4- lers as ved by etent rity:	1150 ECS and 127 Bus at bus station								
	Publi	Public Transport:									
	Width roads	Width of all Internal roads (m):		14 meter							
	CRZ/ obtain	RRZ clearance n, if any:	NA								
S	Distan Prote Critic areas areas bound	fice from cted Areas / ally Polluted / Eco-sensitive / inter-State laries	seminary Hills RF- 4.2 Km in NW Protected Forest near Banwadi-13.8 km in S								
	Categ sched Notifi	ory as per ule of EIA cation sheet	В								
	Court if any	cases pending	no								
	Other Inform	Relevant nations									
	you previously itted cation online DEF Website.	Yes									
Abhay Pimparkar (Sect SEAC-III)	retary	SEAC Meeting N	Io: 122 N 23, 20	Meeting Dat 121	e: August	Page 55 1 of 102	Deepak Mhai Chairman SE	sekar EAC-III)			

Date of online submission	01-01-1900

### SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

### Brief information of the project by SEAC

PP was absent, hence deferred the project.

## **DECISION OF SEAC**

PP was absent, hence deferred the project.

**Specific Conditions by SEAC:** 

## FINAL RECOMMENDATION

Stiller Stiller

ageneratives of Abhay Pimparkar (Secretary SEAC-III)

SEAC Meeting No: 122 Meeting Date: August 23, 2021

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Dr. Deepak G. Mhaisekan Chaisman SEACIIL

### 122nd SEAc-3 meeting- Day-1

#### SEAC Meeting number: 122 Meeting Date August 23, 2021

Subject: Environment Clearance for Residential and Commercial Construction Project

Is a Violation Case: No						
1.Name of Project	Akanksha Iris					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Nihal Shaikh					
4.Name of 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.70/1 and S. No. 65/1/1B, Mouje Wakad, Tal. Mulashi, Dist. Pune-411 057.					
9.Taluka	Mulshi					
10.Village	Wakad					
Correspondence Name:	Mr. Nihal Shaikh					
Room Number:	213					
Floor:						
Building Name:	The Pentagon, Parvati					
Road/Street Name:	Off Pune-Satara Road,					
Locality:	Near Hotel Panchami, Parvati					
City:	Pune-411009					
11.Whether in Corporation / Municipal / other area	PCMC					
13 IOD/IOA/Companyion/Diam	Sanctioning in Process					
Approval Number	IOD/IOA/Concession/Plan Approval Number: NA					
	Approved Built-up Area: 37079.74					
13.Note on the initiated work (If applicable)	NA					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable					
15.Total Plot Area (sq. m.)	12491.72					
16.Deductions	2032.76					
17.Net Plot area	10458.96					
19 (a) Proposed Public up Area (FSI &	a) FSI area (sq. m.): 14832.74					
Non-FSI)	b) Non FSI area (sq. m.): 22247.00					
	c) Total BUA area (sq. m.): 37079.74					
19 (b) Approved Puilt up area as per	Approved FSI area (sq. m.): NA					
DCR	Approved Non FSI area (sq. m.): NA					
	Date of Approval: 01-01-1900					
19.Total ground coverage (m2)	2137.69					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23 %					
21.Estimated cost of the project	483500000					

# 22.Number of buildings & its configuration



Serial number	Buildin	ig Name & n	umber	Nu	nber of floors		Height of the building (Mtrs)		
1	Wing A	(shops+ Resi	dential)	STILT	+SHOPS+P +10	)	39.95		
2	Wing B	(Residential	+LIG)	9	Stilt+2P+10		39.95		
3	Wing C (Residential)			(	Stilt+2P+10		39.95		
4	Wing	g D (Commer	cial)		P+11		39.15		
23.Numbe tenants an	r of d shops	Residential Shops - 4 Office - 11 (	Residential - 238 Shops - 4 Office - 11 (Commercial)						
24.Number of         expected residents /         users    Residential - 1210 Commercial -343 Total - 1553									
25.Tenant density per hectare 242									
26.Height building(s)	of the								
27.Right of way         (Width of the road         from the nearest fire         station to the         proposed building(s)							<b>30</b> <sup>1,5</sup>		
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9.0			.000				
29.Existing	J s) if any	NO							
30.Details demolition disposal (I applicable	of the with f	NA							
			31.P	roduct	ion Detai	ls			
Serial Number	Pro	duct	Existing	(MT/M)	AT/M) Proposed (MT/M)		Total (MT/M)		
1	Not app	plicable	Not app	plicable	Not applicat	ble	Not applicable		
32.Total Water Requirement									



Presh water (CMD):         113           Recycled water - Flushing (CMD):         64           Recycled water - Gardening (CMD):         18           Beycled water - Gardening (CMD):         187           Swimning pool make up (Cum):         187           Dry season:         Total Water Requirement (CMD):         199           Fire flighting - Underground water tank(CMD):         250           Proced water tank(CMD):         77           Overhead water tank(CMD):         113           Recycled water - flushing (CMD):         64           Recycled water - flushing (CMD):         64           Recycled water - flushing (CMD):         1.87           Requirement (CMD):         1.87           Total water Requirement (CMD):         1.87           Fire fighting - Underground water tank(CMD):         1.87           Total water requirement for ND: tank(CMD):         1.87           Fire fighting - Underground water tank(CMD):         259           Total water Requirement: make up in KLD: 187           Prelatis of Swimming po		Source of water	PCMC					
Image: Basia (CMD):         64           Basia (CMD):         18           Basia (CMD):         18           Image: Basia (CMD):         187           Dry season:         Total Water (Targeround water Lank(CMD):         198           Image: Basia (CMD):         198		Fresh water (CMD):	113					
Backelong (MDF):         18           Image: Second Seco		Recycled water - Flushing (CMD):	64					
Simination pool         1.87           Dry season:         Simination pool         1.88           Cold Water Requirement (CMD):         198           Fire fighting - tank(CMD):         250           Excess treated water tank(CMD):         35           Excess treated water tank(CMD):         77           Excess treated water tank(CMD):         103           Recycled water - Gresh water (CMD):         133           Recycled water - Cardening (CMD):         1.87           Wet season:         Topolation (CMD):         1.87           Recycled water - Cardening (CMD):         1.99           Season:         Topolation (CMD):         1.99           Season:         Topolation (CMD):         1.99           Season:         Topolation (CMD):         1.90           Season:		Recycled water - Gardening (CMD):	18					
Dry season:       Total Water Requirement (CMD)       198         Fire fighting - Underground water and parameters to be monitored: Sr. No. Characteristics "Juster Anticement of S. No. Characteristics "Juster S. No. Characteristics "Ju		Swimming pool make up (Cum):	1.87					
Fire fighting - lank(CMD):         250           Fire fighting - coverhead water lank(CMD):         45           Excess treated water         77           Excess treated water         70           Recycled water - fishing (CMD):         113           Recycled water - fishing (CMD):         64           Recycled water - fishing (CMD):         NA           Recycled water - fishing (CMD):         1.87           Swinning pool make up (Cum):         1.87           Fire fighting - fishing - tank(CMD):         250           Fire fighting - tinder group on diverting treated water ank (CMD):         45           Fire fighting - tinder group on diverting treated water ank (CMD):         95           Prive fighting (CM): total water Requirement treated in treated in treated treated in treated treated in treated in treated treated in treated treated in tr	Dry season:	Total Water Requirement (CMD) :	198					
Fire fighting - or water in and (CMD):       5         Excess treated water       77         Source of water in CMD):       113         Recycled water - 64       64         Recycled water - 64       1.37         Swimming pool       1.87         Requirement (CMD):       1.97         Indergroup water (CMD):       1.97         Presh water (CMD):       1.97         Indergroup water (CMD):       1.97         Presh group water (CMD):       1.95         Fire fighting - 100 water Requirement (CMD):       250         Fire fighting - 100 water Requirement (CMD):       45         Details of Swimming pool 61 ft X 24 ft X 4.5 ft.       100 water Requirement ft NLD: 187.78         Water requirement NLD: 187.78       Water requirement NLD: 187.78         Water requirement for MAAN mg/ 50       100 water Requirement for MAAN mg/ 50         Potalls of quality to be = lieved for swimming pool water and parameters to be monitored: Sr. No. Characteristics Values Sr		Fire fighting - Underground water tank(CMD):	250					
Excess treated water       77         Source of water       PCMC         Fresh water (CMD):       113         Recycled water - Flushing (CMD):       64         Recycled water - Gardening (CMD):       NA         Swimming pool       1.87         Total Water Requirement (CMD):       179         Fire fighting - Underground water tank(CMD):       250         Fire fighting - Underground water tank(CMD):       45         Dimension of Swimming Pool: 61 ft X 24 ft X 4.5 ft. Total Water Requirement in KLD: 187.78         Water requirement of Swimming Pool: 61 ft X 24 ft X 4.5 ft. Total water Requirement in KLD: 1.87         Datails of guality to b =:hieved for swimming pool water and parameters to be monitored: Sr. No. Characteristics Values         Petails of guality to a:CO3), mg/l 80-120 3 Aluminium (As Al), mg/l 50 4 Total alkalinity (as CaC3), mg/l 80-120 3 Aluminium (As Al), mg/l 50 4 Total dissolved solids, mg/l 600 mg/l 9 Colourt, Hazen Units 100 1 Turbidity, NTU 1.5 11 Coliforms (MPN) 17		Fire fighting - Overhead water tank(CMD):	45					
Source of water         PCMC           Fresh water (CMD):         113           Recycled water - Gardening (CMD):         64           Recycled water - Gardening (CMD):         NA           Swinning pool make up (Cum):         1.87           Total Water Requirement (CMD):         1.97           Fire fighting - Underground water tank(CMD):         250           Fire fighting - Underground water tank(CMD):         45           Excess treated water tank(CMD):         95           Dimension of Swinming pool (If any)         Dimension of Swinming Pool: 61 ft X 24 ft X 4.5 ft. Total water Requirement in KLD: 187.78 Water requirement for make up in KLD: 1.87           Petails of Swinming pool (If any)         Details of quality to be achieved for swinming pool water and parameters to be monitored: Sr. No. Characteristics: Values 1 pH Value 7.2 2 Total alkalinity (as CaCO3), mg/l 80-120 3 Aluminitum (as AD), mg/l 50 4 Total residual chlorine, mg/l 1 ppm 5 a) Inlet max - 6 b) Outlet min - 7 Total dissolved solids, mg/l 600 mg/l 8 Cholride, (as CL), mg/l 200 mg 9 Colour, Hazen Units 100 9 Colour, Hazen Units 10		Excess treated water	77					
Fresh water (CMD):       113         Recycled water - Fushing (CMD):       64         Recycled water - Gardening (CMD):       NA         Swimming pool make up (Cum):       1.87         Total Water Requirement (CMD):       179         '       50         Diderground water tank(CMD):       250         Fire fighting - Overhead water tank(CMD):       45         Excess treated wate tank(CMD):       95         Dimension of Swimming Pool: 61 ft X24 ft X 4.5 ft. Total water Requirement in KLD: 187.78         Water requirement in KLD: 187.78         Vater requirement in KLD: 187.78         Total sof quality to be achieved for swimming pool water and parameters to be monitored: Sr. No. Characteristics Values 1 pH Value 7.2         2 Total alkalinity (as CaCO3), mg/l 80-120 3 Aluminum (As A), mg/l 50 4 Atotal residual chlorier, mg/l 1 ppm 5 a) Intel max - 6 b) Outlet min - 5 a) Intel max - 6 b) Outlet min - 6 b) Outlet min - 7 Total dissolved solid; mg/l 600 mg/l 8 Chlorides (as Cl), mg/l 200 mg 9 Colour, Hazen Units 100 10 Turbidity, NTU 1.5 11 Coliforms (MPN) 1.7		Source of water	РСМС					
Recycled water - Gardening (CMD):         NA           Swinning pool make up (Cum):         1.87           Total Water Requirement (CMD) :         1.97           Image:		Fresh water (CMD):	113					
Recycled water		Recycled water - Flushing (CMD):	64					
Swimming pool make up (Cum):       1.87         Wet season:       Total Water Requirement (CMD) :       179         Fire fighting - Underground water tank(CMD):       250         Fire fighting - Coverhead water tank(CMD):       45         Details of Swimming Pool: 61 ft X24 ft X4.5 ft. Total water Requirement in KLD: 187.78       95         Sr. No. Characteristics Values 1 pH Value 7.2 2 Total akalinity (as Caro), mg/l 80-120 3 Aluminu (As Al), mg/l 50 4 Total residual chiorine, mg/l 1 ppm 5 a) Inlet max - 6 b) Outlet min 7 Total dissolved solids, mg/l 600 mg/l 8 Chiorides (as Cl), mg/l 200 mg 9 Colour, Hazen Units 1/00 9 Colour, Hazen Colour, Hazen Colour, Hazen Colour, Hazen Colour, Hazen Colour, Hazen Colour,		Recycled water - Gardening (CMD):	NA					
Wet season:       Total Water Requirement (CMD):       179         Fire fighting - Underground water tank(CMD):       250         Fire fighting - Overhead water tank(CMD):       250         Fire fighting - Overhead water tank(CMD):       45         Dimension of Swimming Pool: 61 ft X 24 ft X 4.5 ft. Total water Requirement in KLD: 187.78       95         Details of Swimming Pool: 61 ft X 24 ft X 4.5 ft. Total water requirement for ===================================		Swimming pool make up (Cum):	1.87					
Fire fighting - Underground water tank(CMD):       250         Fire fighting - Overhead water tank(CMD):       45         Excess treated water       95         Dimension of Swimming Pool: 61 ft X 24 ft X 4.5 ft. Total water Requirement in KLD: 187.78 Water requirement for make up in KLD: 1.87         Details of quality to be achieved for swimming pool water and parameters to be monitored: Sr. No. Characteristics Values 1 pH Value 7.2         2 Total alkalinity (as CaCO3), mg/l 80-120 3 Aluminium (As Al), mg/l 50 4 Total residual chlorine, mg/l 1 ppm 5 a) Inlet max 6 b) Outlet min 7 Total dissolved solids, mg/l 600 mg/l 8 Chlorides (as Cl), mg/l 200 mg 9 Colour, Hazen Units 10 10 Turbidity, NTU 1.5 11 Coliforms (MPN) 17	Wet season:	Total Water Requirement (CMD) :	179					
Fire fighting - Overhead water tank(CMD):       45         Excess treated water       95         Dimension of Swimming Pool: 61 ft X 24 ft X 4.5 ft. Total water Requirement in KLD: 187.78 Water requirement for make up in KLD: 1.87         Details of quality to be achieved for swimming pool water and parameters to be monitored: Sr. No. Characteristics Values 1 pH Value 7.2         2 Total alkalinity (as CaCO3), mg/l 80-120 3 Aluminium (As Al), mg/l 50 4 Total residual chlorime, mg/l 1 ppm 5 a) Inlet max 6 b) Outlet min 7 Total dissolved solids, mg/l 600 mg/l 8 Chlorides (as Cl), mg/l 200 mg 9 Colour, Hazen Units 100 10 Turbidity, NTU 1.5 11 Coliforms (MPN) 17		Fire fighting - Underground water tank(CMD):	250					
Excess treated water95Dimension of Swimming Total water Requirement in KLD: 187.78 Water requirement for make up in KLD: 1.87Details of quality to be 1 pH Value 7.2 2 Total alkalinity (as CaCO3), mg/l 80-120 3 Aluminum (As Al), mg/l 50 4 Total residual chlorine, mg/l 1 ppm 5 a) Inlet max 6 b) Outlet min 7 Total dissolved solids, mg/l 600 mg/l 8 Chlorides (as Cl), mg/l 200 mg 9 Colour, Hazen Units 100 10 Turbidity, NTU 1.5 11 Coliforms (MPN) 17		Fire fighting - Overhead water tank(CMD):	45					
Details of Swimming pool (If any)Dimension of Swimming Pool: 61 ft X 24 ft X 4.5 ft. Total water Requirement in KLD: 187.78 Water requirement for make up in KLD: 1.87Details of quality to be achieved for swimming pool water and parameters to be monitored: Sr. No. Characteristics Values 1 pH Value 7.2 2 Total alkalinity (as CaCO3), mg/l 80-120 3 Aluminium (As Al), mg/l 50 4 Total residual chlorine, mg/l 1 ppm 5 a) Inlet max 6 b) Outlet min 7 Total dissolved solids, mg/l 600 mg/l 8 Chlorides (as Cl), mg/l 200 mg 9 Colour, Hazen Units 100 10 Turbidity, NTU 1.5 11 Coliforms (MPN) 17		Excess treated water	95					
7 Total dissolved solids, mg/l 600 mg/l 8 Chlorides (as Cl), mg/l 200 mg 9 Colour, Hazen Units 100 10 Turbidity, NTU 1.5 11 Coliforms (MPN) 17	Details of Swimming pool (If any)	Dimension of Swimming Total water Requirement Water requirement for m Details of quality to be a Sr. No. Characteristics 1 pH Value 7.2 2 Total alkalinity (as Ca 3 Aluminium (As Al), mg 4 Total residual chloring 5 a) Inlet max 6 b) Outlet min	g Pool: 61 ft X 24 ft X 4.5 ft. at in KLD: 187.78 nake up in KLD: 1.87 achieved for swimming pool water and parameters to be monitored: Values CO3), mg/l 80-120 g/l 50 e, mg/l 1 ppm					
		7 Total dissolved solids, 8 Chlorides (as Cl), mg/ 9 Colour, Hazen Units 1 10 Turbidity, NTU 1.5 11 Coliforms (MPN) 17	7 Total dissolved solids, mg/l 600 mg/l 8 Chlorides (as Cl), mg/l 200 mg 9 Colour, Hazen Units 100 10 Turbidity, NTU 1.5 11 Coliforms (MPN) 17					

### 33.Details of Total water consumed

ager of the stor			Dr. Deepak G. Mhaisekan Chairman SEACIE
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Particula rs	Particula rs Consumption (CMD)		Los	Loss (CMD)			Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	177.62	177.62	Not applicable	17.76	17.76	Not applicable	159.86	159.86		
Gardening	Not applicable	18.60	18.60	Not applicable	18.60	18.60	Not applicable	Not applicable	Not applicable		
		Level of the water table:	Ground	6.9 m	6.9 m						
		2M X2M X2	2M, 06			0					
		Location of tank(s):	the RWH	Plan encclo	osed						
		Quantity of pits:	recharge	6							
34.Rain V Harvestii	Water ng	Size of rech :	arge pits	2m x2m x 2	2m						
(RWH)		Budgetary a (Capital cos	llocatior t) :	1.20 Lakh							
Budgetary allocation (O & M cost) :				Nil Nil	Nil						
		Details of U if any :	GT tanks	Residential Domestic U Fire UG tau Commercia Domestic U Fire UG tau Flushing U	Residential: Domestic UG tank Capacity: 169.12 KLD Fire UG tank Capacity: 150 KLD Commercial: Domestic UG tank Capacity: 9.13 kld Fire UG tank Capacity: 100 KLD Flushing UG tank Capacity: Considered in Residential Area						
				<u>y</u>							
25 Storm	wator	Natural wat drainage pa	er ttern:	As per Con	As per Contour						
drainage	water	Quantity of water:	storm	6295.82 Cu	6295.82 Cum						
		Size of SWD	):	200 mm -6	00 mm						
		Sewage gen in KLD:	eration	146							
	5	STP technol	logy:	MBBR							
Sewage	and	Capacity of (CMD):	STP	2, 165							
Waste w	ater	Location & a the STP:	area of	Enclosed I							
		Budgetary a (Capital cos	llocation t):	a 39 lakh							
		Budgetary a (O & M cost	llocation ):	<b>3</b> 4	34						
		3	6.Soli	id waste	e Mana	gem	ent				



Waste gen	eration in	Waste gen	eration:	1 % of raw	material						
the Pre Co and Constr phase:	nstruction ruction	Disposal o constructi debris:	f the on waste	Excavated and top soil	earth materi l for landsca	al will be use ping	ed for filling :	material for plinth area			
		Dry waste:									
Wet waste		Wet waste	•	357							
Wasto go	noration	Hazardous	waste:	NA							
in the op Phase:	eration	Biomedica applicable	l waste (If ):	NA	NA						
		STP Sludg sludge):	e (Dry	11 Kg/day							
		Others if a	ny:	NA							
		Dry waste:		Authorized	vender						
		Wet waste	:	Organic waste converter							
		Hazardous	waste:	NA							
Mode of I of waste:	Disposal	Biomedica applicable	l waste (If ):	NA			<b>N</b>				
		STP Sludg sludge):	e (Dry	Used as ma	inure after O	WC converto	or				
		Others if a	ny:	NA							
		Location(s	;):	Plan Enclos	sed						
Area for the storage of waste & other material:				112.25	112.25						
		Area for m	achinery:	18.50							
Budgetary	allocation	Capital cos	st:	17 Lakh							
(Capital co O&M cost)	st and :	O & M cos	t:	8.70 Lakh	Y						
			37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)			
1	Not apj	plicable	Not applicable	Not applicable Not applicable Not applicable							
Amount of e (CMD):	effluent gene	eration	Not applica	lble							
Capacity of	the ETP:		Not applica	ble							
Amount of t recycled :	reated efflue	ent	Not applica	ıble							
Amount of v	vater send to	o the CETP:	Not applica	ble							
Membership	o of CETP (if	f require):	Not applica	ble							
Note on ETI	? technology	v to be used	Not applica	ble							
Disposal of	the ETP sluc	lge	Not applica	ble							
			<b>38.</b> Ha	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Not app	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
			39.St	tacks em	ission D	etails					

agentities			Dr. Deepak & Mhalekan Chaleman SEACHE
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Serial Number	Section	ction & units F		Used w Juantity	ith Stac	k No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not ap	plicable	Not	applicab	ole N appli	lot Icable	Not applicable	Not applicable	Not applicable
			<b>40.</b> I	Details	s of Fuel	to be	e used		
Serial Number	Тур	pe of Fuel		Exi	sting		Proposed		Total
1	Not	applicable		Not ap	oplicable	Ν	lot applicabl	e	Not applicable
41.Source of	of Fuel		No	ot applic	able				
42.Mode of	Transportat	tion of fuel to	site No	ot applic	able				
		Total RG ar	rea :	1045	5.90 sq.m.				6
		No of trees :	to be cu	ut <sub>NA</sub>					
43.Gree	n Belt	Number of be planted	trees to :	240					
Develop	ment	List of prop native trees	osed 5:	222					
		Timeline fo completion plantation	neline for npletion of 2 Yrs ntation :						
	<b>44.Nu</b>	mber and	list o	f trees	s species	to b	e plante	d in the	ground
Sorial									
Number	Name of	the plant	Com	mon Na	me	Qua	ntity	Charact	erístics & ecological importance
Number 1	Name of Albizia	the plant lebbeck	Com	<b>mon Na</b> Shirish	me	<b>Qua</b>	ntity 4	Fragrant	importance flowers attract many insects, bees
Number 1 2	Name of Albizia Azadirac	the plant lebbeck hta indica	Com	<b>mon Na</b> Shirish Neem	me	<b>Qua</b> 1	ntity 4 3	Fragrant Requires	inportance flowers attract many insects, bees less water, Shady tree
Number123	Name of Albizia Azadirac Bauhinia	the plant lebbeck hta indica blackeana	Com	mon Na Shirish Neem Kanchan	me	<b>Qua</b> 1 0	<b>ntity</b> 4 3 2	Fragrant Requires Large &	ristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers
Number           1           2           3           4	Name of Albizia Azadirac Bauhinia Cassia	the plant lebbeck hta indica blackeana fistula	Comi S K	mon Na Shirish Neem Kanchan Bahavaa		Qua 1 0 1 2	ntity 4 3 2 0	Fragrant Requires Large & Flowers ar	eristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers e very attractive to bees and butterflies
Number           1           2           3           4           5	Name of Albizia Azadiraci Bauhinia Cassia Emblica	the plant lebbeck hta indica blackeana fistula offcinalis	Comi S K B A	mon Na Shirish Neem Kanchan Bahavaa Aawala		Quan 1 0 1 2 0	ntity 4 3 2 0 7	Fragrant Requires Large & Flowers ar	eristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers e very attractive to bees and butterflies edible and can be useful for residents
Number           1           2           3           4           5           6	Name of Albizia Azadiraci Bauhinia Cassia Emblica Lagers spec	the plant lebbeck hta indica blackeana fistula offcinalis rtoemia ciosa	Comi S K B A T	mon Na Shirish Neem Kanchan Bahavaa Aawala Fahman		Quan 1 0 1 2 0 0	ntity 4 3 2 0 7 6	Fragrant Requires Large & Flowers ar Fruits are Medicina	eristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers e very attractive to bees and butterflies edible and can be useful for residents l plant, flowers attract ees and insects
Number           1           2           3           4           5           6           7	Name of Albizia Azadiraci Bauhinia Cassia Emblica Lagers spec Michelia	the plant lebbeck hta indica blackeana fistula offcinalis rtoemia ciosa	Comi S K B A T Soi	mon Na Shirish Neem Kanchan Bahavaa Aawala Fahman on chapha	me	Quai 1 0 1 2 0 0 1 1	ntity 4 3 2 0 7 6 4	Charact         Fragrant         Requires         Large &         Flowers ar         Fruits are         Medicina         br         Native eve         fr	eristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers e very attractive to bees and butterflies edible and can be useful for residents l plant, flowers attract ees and insects rgreen plant with highly agrant flowers
Number           1           2           3           4           5           6           7           8	Name of Albizia Azadiraci Bauhinia Cassia Emblica Lagers spec Michelia Mimuso	the plant lebbeck hta indica blackeana fistula offcinalis rtoemia ciosa champaca ps elengi	Comi S K B A T Soi	mon Na Shirish Neem Kanchan Bahavaa Aawala Fahman m chapha Bakul	me	Quan 1 0 1 2 0 1 1 1 1	ntity 4 3 2 0 7 6 4 4 4	Fragrant Requires Large & Flowers ar Fruits are Medicina bu Native eve fr Fragrant insects, be	eristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers e very attractive to bees and butterflies edible and can be useful for residents l plant, flowers attract ees and insects rgreen plant with highly agrant flowers : flowers attract many es, nesting and roosting place for birds
Number           1           2           3           4           5           6           7           8           9	Name of Albizia Azadirac Bauhinia Cassia Emblica Lagers spec Michelia Mimuso Metragyna	the plant lebbeck hta indica blackeana fistula offcinalis rtoemia ciosa champaca ps elengi a parviflora	Comi S K B A T Soi	mon Na Shirish Neem Canchan Bahavaa Aawala Gahaan n chapha Bakul Kalam	me	Quan 1 0 1 2 0 1 1 1 1 0	ntity 4 3 2 0 7 6 4 4 9	Charact Fragrant Requires Large & Flowers ar a Fruits are Medicina bu Native eve fr Fragrant insects, be I Nesting	eristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers e very attractive to bees and butterflies edible and can be useful for residents l plant, flowers attract ees and insects rgreen plant with highly agrant flowers : flowers attract many es, nesting and roosting place for birds and roosting place for birds
Number           1           2           3           4           5           6           7           8           9           10	Name of Albizia Azadirac Bauhinia Cassia Emblica Lagers spec Michelia Mimuso Metragyna Butea mo	the plant lebbeck hta indica blackeana fistula offcinalis rtoemia ciosa champaca ps elengi a parviflora onosperma	Comi Sources	mon Na Shirish Neem Kanchan Bahavaa Aawala Gahman n chapha Bakul Kalam Palas	me	Quai 1 0 1 2 0 1 1 1 0 0 0 0	ntity 4 3 2 0 7 6 4 4 9 4	Charact         Fragrant         Requires         Large &         Flowers ar         a         Fruits are         Medicina         b         Native eve         fr         Fragrant         insects, be         Nesting         Bright shor         birds, in	eristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers e very attractive to bees and butterflies edible and can be useful for residents l plant, flowers attract ees and insects rgreen plant with highly agrant flowers : flowers attract many es, nesting and roosting place for birds and roosting place for birds wy flowers attract many sects and bees during wering season
Number           1           2           3           4           5           6           7           8           9           10           11	Name of Albizia Azadirac: Bauhinia Cassia Emblica Lagers spec Michelia Mimuso Metragyna Butea mo	the plantlebbeckhta indicablackeanaa fistulaoffcinalisrtoemiaciosachampacaps elengia parvifloraonospermaa pinnatta		mon Na Shirish Neem Kanchan Bahavaa Aawala Gahavaa Gahavaa Bakul Bakul Kalam Palas Karanj	me       -         -       -	Quai 1 0 1 2 0 1 1 1 0 0 0 1 1 1 0 0 1 1 1 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	ntity       4       3       2       0       7       6       4       9       4       6	Charact         Fragrant         Requires         Large &         Flowers ar         Flowers ar         Fruits are         Medicina         br         Native eve         fr         Fragrant         insects, be         I         Nesting         Bright shoo         birds, in         fo         Dense fo         place to bir	eristics & ecological importance : flowers attract many insects, bees less water, Shady tree bright showy flowers e very attractive to bees and butterflies edible and can be useful for residents l plant, flowers attract ees and insects rgreen plant with highly agrant flowers : flowers attract many es, nesting and roosting place for birds and roosting place for birds wy flowers attract many sects and bees during overing season liage provides nesting rds, flowers attract bees and insects



13	Ficus Racemosa	Umbar	01	Large tree provides nesting place to birds, fruits attract bats and insects
14	Aegle marmelos	Bel	07	Acts as air purifier by absorbing pollutants from air
15	Plumeria alba/rubra	Chafa	05	Aesthetical value
16	Syzygium cumini	Jambool	05	Fruits are eaten by birds, provides nesting place for many birds, larval host for many butterfly species
17	Thespesia populnea	Bhend	06	Dense foliage provides nesting place to birds, flowers attract bees and insects
18	Annona squaosa	Sitaphal	03	Sitaphal
19	Anthocephalus kadamba	kadamba	03	Ornamental tree ,scented flowers, good shade
20	Azadirichta indica	Neem	04	shade giving,medicinal , ornamental
21	Bauhinea blackeana	Kanchan	06	Ornamental tree, scented flowers
22	Cassia fistula	Bahava	06	Ornamental , grapes like flowering, Good for roadside Plantation & provide shade
23	Cocos nucifera	Coconut	03	fruit bearing, ornamental
24	Cordia dishotoma	Bhokar	03	Good for roadside Plantation & provide shade
25	Lagerstromia speciosa	Tamhan	05	Attractive flowering
26	Magnifera indica	Mango	04	Fruiting Tree
27	Manikara zapota	Chiku	04	Fruiting Tree
28	Manikara zapota	Chiku	04	Fruiting Tree
29	Millingtonia hortensis	Indian cork tree	04	he tree is considered ornamental and the pleasant fragrance of the flowers renders it ideal as a garden tree.
30	Muraya paniculata	Orange jasmine	03	Tropical evergreen ,white scented flowers
31	Phyllanthus emblica	Aawla	02	Fruiting Tree
32	Plumeria alba	White chafa	05	Medium sized evergreen tree, white flowers, Butterfly host plant
33	Plumeria rubra	Red chafa	03	Medium sized evergreen tree, red flowers, Butterfly host plant
34	Psidium gujava	Guava	02	Fruiting tree
35	Tabebuia argentia	Yellow trumpet	02	It is a popular ornamental tree in subtropical and tropical regions, grown for its spectacular flower display on leafless shoots at the end of the dry season.
36	Tabebuia rosea	Trumpet tree	03	It is a popular ornamental tree in subtropical and tropical regions, grown for its spectacular flower display on leafless shoots at the end of the dry season.
37	Tamarandus indica	Chinch	02	huge -shade giving tree ,fruit bearing
38	Terminalia katappa	Khota badam	03	fruit tree, ornamental

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39	Terminalia	a mantaley		Mantaley	0	)3	Decorative species and aesthetic value		
45	45.Total quantity of plants on ground		ground						
46.Nun	46.Number and list of shrubs and bushes species to be planted in the podium RG:								
Serial Number		Name		C/C Dist	ance		Area m2		
1		NA		NA			NA		
	47.Energy								
Source of power supply :			MSEDCL						
		During Co Phase: (De Load)	nstruc mand	45 KW /56	KVA				
		DG set as back-up du constructi	Power ıring on pha	62.5 KVA 2	Κ1		A		
Der		During Op phase (Cor load):	eratio inecte	n d 1666 KW,	2082 KVA	C			
Power requirement: During Operation phase (Demand load):			<b>n</b> 1038 KW,	1297 KVA	0				
Transformer:			630 KVA X	630 KVA X 2 Nos					
		DG set as back-up du	Power uring phase:	Residentia No- 38.64	Residential:- 100 KVA X 1No19.2 Litres/hr. Commercial:- 225 KVA X 1 No- 38.64 Litres/hr.				
		Fuel used:		HSD	HSD				
		Details of tension lin through th any:	high le pass le plot	sing if NA	NA				
		48.Ene	ergy s	saving by no	on-convei	ntional m	nethod:		
? Use of LE ? Using Sol. ? V3F drive ? As per MS principal, co ? Recomme ? Independe	D in Parking ar system in is proposed GEDCL requi omply with E nd to attain ent Energy n	area, lift-loh Common Ar for all lifts. rements, it is CCBC norms. power factor neters for all	oby and ea Ligh s recon of the polluti	stair-case. hting (10%). & St nmended to use la installation near ton control equipt	reet/ Landsca ow loss Trans unity. nents	pe lights wit	h LED lamps. ses for Transformer shall, in		
<ul> <li>Following are the Energy efficient fixtures recommended for energy conservation:-</li> <li>? T5 lamp &amp; Electronic Ballasts are proposed for parking areas.</li> <li>? LED type of light source is proposed for common Lobby, Lounge, and Staircase area.</li> <li>? Automatic time based controls are proposed for all outside lighting to save power by avoiding manual switching O OFF the lights.</li> <li>? Motion Sensors are proposed in Car Parking Areas &amp; Lift lobbies</li> </ul>						a. y avoiding manual switching ON &			
		4	9. <b>De</b>	tail calculat	ions & %	of savin	g:		
Serial Number	Е	nergy Cons	ervatio	on Measures			Saving %		
1	L	ED Lamp &	Fitting	For Common		42.87 / 1	Day (KWh), 19.44 % Saving		
2		Landso	ape Li	ghting		0.84 /D	ay (KWh), 16.67 % Saving		
3		Area & S	Street I	Lighting		3.0 /Da	ay (KWh), 16.67 % Saving		



4	Energy Saving by Solar Hot Water System.					907.20 /Day (KWh),				
5	Total Annual Saving					289209.15 /Day (KWh), 19.10 % Saving				
50.Details of pollution control Systems										
Source	ce Existing pollution control system Proposed to be installed									
Waste water Generation		Not	Applicable				STP			
Wet Garbage		Not	applicable				OWC			
Budgetary (Capital	allocation cost and	Capital cos	st:	Rs. 57.26 la	khs					
Ó&M	cost):	0 & M cos	t:	Rs. 2.86 lak	hs					
51	51.Environmental Management plan Budgetary Allocation									
	a) Construction phase (with Break-up):									
Serial Number	Attri	butes	Parai	neter		Total Cost j	per annum (Rs. In Lacs)			
1	Erosion	control	Dust sup measu barrio	pression ires & ading			5.0			
2	Site S	Safety	Nets, Ba	Barricade 2.0			2.0			
3	Site Sa	nitation	n Public Toilets				2.0			
4	Disinfection & health check up For Labors			2.0						
5	5 Environmental STP, OWC					1.20				
6	То	otal	-	-			12.20			
		b	) Operat	ion Phas	<b>e (w</b> i	ith Break-up	):			
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	S	ГР	To treat w	aste water		9 Lakhs	14 Lakh			
2	Solid Manag	waste gement	Treatmer Garl	nt on wet bage		16.50 Lakhs	9.70 Lakhs			
3	Storm wat	er network	To increat water	se ground ' level		25 lakh	2.0 lakh			
4	Rain Water	Harvesting	To use as wa	domestic ter		1.2 lakh	Nil			
5	Land	scape	To maintai	n Greenery		2.35 Cr	3 Lakh			
6	Energy co meas	nservation sures	To save I Ene	Electrical ergy		57.26 lakhs	2.86 lakhs			
7	Swimm	ing Pool	-	-		30.04 Lakhs	1.80 Lakhs			
8	Enviroi Moni	nmental toring	Analysis of no	Air, water, ise			1.60 Lakhs			
9	Site safet and aw	y training areness	-	-		6 .0 Lakhs				
10	Water supp tanker ( 3	ply through 3 months)	-	-			3.96 LakhS			
51.S	torage	of che	micals	(inflan substa	nab ance	le/explosiv es)	ve/hazardous/toxic			

Description	Status	Locatio	n	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 applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
	52.A	ny Ot	her Info	rmation	1				
No Information Availab	ble								
		53.	Traffi	c Manag	gement				
Nos. of the junction to the main road & design of confluence:			12.0M	Wide Appro	ach Road, 2	24.0M Wide Ma	in Road		
	Number basemer	and area of at:	NIL						
	Number podia:	and area of	01						
	Total Pa	rking area:	9808.8	6 sq.m					
	Area per	r car:	35 sq.m						
	Area per	r car:	35 sq.m						
Parking details:	Wheeler approve compete authorit	's as d by ent y:	761						
	Number Wheeler approve compete authorit	of 4- rs as d by ent y:	212						
	Public T	ransport:	NIL						
	Width or roads (n	f all Internal n):	6.0						
	CRZ/ RR obtain, i	Z clearance if any:	NA						
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		NA							
	Categor schedul Notifica	y as per e of EIA tion sheet	8 (a)						
	Court ca if any	nses pending	NO						
	Other R Informa	elevant tions	NA						



	1	
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	
Solid Waste Management	-	
Air Quality & Noise Level issues	-	
<b>Energy Management</b>	-	
Traffic circulation system and risk assessment	-	
Landscape Plan	-	
Disaster management system and risk assessment	-	
Socioeconomic impact assessment	-	
Environmental Management Plan	-	
Any other issues related to environmental sustainability		

### Brief information of the project by SEAC

Representative of PP Mr. Nihal Shaikh was present during the meeting along with environmental consultant M/s. Oasis environmental foundation

It is noted that, the PP has submitted the application for prior Environmental clearance for total plot area of 12491.72 m2, FSI area of 14832.74 m2, Non FSI area of 22247.00 m2 and total BUA of 37079.74 m2.

PP stated that, they have submitted the revised application on parivesh website, hence requested to delist the proposal under consideration. Committee accepted the same & **application is forwarded to SEIAA with the recommendation for rejection of the application under consideration**.

appropringes			Dr. Deepak G. Mhalsekan Chairman SEACIET
Abhay Pimparkar (Secretary	SEAC Meeting No: 122 Meeting Date: August	Page 67	Deepak Mhaisekar
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# **DECISION OF SEAC**

PP stated that, they have submitted the revised application on parivesh website, hence requested to delist the proposal under consideration. Committee accepted the same & application is forwarded to SEIAA with the recommendation for rejection of the application under consideration.

**Specific Conditions by SEAC:** 

## FINAL RECOMMENDATION

agroans Abhay Pimparkar (Secretary SEAC-III)

SEAC Meeting No: 122 Meeting Date: August 23, 2021

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Dr. Deepak G. Mhaisekan

### 122nd SEAc-3 meeting- Day-1

#### SEAC Meeting number: 122 Meeting Date August 23, 2021

Subject: Environment Clearance for project by M/s Royal Developers

Is a Violation Case: Yes						
1.Name of Project	LINERA					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Ashok Dhanraj Chordia					
4.Name of Consultant	M/s Sneha Hi-Tech Products					
5.Type of project	Residential and 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	Survey No. 121, Hissa No. 2/1/1,2/2/1,2/3/1, 2/4 &2/5,					
9.Taluka	Mulshi					
10.Village	Wakad					
Correspondence Name:	Mr. Vilas Tambe					
Room Number:						
Floor:	Level 8					
Building Name:	Solitaire World					
Road/Street Name:	Mumbai Bangalore Highway					
Locality:	Baner					
City:	Pune					
11.Whether in Corporation / Municipal / other area	Pimpri-Chinchwad Municipal Corporation					
	Received					
Approval Number	IOD/IOA/Concession/Plan Approval Number: B.P./Wakad/05/2016					
••	Approved Built-up Area: 48282.74					
13.Note on the initiated work (If applicable)33788.62 m2 (FSI Area:12913.67 m2 +NON FSI Area:20874.95 m2)						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable					
15.Total Plot Area (sq. m.)	16827.00					
16.Deductions	5993.02 m2					
17.Net Plot area	10833.98 m2					
	a) FSI area (sq. m.): 20221.59 m2					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 30065.67 m2					
	c) Total BUA area (sq. m.): 50287.26					
	Approved FSI area (sq. m.): 20581.68 m2					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 27701.06 m2					
	Date of Approval: 30-06-2016					
19.Total ground coverage (m2)	2319.60 m2					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	13.78 % of Total plot area(16827 m2) 21.41 % of Net Plot Area (10833.98 m2)					
21.Estimated cost of the project	60000000					

## **22.Number of buildings & its configuration**



Serial number	Building Name & number		umber	Number of floors			Height of the building (Mtrs)		
1	Wing - A			B+Stilt+12		40.45 m			
2	Wing - B			B+Stilt+12		40.45 m			
3	3 Wing - C				B+Stilt+12		40.45 m		
4		Wing - D			B+Stilt+12		40.45 m		
5		Wing - E		Bí	+B2+Stilt+12		42.20 m		
6		Wing - F		В	1+B2+Stilt+4		21.80 m		
23.Number tenants an	r of d shops	Tenements- No. of Show	282 Nos. rooms-4Nos						
24.Number of expected residents / users Residential Users: 1410 Nos. Commercial Users: 140 Nos. Tot					al Users: 1550 Nos.				
25.Tenant density per hectare 167.58 /hector									
26.Height building(s)	of the )	e							
27.Right of way (Width of the road from the nearest fire station to the proposed building(s) 45 m wide Road									
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9 m			×.00°	,			
29.Existing structure (	J (s) if any	Not Applicable							
30.Details demolition disposal (I applicable	of the with f	Not Applicable							
31.Production Details									
Serial Number	Serial Number Proc		Existing	(MT/M)	Proposed (MT	ſ/ <b>M)</b>	Total (MT/M)		
1	Not apj	plicable	Not app	olicable	Not applicab	ole	Not applicable		
32.Total Water Requirement									



		Source of v	water	РСМС							
		Fresh wate	er (CMD):	207.05 m3/day (One Time)							
		Recycled w Flushing (	vater - CMD):	66.25 m3/day							
		Recycled w Gardening	vater - (CMD):	9.00 m3/day							
		Swimming make up ((	pool Cum):	1.40 m3/day							
Dry season:		Total Wate Requireme :	er ent (CMD)	131.80 m3/day							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	250.00m3							
		Fire fightin Overhead v tank(CMD)	ng - water ):	100.00 m3							
		Excess trea	ated water	95.32 m3/day							
		Source of v	water	PCMC							
		Fresh wate	er (CMD):	198.05 m3/	day (One Tin	ne)					
Wet season:		Recycled w Flushing (	vater - CMD):	66.25 m3/day							
		Recycled w Gardening	vater - (CMD):	NA							
		Swimming make up ((	pool Cum):	1.40 m3/day							
		Total Wate Requireme :	er ent (CMD)	131.80 m3/	3/day						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	250.00m3							
		Fire fightin Overhead v tank(CMD)	ng - water ):	100 m3							
		Excess treated water 104.32 m3/day									
Details of Swimming pool (If any) Details of guality to be achieved for swimming pool water and parameters to be monitored: Capital cost: Rs. 12.21 Lakh O & M Cost: Rs. 1.68 Lakh/Year							cored:				
33.Details of Total water consumed											
Particula rs	Consumption (CMD)		Loss (CMD)			Effluent (CMD)					
Water Require ment	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	Level of the Ground water table:	8 to 10 m					
	Size and no of RWH tank(s) and Quantity:	Not Applicable					
	Location of the RWH tank(s):	Not Applicable					
	Quantity of recharge pits:	5 Nos.					
Harvesting (RWH)	Size of recharge pits :	1.5m x 1.5m x 1.5m					
	Budgetary allocation (Capital cost) :	Rs. 10.00 Lakh					
	Budgetary allocation (O & M cost) :	Rs. 1.00 Lakh/Year					
	Details of UGT tanks if any :	Residential & Commercial : Domestic UG tank Capacity - 197 m3 Flushing UG tank Capacity: -100.3 m3 Fire UG tank Capacity: - 250.00 m3					
35.Storm water drainage	Natural water drainage pattern:						
	Quantity of storm water:	163 m3/day.					
	Size of SWD:	150/200mm dia.					
	Sewage generation in KLD:	170.57 m3/day					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	1 No. – 190 m3/day					
Waste water	Location & area of the STP:	110 m2					
	Budgetary allocation (Capital cost):	Rs.39.00 Lakh					
	Budgetary allocation (O & M cost):	Rs. 5.70 Lakh/Year					
	36.Solie	d waste Management					
Waste generation in	Waste generation:	30 Kg/day					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Use for Leveling					
Waste generation in the operation Phase:	Dry waste:	303 kg/day					
	Wet waste:	437 kg/day					
	Hazardous waste:	Not Applicable					
	Biomedical waste (If applicable):	Not Applicable					
	STP Sludge (Dry sludge):	15.35 kg/day					
	Others if any:	NA					

agentitiess?			Dr. Deepak & Mhaisekan Chaisman SEACIII								
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		Dry waste:		Authorized Vendor							
---------------------------------------	----------------------------------	--	----------------	-------------------	-------------------------	------------------	-------------	---------------------------------------	--------------------	---------------------	-------------------------------------
Mode of Disposal of waste:		Wet waste:			Organic Waste Convertor						
		Hazardous	wast	e:	Not Applicable						
		Biomedical waste (If applicable):			Not Applica	Not Applicable					
		STP Sludg sludge):	e (Dry	7	Used as ma	nure a	lfter tr	eatment in C	OWC		
		Others if a	ny:		Not Applica	ble					
		Location(s	):		-						
Area requirem	ent:	Area for th of waste & material:	e sto othei	rage r	50 m2						
		Area for m	achin	ery:	Included in	other	area				
Budgetary	allocation	Capital cos	st:		Rs. 14.75 L	akh					
(Capital co O&M cost)	st and	O & M cos	t:		Rs. 3.06 La	kh/yea	r				
			3	7.Ef	fluent C	hare	cter	estics			*
Serial Number	Paran	neters	U	nit	Inlet E Charect	ffluer eresti	it ics	Outlet I Charect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	plicable	N appli	ot cable	Not ap	plicabl	е	Not applicable		e	Not applicable
Amount of effluent generation (CMD):			Not applicable								
Capacity of the ETP: Not applic			pplica	cable							
Amount of treated effluent Not applic			ipplica	plicable							
Amount of v	water send to	o the CETP:	Not a	pplica	ble	5					
Membershi	p of CETP (if	f require):	Not a	pplica	ble						
Note on ET	P technology	v to be used	Not a	pplica	ble						
Disposal of	the ETP sluc	lge	Not a	pplica	ble						
			3	<b>8.H</b> a	zardous	Was	ste D	etails			
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1	Not app	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable
			3	<b>39.S</b> t	acks em	issio	n De	etails			
Serial Number	Serial Number Section & units		Fu	uel Us Quai	ed with ntity	Stacl	k No.	Height from ground level (m)	Inte dian (r	rnal ieter n)	Temp. of Exhaust Gases
1	500 KVA	A- 01No.	HS	D- 40.	00 lit./hr.	S	-1	2.25 m		-	-
			4	0.De	tails of <b>F</b>	uel	to be	e used			
Serial Number	Тур	e of Fuel			Existing			Proposed			Total
1		HSD			40.00 lit./hr.			-			40.00 lit./hr.
41.Source of	of Fuel			Bhara	at Petroleum	Corpo	oration	Limited/ Hi	ndusta	an Petr	roleum
42.Mode of	Transportat	ion of fuel to	site	By Ro	badway						

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		Total RG area :		1483.20 m2				
		No of trees	to be cut	NA				
43.Gree	n Belt	Number of trees to be planted :		57 Nos.(Pro	oposed) + 15	5 Nos.(Alrea	dy Planted)	
Develop	ment	List of prop native tree	posed s :	57 Nos.(Pro	oposed) + 15	5 Nos.(Alrea	dy Planted)	
		Timeline for completion of plantation :		Before Con	Before Completion			
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be	e plante	d in the ground	
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance	
1	Areca catechu		Supar	i palm	12		Native, Hardy, Fruit bearing, Attracts birds, insects and squirrels	
2	Plumer	ia rubra	Deoc	hapha	1	5	Flowering, Fast growing, Hardy	
3	Cassia fistula		Bał	ava	10		Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.	
4	Putranjiva roxburghii Putr		Putra	njiva 10		0	Evergreen, Native ,Medicinal value, Drought Resistant	
5	Messua	a ferrea	Nag	chafa 10		0	Native, Fragrant flowers, Attracts insects	
45	5.Total qua	ntity of plan	ts on grou	nd				
46.Nun	ıber and	list of sł	nrubs an	d bushes	s species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	nnce		Area m2	
1		-					-	
47.Energy								
Sile								



		Source of power supply :	MSEDCL	
		During Construction Phase: (Demand Load)	93.19 KW	
		DG set as Power back-up during construction phase	62.5 KVA – 1 Nos	3.
Dor		During Operation phase (Connected load):	1260 KW	
require	ement:	During Operation phase (Demand load):	915.31 KW	
		Transformer:	02 Nos. x 630 KV	YA CONTRACTOR OF CONT
		DG set as Power back-up during operation phase:	01No 500 KVA	A
		Fuel used:	40.00 lit./hr.	
		Details of high tension line passing through the plot if any:	Yes	
		48.Energy savi	ng by non-co	onventional method:
<ul> <li>Maximum use of daylight in tenements area by providing appropriate window sizing</li> <li>Use of Energy efficient LED lamps in all public/ common areas.</li> <li>Optimum building orientation</li> <li>Use of energy efficient devices</li> <li>Daylight cum occupancy sensors in parking area lighting</li> <li>Timer control external lighting</li> <li>Solar powered water heating for all tenements</li> </ul>				
		49.Detail	calculations	& % of saving:
Serial Number	Е	nergy Conservation M	easures	Saving %
1	Comn	non area / external lightin	ng on timers	2%
2	U	se of LED lamps in comn	non area	8%
3		Group control for eleva	ators	1.5%
4		Total Energy Savin	g	15 %
		50.Details	of pollution (	control Systems
Source	Ex	isting pollution contro	l system	Proposed to be installed
Air	W	e have provided Part gre	en belt .	-
Water	Existing&	a installed STP of capacity proposed phase & excess used for flushing & gard	ss treated water lening	-
Noise	Acousti	cally enclosed DG set is i monitoring is carried	nstalled.Noise out.	Traffic management plan to be prepared.
Solid Waste	Solid Wet waste & dry waste of existing Waste over to PCMC.			Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to authorized vendor
Budgetary	allocation	Capital cost:	Rs. 30.00 Lakh	
(Capital O&M	cost and cost):	O & M cost:	Rs.1.50 Lakh/Yea	ur

agger or the set			Dr. Deepak & Mhalaskan Chaisman SEACIII
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51	51.Environmental Management plan Budgetary Allocation								
		a	<b>Construction</b>	pha	se (v	vith Bre	ak-up):		
Serial Number	Att	ributes	Parameter			Total (	C <mark>ost per ann</mark> u	ım (Rs. In I	.acs)
1	Air En	vironment	Water for Dust Suppression, Aird Noise Monitoring	& g	0.50				
2	Water E	nvironment	Tanker Water for Construction, Wat Monitoring	r ær	0.50				
3	Land Ei	nvironment	Site Sanitation- Mo toilets	bile			0.50		
4	Socio	Economic	Disinfection- Pes Control, First Aid Facilities, Health Check Up, Creches Children, Food fo children, Persona Protective Equipmo	t d for or al ent	1.00			3	
			b) Operation Pl	has	e (wi	th Breal	k-up):		
Serial Number	Com	ponent	Description		Capi	ital cost Rs Lacs	. In Opera	tional and cost (Rs. in	Maintenance Lacs/yr)
1		STP	Sewage Treatment Plant		39.00 Lakh		5.70 Lakh/year		
2	RWH		Rainwater Harvesting		10.00 Lakh		1.00 Lakh/year		
3	MSW(OWC)		Organic Waste Converter		14.75 Lakh		3.06 Lakh/year		
4	Energ	y System	· .		<b>\$</b>	30.00 Lakh		1.50 Lakh	n/year
5	Land	lscaping	-		15.55 Lakh		1.04 Lakł	n/year	
6	Swimi	ming Pool				12.21 Lakh		1.68 Lakł	n/year
7	Altern S	ate Water upply			-		12.48 Lakh/year		
8	Safety E	Equipment's				10.00 Lakh		2.00 Lakł	n/year
9	Post EC	Monitoring	-		-			2.50 Lakh/year	
10	Dry Mana	agement				-		1.69 Lakł	n/year
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)									
Description Status		Location Caj ir		orage bacity MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applicable	Not Not applicable No		Not applicable	Not applicable	Not applicable	
			52.Any Ot	her	Info	ormation	1		
No Informa	No Information Available								



	53.	Traffic Management
	Nos. of the junction to the main road & design of confluence:	-
	Number and area of basement:	5122.44 m2
	Number and area of podia:	NA
	Total Parking area:	9344.66 m2
	Area per car:	For Basement Parking- 35 m2, For Covered Parking- 30 m2
	Area per car:	For Basement Parking- 35 m2, For Covered Parking- 30 m2
Parking details:	Number of 2- Wheelers as approved by competent authority:	624 Nos.
	Number of 4- Wheelers as approved by competent authority:	202 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	7.5 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)
	Court cases pending if any	No.
	Other Relevant Informations	-
S	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	

agger o aness			Dr. Deepak & Mhalsekan Chaisman SEACIIL
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Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
<b>Energy Management</b>	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
	Priof information of the project by SEAC

Brief information of the project by SEAC



SEAC Meeting No: 122 Meeting Date: August 23, 2021

Dr. Deepak G. Mhaisekan Chaieman SEACIIL Representative of PP Mr. Vilas Tambe was present during the meeting along with Environmental Consultant M/s Sneha Hi-Tech Products

PP informed that, the project under consideration is new residential & commercial project with public parking project. PP further stated that, the total plot area of the project is 14349.29 Sq.mt having total construction area 51616.43 Sq.mt (FSI 21588.95 Sq.mt + NON FSI-30027.48 Sq.mt)

It is noted that proposal under consideration is of Violation of EIA Notification 2006, as amended, defined in MOEF & CC notification dated 14th March 2017 & 8th March 2018.

PP stated that, they have got first Planning/Building permission from Pimpri-Chinchwad Municipal Corporation, for total Built up area of 22846.24 m<sup>2</sup>(FSI 13059.90 m<sup>2</sup> + Non FSI 9786.34 m<sup>2</sup>) vide letter dated 29/08/2011.

PP submitted the Chronology of the project is as bellow-

Sr. No	Particulars	Date
	Planning/Building permission was initially obtained from Pimpri-Chinchwad Municipal Corporation, Pune got proposed total Built up of 22846.24 m²(FSI 13059.90 m² + Non FSI 9786.34 m²).	29/08/2011
	Subsequently the plan was amended for proposed built up area of 22675.34 m²(FSI 12913.66 m² + Non FSI 9761.68 m²).	12/11/2012
	Application submitted to Environmental Clearance	04/09/2012
	SEAC committee has considered our project in 9 <sup>th</sup> SEAC III meeting	13/05/2014
	Received Show Cause Notice on	11/06/2014
	Reply to Show Cause notice	07/07/2014
	Personal Hearing Held on	20/01/2015
	Stop Work Notice received on	16/02/2015
	32 <sup>nd</sup> SEAC III meeting where committee decided to carry out site visit.	25/08/2015
	The site visit was held on	02/10/2015
	46th SEAC III meeting, where committee decided to defer the case.	27/04/2016
	As per MoEF& CC notification dated 14/03/2017 we have applied for grant of ToR to MoEF & CC on	28/08/2017
	4th EAC, MoEF& CC, New Delhi, During meeting committee decided to grant us ToR.	19/02/2018
	received ToR letter prescribing the EIA & EMP	22/06/2018
	Application submitted to ECMPCB Portal	14/03/2019
	ToR has been granted in 88th SEAC III meeting	30/05/2019
	92nd SEAC III meeting, SEAC decided to defer the proposal as the EIA report was not received by the Committee	21/08/2019
	94th SEAC III meeting, SEAC decided to defer the proposal as the EIA report was not received by the Committee	24/09/2019
	EIA report submitted on	16/11/2019
	106th SEC III meeting, where committee ask to comply some points	10/03/2020

The project earlier considered in 88<sup>th</sup>, 92<sup>nd</sup>, 94<sup>th</sup> & 106<sup>th</sup> SEAC-3 meeting held on 30-05-2019, 21-08-2019, 24-09-2019 & 10-03-2020 and noted that proposal under consideration is of Violation of EIA Notification 2006, as amended and defined in MoEF & CC notification dated 14th March 2017 & 8th March 2018. ToR & additional ToR accorded for remediation plan and natural & community resource augmentation plan

Committee noted that, PP has given the possession without EC, completion Certificate, Consent to Establishment and Consent to Operate and that also after receiving the stop work order and even after violation identified. Committee is of the opinion that, the PP wilfully continues the violation. This is very serious environmental issue.

It is noted that, para (4) in Notification dated 14.03.2017 regarding violation stipulates that the cases of violation will be appraised by SEACs with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can be run sustainably under compliance of environmental norms with adequate environmental safeguards; and in case, where the finding of the Expert Appraisal Committee is negative, closure of the project will be recommended along with other actions under the law. In the project under consideration, violation identified in year 2014 as construction initiated by the PP without prior EC and continue with the construction and also gives the possession.

### **DECISION OF SEAC**

Considering this, after deliberation Committee decided to refer the proposal for further necessary legal action in the said matter.

**Specific Conditions by SEAC:** 

## FINAL RECOMMENDATION

Kindly find SEAC decision above.

age others			Dr. Deepat G. Maisekan Chairman SEALIIL
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122nd SEAc-3 meeting- Day-1						
SEAC Meeting number: 122 Meeting Date August 23, 2021						
Subject: Environment Clearance for	Subject: Environment Clearance for Residential Project					
Is a Violation Case: No						
1.Name of Project	Perfect 10					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Rinku Shewani & Mr. Rupesh Banthia					
4.Name of Consultant	Mr. Rajesh S. Shrivastava, Pollution & Ecology Control Services (PECS)					
5.Type of project	Housing Project					
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in existing Environmental Clearance					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes.					
8.Location of the project	S. No. 38/2A, 38/2B, 38/3, Balewadi					
9.Taluka	Haveli					
10.Village	Balewadi					
Correspondence Name:	Mr. Rinku Shewani M/s. Shagun Manav Spaces LLP					
Room Number:	B/14					
Floor:	NA					
Building Name:	Mittal Court Opp. Ashoka Pavillion					
Road/Street Name:	NA					
Locality:	Camp					
City:	Pune- 411001					
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation					
	PMC					
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: CC1611/18					
	Approved Built-up Area: 56944.14					
13.Note on the initiated work (If applicable)	Construction work for Buildings A1-A2 & B1-B2 is complete & construction work for building B3- B4 is in process as per the EC received SEAC-2212/CR463/TC-II dated 06/10/2015. Total completed construction is 32,925.62 sq.m					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	27450.00					
16.Deductions	6272.89					
17.Net Plot area	21177.11					
	a) FSI area (sq. m.): 33612.48					

## 22.Number of buildings & its configuration

b) Non FSI area (sq. m.): 23331.66

Date of Approval: 27-08-2018

6109.52

28.85%

90000000

c) Total BUA area (sq. m.): 56944.14 Approved FSI area (sq. m.): 33612.48

Approved Non FSI area (sq. m.): 23331.66

18 (a).Proposed Built-up Area (FSI &

18 (b).Approved Built up area as per

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open

19.Total ground coverage (m2)

**21.Estimated cost of the project** 

Non-FSI)

DCR

to sky)



Serial number	Buildin	ıg Name & n	umber	Nu	mber of floors	Height	of the building (Mtrs)	
1		A1-A2			P+9		30.10	
2		B1-B2			LP+UP+11		37.45	
3		B3-B4			LP+UP+11		37.45	
4		B5-B6			LP+UP+11		35.5	
5		B7-B8			LP+UP+11		35.5	
6		Club House			G+1		-	
23.Number of tenants and shopsNo. of Tenements- 438 Nos No. of Shops- Nil24.Number of			Nos					
2         3         4         5         6         23.Number of         tenants and shops         24.Number of         expected residents         users         25.Tenant density         per hectare         26.Height of the         building(s)         27.Right of way         (Width of the road         from the nearest fir         station to the         proposed building(s)         28.Turning radius         for easy access of         fire tender         movement from all         around the building         excluding the width         for the plantation		Residential Users- 2190 Nos Commercial Users- Nil						
25.Tenant per hectar	density e	207 Teneme	ents per hect	tor				
26.Height building(s)	of the )							
27.Right o (Width of the from	f way the road earest fire the ouilding(s)	18 M wide a	approach Roa	ad		,00		
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	9 M			×.000			
29.Existing structure	J (s) if any	Yes. Constru B3-B4 as per	iction Comp r previous E	leted for Bu C obtained S	ildings A1-A2, B1-B2 SEAC-2212/CR463/T0	& Construction C-II dated 06/1	n in progress for Building 0/2015.	
30.Details demolition disposal (I applicable	of the with f	NA						
			31.P	roduct	ion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M	[)	Total (MT/M)	
1	Not apj	plicable	Not app	plicable	Not applicable		Not applicable	
		3	2.Tota	l Wate	r Requirem	ent		



		Source of	water	PMC					
		Fresh wate	er (CMD):	197.1					
		Recycled w Flushing (	vater - CMD):	98.55					
Dry season: Wet season: Wet season: Details of Swimming pool (If any) Particula rs Cons Water	Recycled w Gardening	vater - (CMD):	21.82						
	Swimming make up (	pool Cum):	2.4						
	Total Wate Requireme :	er ent (CMD)	319.87						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	300.00					
	Fire fightin Overhead tank(CMD)	ng - water ):	200.00						
		Excess trea	ated water	146.00				•	
Source of water Fresh water (CM			water	PMC					
		Fresh wate	er (CMD):	197.1					
	Recycled w Flushing (	vater - CMD):	98.55						
	Recycled w Gardening	vater - (CMD):	0.00						
		Swimming make up (	pool Cum):	0.00					
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	299.65					
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	300.00					
		Fire fightin Overhead tank(CMD	ng - water ):	200.00					
		Excess tre	ated water	168.00					
Details of pool (If an	Swimming y)	Dimensions Total water Water requ	of Swimmin requiremen ired for mak	g Pool: 22m t: 160 KLD eup: 2.4 KLD	x 6m x 1.2m				
		3	3.Detail	s of Tota	l water o	onsume	d		
Particula rs	Cons	sumption (C	EMD)	]	Loss (CMD)	)	Ef	fluent (CM	D)
Water Require ment	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

Dr. Deepak G. Mhaisekan Chairman SEACH

	Level of the Ground water table:	15-20 M BGL				
	Size and no of RWH tank(s) and Quantity:	NA				
	Location of the RWH tank(s):	NA				
34.Rain Water	Quantity of recharge pits:	5 Nos of recharge pits with bore proposed				
(RWH)	Size of recharge pits :	1.5m x 1.5m x 5.0m				
	Budgetary allocation (Capital cost) :	Rs. 9.25 Lacs				
	Budgetary allocation (O & M cost) :	Rs. 1.2 Lacs /Annum				
	Details of UGT tanks if any :	Flushing UG Tank Capacity: 148.00 KLD Domestic UG tank Capacity: 296 KLD Fire UG Tank Capacity: 300 KLD				
	Natural water drainage pattern:	South to North				
35.Storm water drainage	Quantity of storm water:	4633.43 Cum/Annum				
	Size of SWD:	450 mm to 600 mm				
	•					
	Sewage generation in KLD:	266.09 KLD				
	STP technology:	CWT				
Sewage and	Capacity of STP (CMD):	300 KLD - 1 No				
Waste water	Location & area of the STP:	Shown on Plan				
	Budgetary allocation (Capital cost):	Rs. 100 Lacs				
	Budgetary allocation (O & M cost):	Rs. 10 Lacs/ Annum				
	36.Solie	d waste Management				
Waste generation in	Waste generation:	0.5 Kg/day				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	To be disposed through authorized agency & recyclers				
	Dry waste:	438.00 Kg/day				
	Wet waste:	657.00 Kg/day				
Wasto gonoration	Hazardous waste:	Negligible				
in the operation Phase:	Biomedical waste (If applicable):	NIL				
	STP Sludge (Dry sludge):	Negligible				
	Others if any:	NA				



			Handed over to Authorized agency						
		Wet waste	•	In -Situ Composting					
		Hazardous	s waste:	If generate	d, shall	be ha	anded over to	o authorized	agency
Mode of of waste:	Disposal	Biomedica applicable	l waste (If ):	NA					
		STP Sludge (Dry sludge):		If generate	d, shall	be co	omposted in (	Organic was	te composter.
		Others if a	ny:	NA					
		Location(s	):	As shown o	n maste	er DW	/G		
Area requirement:		Area for th of waste & material:	ne storage a other	Considered	in tota	l area	of 43.83 all	otted for Co	mposter
		Area for m	achinery: Considered		in tota	l area	of 43.83 all	otted for Co	mposter
Budgetary	allocation	Capital cos	st:	Rs. 25.00 L	acs				
(Capital co O&M cost)	):	O & M cos	t:	Rs. 6.00 La	cs/Ann	um			
			37.Ef	fluent C	hared	cter	estics		*
Serial Number	Paran	Parameters		Inlet E Charect	Effluen teresti	t cs	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)
1	Not apj	Not applicable Not application		Not ap	plicable	9	Not app	plicable	Not applicable
Amount of effluent generation (CMD):			Not applica	Not applicable					
Capacity of the ETP:		Not applica	able						
Amount of t recycled :	created efflue	ent	Not applica	able					
Amount of v	water send to	o the CETP:	Not applica	able	5				
Membershi	p of CETP (if	f require):	Not applica	able					
Note on ET	P technology	v to be used	Not applica	able					
Disposal of	the ETP sluc	lge	Not applicable						
	_		<b>38.H</b> a	zardous	Was	te D	etails		-
Serial Number	Descr	iption	Cat	UOM	Exist	ting	Proposed	Total	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	No applio	ot cable	Not applicable	Not applicable	Not applicable
		77	<b>39.S</b>	tacks em	issio	n De	etails		
Serial Number	Section	& units	Fuel Us Qua	sed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not app	plicable	Not ap	plicable	No applio	ot cable	Not applicable	Not applicable	Not applicable
			40.De	tails of <b>F</b>	Fuel t	to be	e used		
Serial Number	Тур	e of Fuel		Existing			Proposed		Total
1	Not	applicable	1	Not applicabl	le	N	lot applicabl	e	Not applicable
41.Source of	of Fuel		Not a	applicable					
42.Mode of	Transportat	ion of fuel to	site Not a	applicable					

approments			Dr. Deepak & Mhaisekan Chaisman SIAC III
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		Total RG a	rea :	3563.00 Sq	m			
		No of trees to be cut :		Nil				
43.Green Belt Development		Number of be planted	trees to :	275 Nos				
		List of prop native tree	oosed s :	list given be	elow			
		Timeline for completion of plantation :		Before com	Before completion of the project			
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be	plantee	d in the ground	
Serial Number	Name of the plant Comm		on Name	Quan	tity	Characteristics & ecological importance		
1	Alianthu	us excelsa Maha		arukh	54		Large deciduous tree, attracting birds, having Medicinal Uses	
2	Azadirac	hta indica	Ne	em	32		Evergreen tree, fast growing, medicinal uses	
3	Millingtoni	ia hortensis	Bι	ıch	47	(	Flowering tree attracting Birds.	
4	Syzygiui	m cumini	Jam	bhul	21		Dense ornamental, fruit bearing tree	
5	Caryot	a urens	Fishta	il Palm	25		Ornamental tree	
6	Anthoc kada	ephalus amba	Kada	amba	33		Shady, large tree, ball shaped flowers	
7	Erythrir	na Indica	pan	gara	25		Native to Western Maharashtra, this Reddish-Orange Flowering and Deciduous tree attracts lot of Birds for the Nectar.	
8	Baauhinia	a blakenea	Kan	chan	16		Quick growing shady tree, attracts bees butterflies & birds.	
9	Manikara	an zapota	Ch	iku	22		This small tree attracts Birds and Bees. Edible Fruit.	
45	5.Total qua	ntity of plan	ts on grou	nd				
46.Nun	ıber and	list of sh	rubs an	d bushes	species t	to be pla	anted in the podium RG:	
Serial Number		Name	P	C/C Dista	nce		Area m2	
1		NA		NA			NA	
				<b>47.E</b> r	nergy			



	Source of power supply :During Constru Phase: (Demand Load)DG set as Power back-up during construction phDuring Operation phase (Connect load):During Operation phase (Demand load):Transformer:DG set as Power back-up during operation			MSEDCL				
		During Cor Phase: (De Load)	nstruction mand	75 KW				
		DG set as F back-up du constructio	Power Iring on phase	NA				
D	Power         requirement:         Auto Timer control for         Use of CFL / LED lamp         Solar powered water have         Electronic V3F Drives f         Solar PV Panel power f         Solar PV Panel power f         1         2         3         4         5         Source         Not         applicable         Budgetary allocation	During Ope phase (Con load):	eration inected	2271 KW				
Power requirement:		During Ope phase (Den load):	eration nand	998 KW				
		Transform	er:	630 KVA- 2 Nos				
		DG set as F back-up du operation p	Power Iring phase:	160 KVA- 1 No	A			
		Fuel used:		HSD				
		Details of h tension line through th any:	nigh e passing e plot if	No HT line passing through the plot				
		<b>48.Ene</b>	rgy savi	ng by non-co	onventional method:			
Auto Timer Use of CFL Solar power Electronic V Solar PV Pa	control for e / LED lamps red water he V3F Drives fo mel power fo	external & Co in all public/ eating . or Elevators or common ar	ommon light: / common ar rea lighting.	ing reas.				
		10						
Serial Energy Conservation M			J.Detail	calculations	& % of saving:			
Serial Number	E	45 nergy Conse	9.Detail	calculations easures	Saving %			
Serial Number 1	E	nergy Conse Solar	<b>9.Detail</b> ervation Mo	calculations easures	5 & % of saving: Saving % 13500 KWH/ Annum			
Serial Number 1 2	E	nergy Conse Solar Timer Lo	P. Detail ervation Mo PV Panels ogic Controll	calculations easures ler	Saving %           13500 KWH/ Annum           92569 KWH/ Annum			
Serial Number 1 2 3	E	nergy Conse Solar Timer Lo Electronic V	P. Detail ervation Mo PV Panels ogic Controll 73F Drive fo	calculations easures ler r lifts	& % of saving:           Saving %           13500 KWH/ Annum           92569 KWH/ Annum           21783 KWH/ Annum			
Serial Number 1 2 3 4	E	nergy Conse Solar Timer Lo Electronic V Solar V	PV Panels PV Panels ogic Controll /3F Drive fo Vater Heate	calculations easures ler r lifts r	& % of saving:           Saving %           13500 KWH/ Annum           92569 KWH/ Annum           21783 KWH/ Annum           609696 KWH/ Annum			
Serial Number           1           2           3           4           5	E	nergy Conse Solar Timer Lo Electronic V Solar W Total Pere	P. Detail ervation Mo PV Panels ogic Controll /3F Drive fo Vater Heater centage sav	calculations easures ler r lifts r ing	& % of saving:           Saving %           13500 KWH/ Annum           92569 KWH/ Annum           21783 KWH/ Annum           609696 KWH/ Annum           18.75 %			
Serial Number           1           2           3           4           5	E	nergy Conse Solar Timer Lo Electronic V Solar V Total Pere 50.	PV Panels ogic Controll 73F Drive fo Vater Heater centage save Details	calculations easures ler r lifts r ing of pollution	& % of saving:         Saving %         13500 KWH/ Annum         92569 KWH/ Annum         21783 KWH/ Annum         609696 KWH/ Annum         18.75 %         control Systems			
Serial Number           1           2           3           4           5           Source	E	nergy Conse Solar Timer Lo Electronic V Solar V Total Per 50. isting pollut	P. Detail ervation Mo PV Panels ogic Controll /3F Drive fo Vater Heater centage sav .Details tion contro	calculations easures ler r lifts r ing of pollution l system	& % of saving:         Saving %         13500 KWH/ Annum         92569 KWH/ Annum         21783 KWH/ Annum         609696 KWH/ Annum         18.75 %         Control Systems         Proposed to be installed			
Serial Number 1 2 3 4 5 5 5 <b>Source</b> Not applicable	E	nergy Conse Solar Timer Lo Electronic V Solar V Total Per 50. isting pollut Not a	PV Panels ogic Controll /3F Drive fo Vater Heater centage sav Details tion contro applicable	calculations easures ler r lifts r ing of pollution l system	& % of saving:         Saving %         13500 KWH/ Annum         92569 KWH/ Annum         21783 KWH/ Annum         609696 KWH/ Annum         18.75 %         control Systems         Proposed to be installed         Not applicable			
Serial Number 1 2 3 4 5 Source Not applicable Budgetary	E	nergy Conse Solar Timer Lo Electronic V Solar V Total Per <b>50.</b> isting pollut Not a Capital cos	9.Detail ervation Mo PV Panels ogic Controll /3F Drive fo Vater Heater centage save .Details tion contro applicable st:	calculations easures ler r lifts r of pollution l system Rs. 83.45 Lacs	& % of saving:         Saving %         13500 KWH/ Annum         92569 KWH/ Annum         21783 KWH/ Annum         609696 KWH/ Annum         18.75 %         Control Systems         Proposed to be installed         Not applicable			
Serial Number 1 2 3 4 5 5 Source Not applicable Budgetary (Capital O&M	Ex allocation cost and cost):	nergy Conse Solar Timer Lo Electronic V Solar V Total Pere 50. isting pollut Not a Capital cos O & M cost	9.Detail ervation Mo PV Panels ogic Controll /3F Drive fo Vater Heater centage save .Details of tion contro applicable st:	calculations easures ler r lifts r ing of pollution l system Rs. 83.45 Lacs Rs. 3.17 Lacs/Ar	& % of saving:           Saving %           13500 KWH/ Annum           92569 KWH/ Annum           21783 KWH/ Annum           609696 KWH/ Annum           18.75 %           control Systems           Proposed to be installed           Not applicable			
Serial Number 1 2 3 4 5 5 Source Not applicable Budgetary (Capital O&M	Ex allocation cost and cost): .Enviro	nergy Conse Solar Timer Lo Electronic V Solar V Total Per 50. isting pollut Not a Capital cos O & M cost	PV Panels ogic Controll /3F Drive fo Vater Heater centage sav Details tion contro applicable st: :: :al Mar	calculations easures ler r lifts r ing of pollution l system Rs. 83.45 Lacs Rs. 3.17 Lacs/Ar hagement	& % of saving:         Saving %         13500 KWH/ Annum         92569 KWH/ Annum         21783 KWH/ Annum         21783 KWH/ Annum         609696 KWH/ Annum         18.75 %         control Systems         Proposed to be installed         Not applicable         num         plan Budgetary Allocation			
Serial Number 1 2 3 4 5 5 Source Not applicable Budgetary (Capital O&M	E Ex allocation cost and cost): .Enviro	As nergy Conse Solar Timer Lo Electronic V Solar V Total Per 50. isting pollut Not a Capital cos O & M cost Dnment a)	PV Panels ogic Controll /3F Drive fo Vater Heater centage sav Details ition contro applicable st: cal Mar Construe	calculations easures ler r lifts r ing of pollution l system Rs. 83.45 Lacs Rs. 3.17 Lacs/Ar hagement ction phase	& % of saving:         Saving %         13500 KWH/ Annum         92569 KWH/ Annum         21783 KWH/ Annum         609696 KWH/ Annum         18.75 %         Proposed to be installed         Not applicable         num         plan Budgetary Allocation         (with Break-up):			
Serial Number 1 2 3 4 5 Source Not applicable Budgetary (Capital O&M 51 Serial Number	E Ex allocation cost and cost): .Enviro	As nergy Conse Solar Timer Lo Electronic V Solar W Total Pero 50. isting pollut Not a Capital cos O & M cost O & M cost Dnment a) (	PV Panels ogic Controll /3F Drive fo Vater Heater centage sav Details ition control applicable st: cal Mar Construct Para	calculations easures easures ler r lifts r ing of pollution l system Rs. 83.45 Lacs Rs. 3.17 Lacs/An hagement ction phase meter	& % of saving:         Saving %         13500 KWH/ Annum         92569 KWH/ Annum         21783 KWH/ Annum         609696 KWH/ Annum         18.75 %         Ontrol Systems         Proposed to be installed         Not applicable         num         plan Budgetary Allocation         (with Break-up):         Total Cost per annum (Rs. In Lacs)			
Serial Number 1 2 3 4 5 5 Source Not applicable Budgetary (Capital O&M 51 Serial Number 1	Ex allocation cost and cost): .Enviro Attril Water for c & lai	A solar Solar Timer Lo Electronic V Solar V Total Pere 50. isting pollut Not a Capital cos O & M cost O & M cost Dnment a) O butes	9.Detail ervation Mo PV Panels ogic Controll /3F Drive fo Vater Heater centage save .Details of tion contro applicable st: :: cal Mar Construct Paran Water Rec	calculations easures easures ler r lifts r ing of pollution l system Rs. 83.45 Lacs Rs. 3.17 Lacs/Ar hagement ction phase meter quirement	& % of saving: Saving % 13500 KWH/ Annum 92569 KWH/ Annum 21783 KWH/ Annum 609696 KWH/ Annum 18.75 % Control Systems Proposed to be installed Not applicable num num Total Cost per annum (Rs. In Lacs) 1.22			

approprises			Dr. Deepak G. Mhalsekan Chaisman SEACIIT
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	Site sa	nitation &							
2	Site So	afety	Health &	Hygiene			1.60		
3	Envir Moi	onmental nitoring	Monitoring Cont	& Pollution trol			1.80		
4	Disi	nfection	Health &	Hygiene			0.50		
5	Health	ı Check Up	Health &	Hygiene			0.50		
		k	) Operati	on Phas	e (wi	th Breal	k-up):		
Serial Number	Con	nponent	Descri	ption	Capi	ital cost Rs Lacs	. In Opera c	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Rain wat	er harvesting	Harvesti	ing Pits		9.25		1.20	
2	5       Health Check Up         rial       Component         1       Rain water harvestin         2       Sewage treatment         3       Organic waste         3       Organic waste         4       Tree plantation         5       Energy Saving         6       Environmental         Monitoring       Official Contents		Waste Water Management			100.00		10.0	0
3	Orga: con	nic waste nposter	Solid V Manag	Waste ement		25.00		6.00	
4	2     Sewage treatment plant       3     Organic waste composter       4     Tree plantation       5     Energy Saving       6     Environmental Monitoring		Landscape Development			40.00	C	7.00	)
5	Energ	gy Saving	Energy Cor	nservation		83.45		3.17	,
6	Envir Mor	onmental nitoring	Pollution	Control		0.00		1.80	
51.S	torag	e of che	micals	(inflan substa	nabl ance	e/expl es)	osive/haz	zardou	s/toxic
Descri	ption	Status	Location	n Ca îi	orage pacity n MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	ble apr	Not olicable	Not applicable	Not applicable	Not applicable	Not applicable
			52.A	ny Othe	r Info	rmation	l		
No Informa	tion Availa	ble							
			53.1	<b>Fraffic</b> N	/Iana	gement			
		Nos. of th to the ma design of	e junction in road &	1					
	<u></u>	confluenc	e:						



	Number and area of basement:	Nil		
	Number and area of podia:	Nil		
	Total Parking area:	15656.20		
	Area per car:	30 Sqm		
	Area per car:	30 Sqm		
Parking details:	Number of 2- Wheelers as approved by competent authority:	940 Nos		
	Number of 4- Wheelers as approved by competent authority:	441 Nos		60
	Public Transport:	Nil		
	Width of all Internal roads (m):	Minimum 6 M		
	CRZ/ RRZ clearance obtain, if any:	NA		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA		
	Category as per schedule of EIA Notification sheet	8 (a)		
	Court cases pending if any	No		
	Other Relevant Informations	NA		
	Have you previously submitted Application online on MOEF Website.	No		
	Date of online submission	-		
SEAC	DISCUSSION	<b>ON ENVIRONME</b>	ENTAL	ASPECTS
Environmental Impacts of the project	-			
Water Budget	-			
Waste Water Treatment	-			
Drainage pattern of the project	-			
Ground water parameters	-			
Solid Waste Management	-			
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Air Quality & Noise Level issues	-
<b>Energy Management</b>	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
	Brief information of the project by SEAC
S	Contraction of the second seco

Abhay Pimparkar (Secretary SEAC-III)

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s noted that, the PP ha		seeting along with environmental consultant M/s. Pollution	& Ecology Control Services (PECS)							
ef information of the p	as submitted the application for pr proposal is as below:	or Environmental clearance for total plot area of 27450.00	m2, FSI area of 33612.48 m2, Non	PSI area of 23331.66 m2 and total BUA	of 38944.14 m2.					
posal Number			EC-MPCB-S	ELAA-STATEMENT-0000001740						
e of Project			Perfect 10							
ect category e of Institution			Schedule 8 Private	(a) Cabegory B2						
ject Proponent			Name		Mr. Binks	Showani & mr. Rupesh Banthia	here #11001			
			Rept. Offic Contact nar	nher	814, Mit 93700533	an court, opp remote ravillon, Village-Camp, Dist-1 30	New York UI			
aliant fee			e mail	in Existing Projectores of Class	accustion.	nanopomolen con				
als of previous EC			Yes. EC obt	ained SEAC-2212/CR463/TC-II dated 0	6/10/2015					
tion of the project			S.No 38/2A	, 38/28,38/3, Village-Balewadi, Taluka	Haveli, District-Pane, State-Maharashtra					
l Plot Area (m2)			27450	N /340 0.00 E						
uctions (m2)			6272.89							
rosed FSI area (m2)			33612.48							
used Non-FSI area (	(m2)		23331.66							
A (m2) approved by	r		50944.14							
ning Authority till d	late		56944.14							
nd coverage (m2) & Project Cost (Rs.)	6%		28.85%							
as per MoEF & CC	circular dated 01/05/2018		Activity			Location		Cost (Rs.)		Duration
			Details in C	ER activities annexure						
als of Bailding Confr	investion :									
									Reason for	
rious EC/									Modification / Cha	inge
ding Ca	configuration	Height	Building			Conferentian		Height		
		(m) Nama			and the second s		(m)			
-			81-82			ск + 12 Г L Pk + U Pk + 11 F		30.10 37.45		7
			83-84			L.Pk + U.Pk + 11 F		37.45		
-		- -	87-88			L.Pk + U.Pk + 11 F L.Pk + U.Pk + 11 F		35.5		
		ŀ ,	Chub House			G + 1 F				
er Budget	Dry Searce (C	438 4D)				Wet Season (CMD)				
	Fresh Water			197.1		Fresh Water		197,1		
	Recycled Sectored			120.37		Recycled Swimming Pool		98.55		
	Flushing			98.55		Finshing		98.55		
	Total			319.87		Total		299.65		
	Waste water Generation			266.09		Waste water generation		266.05		
er Storage										
city for Firefighting	g / As per NOC									
rce of water	PMC									
water Harvesting (F	RWH) Level of the Gr	ound water table					15-20m			
	Size and no of Quantity and s	RWH tank(s) and Quantity ne of recharge mits					N.A. Dastity: 5 New & Size: 1.5mX1.5mX5m			
	Details of UGT	tanks if any					Domestic		296	
							Pushing		148	
uge and	Sewage genera	tion in CMD			266.09					
ste water	STP technolog	r 2 (2947))			CWT					
id Waste	Type	(CHD)		Quanti	ty (kg/d)		Treatm	ent / disposal		
napement during Cor	natruction Dry waste			3			Through	h authorized agency		
80	Wet waste Construction w	uste		5			Three	h authorized agency h authorized agency		
id Waste Managemer rotion Phase	nt during Type			Quanti	ty (kg/d)		Treatm	ent / disposal		
	Dry waste Wet waste			438 657			Hande In-situ	l over to Authorized Agency Composting		
	Hazardous wa	te		Negligi	ible		Negžg	ble		
	Recordical wa	de		N.A.			N.A.	and the Anthonianal Discovertion / Researcher		
	STP Sludge (di	(1)		Negligi	ible		In-situ	Compositing		
m Belt	Total RG area	m2)			3563					
dopment	Number of tree	n to be planted			275					
	Number of tre	is to be cut				·				
w.	Number of tro Source of pow	a an me meunionanaa			MSEDCL			_		
irement	During Constr	ction Phase (Demand Load)			25 310					
	During Operat During Operat	on phase (Connected load) on phase (Demand load)			2271 kW 938 kw					
	Transformer				630 kVA X 2 Nes.					
	DG set				160 kVA X 1 Nox					
ils of Energy saving	g Measures to re	dace energy consumption:			nav.					
	Ø Generally w	have proposed high efficiency transformer, motors etc. to	reduce losses.		in hard enter h			- 20 K day to obtain the		
	Ø Electronic B No.	mano alli illergy encient lamp source either triposphere s Details	see all are proposed for common as	new general splitty will automatic to	soor season control to save power by switching	my son to UFF the lights at appropriate time. The esti	Cost	www.wdue to anopting above measures.		
ronmental	1	Water for Construction, Labour & Dust Suppres	nin				Rs. 1.22 Lars			
apement plan budge	et during 3	Site Sanitation & Health & Safety PPE Kits Environmental Monitoring					Rs. 1.60 Lacs Rs. 1.80 Lacs			
a section phase	4	Disinfection & Health & Safety					Rs. 0.50 Lacs			
ormental	5 Commercent	Health Check up			Detail-		Rs. 0.50 Lacs	Carotal (Rs. In Larv)		OSM (Ba. In
pement plan Badge	et during							Colour (no. in 1900)		Lacs(Yr)
stand phase	Sewage treatm	et			Waste Water Management			100.00		10.00
	RWH Solid Waste		-		RWH Pits Organic Waste Comvestion			9.25 25.00		6.00
	Green helt dev	alopment			Tree Plantation			40.00		7.00
	Energy sesting				Energy Conservation			83.45		3.17
		Damann			Fire & LA			136.50		6.82
	Environmental Disaster Mana	punent.			Biomedical Waste Manager	seat				1
	Environmental Disaster Mana PPE Kits Hear	nations h & Sabety				Metrial Presided		Parking Area (m2)		
fic	Environmental Disastar Mana PPE Kits Park Typs 4-Whosley	s & Sadehy Bequired as pe 641	r DCR			441				
fic agement	Erreinsensenhal Dissaster Mana 1928 Kite Fauge 1733 4-Witessler 2-Witessler	a & Solery A & Solery 8411 240	r DCR			441 940		15656.20		
dic tagement	Environmental Disaster Mana 1928 Kits Hait 75ps 4-Hibesler 2-Wheeler Bicycles	A & Salety A & Salety Bequired as pa 441 940	r DCR			441 940		15656-20		



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

#### **Specific Conditions by SEAC:**

**1)** PP to submit the structural stability certificate regarding UGT slab.

2) PP to submit & upload the six monthly report.

3) PP to submit the dated Architect certificate addressed to committee regarding building-wise construction done on site as per earlier EC. Also to submit undertaking stating work carried out is as per EC accorded.

4) Environment consultant stated that, they have installed Phytorid technology for sewerage treatment plant and they have achieved BoD 5.81, Environment Consultant to submit the detailed certified report.

5) PP to provide minimum 25 % of total parking arrangement with electric charging facility by providing charging points at suitable places.

### FINAL RECOMMENDATION

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

aggroanses Abhay Pimparkar (Secretary SEAC-III)

SEAC Meeting No: 122 Meeting Date: August 23, 2021

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Dr. Deepak G. Mhaisekan Chaisman SEACIIL

### 122nd SEAc-3 meeting- Day-1

#### SEAC Meeting number: 122 Meeting Date August 23, 2021

Subject: Environment Clearance for Construction Project by M/s Shree Anand Venkateshwara Associates

#### Is a Violation Case: No

1.Name of Project	Royal Court					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Shrirang Chandu Barne & Mr. Mohanlal Kanhaiyalal Sancheti					
4.Name of Consultant	M/s JV Analytical Services					
5.Type of project	Residential & 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	S. No. 20P + 23P					
9.Taluka	Mulshi					
10.Village	Thergaon					
Correspondence Name:	Mr. Shrirang Chandu Barne & Mr. Mohanlal Kanhaiyalal Sancheti					
Room Number:						
Floor:						
Building Name:	Pudumjee Paper mill					
Road/Street Name:	Dange Chowk					
Locality:	Thergaon					
City:	Pune					
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation					
	IOD Received					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: BP/ENVIRONMENT/Thergaon/1/2012					
	Approved Built-up Area: 39382.46					
13.Note on the initiated work (If applicable)	34647.83 m2 (Wing A-2P+12, Wing B-2P+ 12, Wing C-2P+11 & Wing D- 2P+6 completed)					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	11550.00 m2					
16.Deductions	2395.09 m2					
17.Net Plot area	9154.91 m2					
	a) FSI area (sq. m.): 17814.63 m2					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 21567.83 m2					
	c) Total BUA area (sq. m.): 39382.46					
	Approved FSI area (sq. m.):					
18 (b).Approved Built up area as per	Approved Non FSI area (sq. m.):					
DOR	Date of Approval:					
19.Total ground coverage (m2)	2657.76 m2					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.01 % of Total Plot Area (11550.00 m2) & 29.03 % of Net Plot Area (9154.91 m2)					
21.Estimated cost of the project	70000000					
22.Number of buildings & its configuration						

### 22.Number of pullutings & its configuration



Serial number	Buildin	g Name & n	umber	Nu	mber of floo	rs	Height of the building (Mtrs)		
1		Wing A			2P + 12		40.65		
2		Wing B			2P + 12	40.65			
3		Wing C			2P + 11		37.65		
4		Wing D			2P + 12		40.65		
5	Com	mercial Build	ling	(	Ground Floor		3.65		
23.Number tenants an	r of d shops	Total Tenem Shops - 5 No	ents- 278 N os.	OS.					
24.Number expected r users	r of e <b>sidents</b> /	Residential I	Users- 1390	nos. Comme	ercial Users –	34 nos. Tot	al Population: 1424 Nos.		
25.Tenant per hectar	<b>density</b> e	y 240.69							
26.Height building(s)	of the								
27.Right o (Width of t from the n station to t proposed h	27.Right of way (Width of the road from the nearest fire station to the proposed building(s)								
28.Turning for easy ac fire tender movement around the excluding for the pla	<pre>'urning radius easy access of tender ement from all und the building uding the width be plantation</pre>								
29.Existing structure (	J s) if any	Not Applicat	ole						
30.Details of the demolition with disposal (If applicable) Not Applicable									
			31.P	roduct	ion Det	ails			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed	(MT/M)	Total (MT/M)		
1	Not app	plicable	Not app	olicable	Not appl	icable	Not applicable		
32.Total Water Requirement									



		Source of	Source of water PCMC							
		Fresh wate	er (CMD):	210.88 m3/day (One Time)						
		Recycled w Flushing (	vater - CMD):	63.40 m3/da	ay					
	vater - (CMD):	6.70 m3/day	y							
		Swimming make up ((	pool Cum):	10.00 m3/da	ay					
Dry season:	:	Total Wate Requireme :	er ent (CMD)	140.78 m3/d	day					
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	200 m3	200 m3					
		Fire fightin Overhead v tank(CMD)	ng - water ):	80 m3				<b>O</b>		
		Excess trea	ated water	105.65 m3/0	day			•		
		Source of v	water	PCMC						
		Fresh wate	er (CMD):	204.18 m3/0	day (One Tin	ne)				
Recycled water - Flushing (CMD):63.40 m3/day										
Recycled water - Gardening (CMD):0.00 m3/day										
		Swimming make up ((	pool Cum):	10.00 m3/da	ay					
Wet season	•	Total Wate Requireme :	er ent (CMD)	140.78 m3/0	day					
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	200 m3						
		Fire fightin Overhead v tank(CMD)	ng - water ):	80 m3						
		Excess trea	ated water	112.35 m3/0	day					
Details of S pool (If any	wimming	Dimension of Kids Pool Si Total water Make up wa Details of P Details of q Budgetary a Capital cost O & M cost:	of Swimming ize: 10.23 m2 Requirement ater requirement ant & Mach uality to be a allocation (Ca :: Rs. 25.00 I e Rs. 0.18 La	Pool: Main pool Size: Area 71.40 m2 2 x 0.6 MD It in KLD: 10.000 lit nent in KLD: 5000 lit/Week inery used for treatment of Swimming pool water: - achieved for swimming pool water and parameters to be monitored: apital cost and O &M cost): _akh kh/year						
		3	3.Detail	s of Tota	l water o	onsume	d			
Particula rs	Cons	sumption (C	EMD)	]	Loss (CMD)		Ef	fluent (CM	D)	
Water Require ment	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	

agentaness			Dr. Deepat G. Maisekan Chairman SEACH
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	Level of the Ground water table:	• Summer Season - 15.33 m. t Rainy Season - 5.67 m. to 11.0 Season - 10.50 m. to 15.00 m.	o 19.00 m. B 0 BGL. (8.34 BGL. (12.75	GL. (17.17 M. Average) • I M. Average) • Winter M. Average)				
	Size and no of RWH tank(s) and Quantity:	NA						
	Location of the RWH tank(s):	NA						
34.Rain Water Harvesting	Quantity of recharge pits:	3 Nos.						
(RWH)	Size of recharge pits :	Size - 2 M. X 2 M. X 2 M.						
	Budgetary allocation (Capital cost) :	Rs. 3.00 Lakh						
	Budgetary allocation (O & M cost) :	Rs. 0.25 Lakh/year						
	Details of UGT tanks if any :	Domestic UG tank Capacity:257.00 m3 Flushing UG tank Capacity:106.00 m3 Fire UG tank Capacity:200.00 m3						
	Natural water drainage pattern:	-						
35.Storm water drainage	Quantity of storm water:	350.30 m3 /hr.						
	Size of SWD:	600 mm						
	l							
	Sewage generation in KLD:	175.75 m3/dây						
	STP technology:	MBBR						
Sowago and	Capacity of STP (CMD):	1 No. & Capacity - 185 m3/day						
Waste water	Location & area of the STP:	Area = 77.15 m2						
	Budgetary allocation (Capital cost):	Rs.18.50 Lakh						
	Budgetary allocation (O & M cost):	Rs.9.16 Lakh/year						
	36.Soli	d waste Managen	nent					
Wasta ganangting t	Waste generation	50 kg/day						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Use for Leveling						
	Dry waste:	283.00 kg/day						
	Wet waste:	420.00 kg/day						
	Hazardous waste:	NA						
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA						
r 11496:	STP Sludge (Dry sludge):	15.81 kg/day						
	Others if any:	-						
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		Dry w	aste:			Authorized	vende	r					
		Wet w	vaste:			Organic wa	ste coi	nverto	r				
		Hazar	dous	waste:		NA	NA						
Mode of Disposal of waste:Biomedical waste (If applicable):					If	NA							
STP Sludge (Dry sludge):						Used as Ma	inure a	lfter tr	reatme	nt in (	OWC		
		Other	's if ai	ny:		-							
		Locat	ion(s)	):		-							
Area requirem	ent:	Area f of was mater	for the ste & rial:	e storage other	e	71 m2							
		Area f	f <mark>or m</mark> a	achinery	:	Included in other Area							
Budgetary	allocation	Capita	al cos	t:		Rs.14.75 La	kh						
O&M cost)		0 & M	1 cost	•		Rs.3.15 Lak	kh/year						
				37.]	Eff	<b>luent C</b>	hare	cter	estic	S		Ň	*
Serial Number	Paran	neters		Unit		Inlet E Charect	ffluen eresti	it cs	Ou Ch	utlet l arect	Efflue erest	nt ics	Effluent discharge standards (MPCB)
1	Not ap	plicable	)	Not applicab	le	Not ap	plicabl	e	N	lot app	plicabl	le	Not applicable
Amount of e (CMD):	effluent gene	eration		Not appli	icak	ole							
Capacity of	the ETP:			Not appli	icab	ole							
Amount of t recycled :	reated efflue	ent		Not appli	icab	ole							
Amount of v	water send to	o the Cl	ETP:	Not appli	icab	ole	5						
Membershi	p of CETP (if	f requir	e):	Not appli	icab	ole							
Note on ET	P technology	ν to be ι	used	Not appli	icab	ole							
Disposal of	the ETP sluc	lge		Not appli	icak	ole							
				<b>38.</b> F	Iaz	zardous	Was	te D	etai	s			
Serial Number	Descr	iption		Cat		UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1	Not apj	plicable		Not applicabl	le	Not applicable	N appli	ot cable	No applio	ot cable	N appli	ot cable	Not applicable
				<b>39</b> .	Sta	acks em	issio	n De	etails	5			
Serial Number	Section	& unit	ts	Fuel Qu	Use uan	ed with htity	Stacl	« No.	Heig fro grou level	ght m und (m)	Inte dian (r	ernal neter n)	Temp. of Exhaust Gases
1	DG Set - (Exis	62.5 K\ sting)	/A	HSD - 1	3.5	Liters/Hr	S ·	- 1	6.0	m	As No:	per rms	-
2	DG Set - (Exis	- 40 KV sting)	A	HSD - 6.5 Liters/Hr			S -	2	5.5	m	As No:	per rms	-
				<b>40.</b> D	)et	ails of F	uel	to be	e use	d			
Serial Number	Тур	oe of Fu	uel			Existing			Prop	osed			Total
1		HSD			2	20 Ltrs./Hr 20 Ltrs./Hr.				20 Ltrs./Hr.			
41.Source of	of Fuel			Bh	arat	t Petroleum	Corpo	ration	Limite	ed/Hir	ndusta	n Petro	oleum
													Junipetar

approver			Dr. Deepak G. Mhaisekan Chairman SEACIII
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42.Mode of	Transportat	ion of fuel to	site By ro	adway			
		T 1 1 D C		1012.05	<u></u>		
		Total RG a	rea :	1017.85 m2	<u>.</u>		
		:		-			
43.Green Belt Development		Number of trees to be planted :		76			
		List of prop native tree	posed s :	-			
Timeline for completion of plantation :			or 1 of :	-			
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be plante	d in the ground	
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance	
1	Albizzia	a lebbek	Shi	rish	02(Proposed)	Native, deciduous, fragrant flowers	
2	Arec	a nut	Bettl	e nut	05 (Proposed) + 12 (Existing)	Native, for shade, medicinal value	
3	Azadirachta indica		Ne	em	02(Proposed)	Native, semi deciduous for shade, medicinal value, for air purification	
4	Bauhenia	Purpurea	Kano	chan	09(Proposed)	Native, Evergreen, pink flowers	
5	Callestemon/ Beafortia		Bottle Brush		02(Proposed)	For Beautification, showy flowers, as a seasonal feature	
6	Casuarina equisetifolia		Suru		02(Proposed)	Native, for shade, attracts birds and insects	
7	Cocos r	nucifera	Coconut		01(Proposed)	Native, fruit bearing, attracts birds	
8	Codeum \	/iriegatum	Petra Palm		02(Proposed)	Native, interesting foliage and flowering, for beautification	
9	Deloni	x Regia	Gulmohar		02(Proposed)	For Beautification, showy flowers, as a seasonal feature	
10	Fie	cus	Ficus		02(Proposed)	Native, evergreen, beautiful foliage fragrant flowers	
11	Mangife	ra Indica	Mai	ngo	11 (Proposed) + 01 (Existing)	Native evergreen gives shade, fruits, attracts birds and insects, cultural significance	
12	Manilka	ra zapota	Chio	ckoo	01 (Proposed)	Evergreen, for fruits, medicinal value	
13	Phyllanth	us emblica	An	ıla	02(Proposed)	Native, deciduous, for fruit, medicinal value	
14	Plume	ria alba	Ch	afa	09 (Proposed)+ 06 (Existing)	Native, evergreen, for beautiful fragrant flowers	
15	Prunus a	mygdalus	Bac	lam	02 (Proposed)+ 04 (Existing)	Evergreen, fruit bearing	
16	Saraca	indica	Sita A	Ashok	01 (Proposed)+ 03 (Existing)	Native deciduous, beautiful flowers, medicinal value	
17	Spat	hodia	Spatl	nodia	02(Proposed)	For Beautification, showy flowers, as a seasonal feature	
18	Syzygiu	m cumini	Jan	nun	01(Proposed)	Native, Evergreen for fruit	
19	Тор	obea	Торо	obea	02(Proposed)	Native, Deciduous, beautifulflowers, medicinal value	



20	Pink ta	Pink tabebuia Tabebuia			01(Pro	posed)	Deciduous, for beautification, showy pink flowers	
21	Caryot	a urens	Fishta	il palm	02 (Propo (Exis	osed)+ 17 sting)	Native, interesting foliage and flowering for beautification	
22	Ficus r	religiosa Pim		nple	02 (Propo (Exis	osed)+ 01 sting)	Native, for shade, medicinal value, attracts birds and insects	
23	Gardenia j	asminoides	An	ant	06(Pro	posed)	Native, evergreen, fragrant flowers	
24	Bauhinia	racemosa	Apta	ı tree	02 (Ex	isting)	Native, religious significance, medicinal value	
25	Hibi	iscus	Jasv	vand	05 (Propo (Exis	osed)+ 08 sting)	Flowering plant, medicinal value	
45	.Total qua	ntity of plants o	on grou	nd				
<b>46.Num</b>	nber and	list of shru	bs an	d bushes	s species	to be pl	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1		-		-				
				47.EI	nergy		~~	
		Source of pow supply :	er	MSEDCL				
	During Const Phase: (Dema Load)		ruction nd	30 KW				
		DG set as Pow back-up durin construction	er g ohase	40 KVA - 1 No.				
D		During Opera phase (Conne load):	tion cted	1406 KW				
require	ement:	During Opera phase (Demar load):	tion d	1249 KVA				
		Transformer:		22 KV/630 KVA - 3 Nos.				
DG set as Power back-up during operation phase: Fuel used:		DG set as Pow back-up durin operation pha	er g se:	62.5 KVA -	62.5 KVA - 1 No. & 40 KVA - 1 No.			
			HSD					
Details of high tension line passing through the plot if any:			Not Applicable					
48.Energy saving by non-conventional method:							nethod:	
<ul> <li>Solar wat</li> <li>Solar ligh</li> <li>LED base</li> <li>walls etc.</li> </ul>	<ul> <li>Solar water heating systems will be done for bathrooms.</li> <li>Solar lights will be provided for common amenities like Street lighting &amp; Garden lighting.</li> <li>LED based lighting will be done in the common areas, landscape areas, signage's, entry gates and boundary compound walls etc.</li> </ul>							

• Auto Timer switches will be provided for Street lights, Garden lights, Parking & staircase Lights & other common area Lights, for saving electrical energy.
• Water level controllers with timers will be used for Water pumps.
• To create awareness to end consumer or flat owner, for using energy efficient light fittings like CFL, T5 Lamps & LED

lights.

### **49.Detail calculations & % of saving:**

agenorations?			Dr. Deepsk & Maischan Chairman SEACIII
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Serial Number	Energy Conservation Measures					Saving %		
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.					24	509.75 KWH/Annum	
2	Up Ligh	ter - Light F	itting For La	ndscape Are	a.		350.4 KWH/Annum	
3	Bollard Li	ghter - Light	Fitting For	Landscape A	rea.		255.5 KWH/Annum	
4	Solar Stre	et Light Fitti	ng - Pole Lig	ht On Road S	Side.		2190 KWH/Annum	
5		Street Lig	ght on the Bl	dg.			1314 KWH/Annum	
6	Energ	y Saving by	Solar Hot W	ater System.		3	06000 KWH/Annum	
		50	.Details	of polluti	ion o	control Syste	ms	
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed	
Air	]	Partly tree pl	antation con	npleted		Remaining 76 tre	es will be planted after construction	
Water			-			STP will be instal fl	led & excess treated water used for ushing & gardening	
Noise	Acou	stically encl	osed DG set	is installed.		Noise monitorir	ng will be done in once a fortnight.	
Solid Waste			-			Wet Waste will be Used as Manure wi	e treated in OWC. STP sludge will be after treatment in OWC Dry Waste Il be given to SWACH	
Budgetary	allocation	Capital cos	st:	Rs. 33.44 L	akh		3	
(Capital O&M	<b>Al cost and</b> (M cost): O & M cost: Rs. 1.00 Lakh/Ye					ır		
51	51.Environmental Management plan Budgetary Allocation							
	a) Construction phase (with Break-up):							
Serial Number	Attri	butes	Parai	neter		Total Cost p	er annum (Rs. In Lacs)	
1	Air Envi	ronment	Water f Suppress Noise M	for Dust ion, Air & onitoring	¥	0.50 Lakh/Year		
2	Water En	vironment	Tanker V Construct Monit	Vater for ion, Water toring		0.50 Lakh/Year		
3	Land Env	vironment	Site Sat -Mobile	nitation e toilets		0.50 Lakh/Year		
4	Socio-economic Socio-economic Socio-economic Socio-economic For Children children, P Protective E		ion- Pest First Aid s, Health o, Creches en, Food for Personal Equipment	Pest st Aid ealth reches 1.00 Lakh/Year Food for rsonal				
	b) Operation Phase (with Break-up):							
Serial Number	Comp	onent	Descr	iption	Cap	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	S	ГР		-	F	Rs.18.50 Lakh	Rs.9.16 Lakh/Year	
2	RV	VH		-		Rs.3.00 Lakh	Rs.0.25 Lakh/Year	
3	MS	SW		-	I	Rs.14.75Lakh	Rs.3.15 Lakh/Year	
4	Solar S	System		-	F	Rs.33.44 Lakh	Rs.1.00 Lakh/Year	
5	Lands	caping		-	F	Rs.13.80 Lakh	Rs.7.00 Lakh/Year	
6	Swimm	ing Pool		-	F	Rs.25.00 Lakh	Rs.0.18 Lakh/Year	

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7	Safety E	Safety Equipment		-		Rs.10.00 Lakh		Rs.2.00 Lakh/Year		
8	Post EC Monitoring			-		-		Rs.2.50 Lakh/Year		
9	9 Dry Waste Management			-		-		Rs.1.16 Lakh/Year		
51.S	torage	e of ch	emicals	(inflamable/explosive/hazardous/toxic						
substances)										
Description		Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumpt / Month MT	ion in Source of Supply	Means of transportation	
Not applicable		Not applicable	Not applicable		Not applicable	Not applicable	Not applica	able Not applicable	Not applicable	
52.Ar					her Inf	ormation	1			
No Informa	tion Availab	ole								
53.Traffic Management										
Nos. of the junction to the main road & design of confluence:										
		Number and are basement:		NA						
		Number podia:	Number and area of podia:							
		Total Parking area:		7250.00 m2						
		Area per car:		49.65 m2						
		Area per car:		49.65 m2						
Parking	g details:	Number of 2- Wheelers as approved by competent authority:		580						
		Number of 4- Wheelers as approved by competent authority:		146						
		Public Transport:		Not Applicable						
		Width of all Internal roads (m):		6.0 m & 7.5 m						
		CRZ/ RRZ clearance obtain, if any:		NA						
		Distance Protecte Criticall areas / I areas/ in boundar	e from ed Areas / y Polluted Eco-sensitive ater-State ies	NA						

age of the set			Dr. Deepak G. Mhaisekan Chaisman Stac.III
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	Category as per schedule of EIA Notification sheet	8(a)					
	Court cases pending if any	No					
	Other Relevant Informations	-					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS							
Environmental Impacts of the project	-						
Water Budget	-						
Waste Water Treatment	-						
Drainage pattern of the project	-						
Ground water parameters	-						
Solid Waste Management	-						
Air Quality & Noise Level issues	-						
Energy Management	-						
Traffic circulation system and risk assessment	-						
Landscape Plan	-						
Disaster management system and risk assessment	-						
Socioeconomic impact assessment	- 0						
Environmental Management Plan							
Any other issues related to environmental sustainability	-						
	<b>Brief informa</b>	tion of the project by SEAC					



Representative of PP was present during the meeting along with environmental consultant M/s. JV Analytical Services

It is noted that, the PP has submitted the application for prior Environmental clearance for total plot area of 11550.00 m2, FSI area of 17814.63 m2, Non FSI area of 21567.83 m2 and total BUA of 39382.46 m2.

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

# **DECISION OF SEAC**

PP & Environment Consultant requested time for better preparation, **In view of above, the** proposal is deferred and will be considered as & when PP and environment consultant are ready with all details & inform concerned accordingly.

Specific Conditions by SEAC:

# FINAL RECOMMENDATION

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

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