103 SEAC-3 meeting day 01

SEAC Meeting number: 103 Meeting Date February 11, 2020

SLAC Mee	ang number: 105 Meeting Date February 11, 2020				
Subject: Environment Clearance for	r Residential Construction Project				
Is a Violation Case: No					
1.Name of Project	Residential Construction Project				
2.Type of institution	Private				
3.Name of Project Proponent	M/s Kunal Realty				
4.Name of Consultant	Not yet appointed				
5.Type of project	Housing Project				
6.New project/expansion in existing project/modernization/diversification in existing project	New Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA				
8.Location of the project	S. No. 164/6, CTS No. 3506 (P), Bhoir Nagar, Chinchwad				
9.Taluka	Haveli				
10.Village	NA				
Correspondence Name:	Mr. Hemendra Shah				
Room Number:	NA				
Floor:	Ground Floor				
Building Name:	Kunal House				
Road/Street Name:	Off Bhandarkar Road				
Locality:	Near Kamla Nehru Park				
City:	Pune				
11.Whether in Corporation / Municipal / other area	РСМС				
	In Process				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: In Process				
	Approved Built-up Area:				
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.)	21620.22 sq. m.				
16.Deductions	4813.64 sq.m				
17.Net Plot area	16806.58 sq.m				
18 (a).Proposed Built-up Area (FSI &	a) FSI area (sq. m.): 36690.63 sq.m				
Non-FSI)	b) Non FSI area (sq. m.): 36539.84 sq.m				
	c) Total BUA area (sq. m.): 73230.47				
18 (b).Approved Built up area as per	Approved FSI area (sq. m.):				
DCR	Approved Non FSI area (sq. m.):				
	Date of Approval: 01-01-1900				
19.Total ground coverage (m2)	3109.5				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.5 %				
21.Estimated cost of the project	150000000				
	her of huildings & its configuration				
	ner of officiality of the confiduration				

22.Number of buildings & its configuration

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 1 of	Name: Kare Ami D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Buildin	ig Name & nu	mber	Nu	mber of floo	rs	Height of the building (Mtrs)
1	Bu	uilding 1 - 1 No.]	P + 16 Floors	46.40	
2	Bu	uilding 2 - 1 No.		2	P + 16 Floors		46.40
3	Bu	uilding 3 - 1 No.	,	2	P + 16 Floors		46.40
4	Bu	uilding 4 - 1 No.		2	P + 16 Floors		46.40
5		Club House			G + 1		7.70
23.Number tenants an		No. of Teneme	ents - 526 M	Nos			
24.Number expected rusers		No. of expecte	ed Resident	ts - 2630			
25.Tenant per hectar		250					
26.Height building(s)							3
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)						100	
28.Turning for easy ac fire tender movement around the excluding for the pla	cess of from all building the width	9 M			.00	90	
29.Existing structure (Temporary sh	eds				
demolition disposal (I	30.Details of the demolition with disposal (If applicable)						
			31.P	roduct	ion Det	ails	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed	(MT/M)	Total (MT/M)
1	N	IA	NA	4	NA		NA
32.Total Water Requirement							

Joy S. Thakur Halu			Name: Kare Ani) D Signature:
	SEAC Meeting No: 103 Meeting Date: February		
SEAC-III)	11, 2020	24	SEAC-III)

	Source of water	PCMC				
	Fresh water (CMD):	244 KLD				
	Recycled water - Flushing (CMD):	123 KLD				
	Recycled water - Gardening (CMD):	24 KLD				
	Swimming pool make up (Cum):	4 KL				
Dry season:	Total Water Requirement (CMD) :	395 KLD				
	Fire fighting - Underground water tank(CMD):	618 KLD				
	Fire fighting - Overhead water tank(CMD):	10 KLD/Building				
	Excess treated water	196 KLD				
	Source of water	PCMC				
	Fresh water (CMD):	244 KLD				
	Recycled water - Flushing (CMD):	123 KLD				
	Recycled water - Gardening (CMD):	NA				
	Swimming pool make up (Cum):	NA				
Wet season:	Total Water Requirement (CMD) :	367 KLD				
	Fire fighting - Underground water tank(CMD):	618 KLD				
	Fire fighting - Overhead water tank(CMD):	10 KLD/Building				
	Excess treated water	220 KLD				
	MAIN POOL DEPTH: 1.2	M X 5 M BABY POOL SIZE : 10 sq mtrs X 0.6 M DEEP 2 M BABY POOL VOLUME: 6,000 Litres 81,000 Litres BAL. TANK VOLUME: 9,000 Lit 4E: 96,000 Lit				
C	Free chlorine for Private Pools: 1 to 1.5 ppm (mg/l)*					
	Super-chlorination at lea	ast 3.0/5.0 ppm (mg/1)				
Details of Swimming pool (If any)	Shock Treatment (heavy	v algae) at least 10 ppm (mg/1)				
, , , , , , , , , , , , , , , , , , ,	рН 7.2 - 7.6					
	Total Alkalinity 80 to 12	0 ppm (mg/1)				
	Calcium Hardness 200 p	opm Minimum				
	Total Dissolved Solids le	ess than 1500 ppm (mg/1) for pools				
	Cyanuric Acid (Stabilise	r) less than 100 ppm (mg/1)				
	•					

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 3 of	Name: Kare Ami) D Signature: Shri. Anil Kale (Chairman SEAC-III)
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		3	3.Detail	s of Tota	l water co	onsume	d			
Particula rs	rs Consumption (CMD)		Loss (CMD)			Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requireme nt	NA	244 KLD	244 KLD	NA	24 KLD	24 KLD	NA	220 KLD	220 KLD	
Gardening	NA	24 KLD	24 KLD	0 KLD	24 KLD	24 KLD	NA	NA	NA	
		Level of the water table			n- 10 to 12 M round level.	t. Mt. belo	w ground lev	vel. Post mons	soon- 4 to 6	
		Size and no tank(s) and Quantity:		NA			0	5		
		Location of tank(s):	the RWH	NA			0	Y		
34.Rain V Harvestir		Quantity of pits:	recharge	6 Nos.						
(RWH)	Iy	Size of rech :	arge pits	2 m x 1m x 2 m						
		Budgetary allocation (Capital cost) :		Rs. 6 Lakh						
		Budgetary (O & M cos		Rs. 0.5 Lakh/yr.						
		Details of U if any :	GT tanks	Domestic water Tank : 355KLD Flush water Tank : 135 KLD Fire Fighting Water : 618 KLD						
25 Storm	wator	Natural wa drainage pa		As per Contour						
35.Storm drainage	water	Quantity of water:	storm	0.603 CUM/SEC						
		Size of SWI) :	600 mm						
		Sewage ger in KLD:	eration	343 KLD						
	\sim	STP techno	logy:	MBBR						
Sewage	and	Capacity of (CMD):	STP	1 No. STP capacity - 375KLD						
	Sewage and Waste water		area of	As per Services Layout						
		Budgetary (Capital cos		Rs. 93.5 Lal	kh					
		Budgetary (O & M cos		Rs. 34 Lakh						
		3	6.Soli	d waste	e Manag	jemen	t			



Waste gen	eration in	Waste gen	eration:	1 % of waste material					
the Pre Co and Constr phase:	nstruction	Disposal o constructi debris:		Excavated earth materi & top soil for landscapin		material for plinth area			
Dry waste:			457 kg/day						
		Wet waste	•	748 Kg/day					
Wasta go	noration	Hazardous	s waste:	NA					
Waste ge in the op Phase:		Biomedica applicable	•	NA					
		STP Sludg sludge):	e (Dry	27 Kg/day					
		Others if a	ny:	E Waste - 1310 Kg/Year					
		Dry waste:		Through Authorized Ver	ndor				
		Wet waste	•	Through Mechanical co	mposting machine				
		Hazardous	s waste:	NA	0				
Mode of of waste:		Biomedica applicable		NA					
		STP Sludg sludge):	e (Dry	used as manure					
		Others if a	ny:	E waste through author	ized vendor				
		Location(s	s):	As per service layout					
Area requirem	ent:	Area for th of waste & material:		41 sq.m					
		Area for m	achinery:	ry: 79 sq.m					
	allocation	Capital cos	st:	Rs. 27.50 Lakh					
(Capital co O&M cost)		O & M cos	t:	Rs. 7.55 Lakh/yr.					
			37.Ef	Effluent Charecterestics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	р	H		6.5 - 8.0	6.5 - 8.0				
2	CO	DD	mg/lit.	< 350	< 30	Not to exceed 100 mg/lit			
3	BC	DD	mg/lit.	< 300	< 10	Not to exceed 10 mg/lit			
4	Suspend	ed Solids	mg/lit.	< 200	< 10	Not to exceed 50 mg/lit			
5	Oil & Oil	Grease	mg/lit.	< 10 - 50	< 1 - 5				
6	Nitr	ogen	mg/lit.	< 40 - 50	< 5 - 10				
7	Phosp	Phospohorus		< 5 - 7	< 5				
8	8 Fecal Coli Form mg/lit		mg/lit.	Present Absent					
Amount of e (CMD):	effluent gene	eration	NA						
Capacity of	the ETP:		NA						
Amount of treated effluent NA			NA						
Amount of v	water send to	o the CETP:	NA						
	water send to p of CETP (if		NA NA						

Joy S. Thakur			Name: Kare Ani D Signature: Joch
Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 5 of	

Note on ET	P technology	y to be used	NA							
Disposal of	the ETP sluc	lge	NA							
			3	8.H a	zardous	Was	ste D	etails		
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	Total	Method of Disposal
1	N	IA	Ν	ſΑ	NA	N	A	NA	NA	NA
			3	39.S I	acks em	issio	n Do	etails		
Serial Number	Section	& units	Fu		ed with ntity	Stac	k No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	N	IA		N	A	N	A	NA	NA	NA
			4	0.De	tails of H	uel	to be	e used		0,
Serial Number	Тур	oe of Fuel			Existing			Proposed		Total
1		Diesel			NA			110 Lit/hr.		110 Lit/hr.
41.Source of		ion of fuel to	oite							
42.1400e 01	Transportat	ion of fuel to	site						9	
		Total RG a	rea :		2151.43 sq	.m				
		No of trees								
43.Gree	n Belt	Number of be planted		rees to 385						
Develop	ment	List of pro native tree		d As per below						
		Timeline for completion plantation	ı of							
	44.Nu	mber and	l list	t of t	rees spe	cies	to b	e plante	d in the g	ground
Serial Number	Name of	the plant	Co	ommo	n Name	Quantity			Characteristics & ecological importance	
1	Acrus	sapota 🔷		Chi	kku	27		7	Fruit bearing tree, attracts birds.	
2	Murraya j	paniculata		Ku	nti		2	7	Blooms throughout the year, flowers with excellent fragrance	
3	Saraca	n indica		Sita a	ashok		1	8	Evergreen tree with ro crown, hardy tre	
4		omia flos - inae]	Lagers	stromia		1	8	Medium s	ize, grows in dry / arid climate.
5	Coi	rdia Co:		rdia		1	6	Fr	agrant flowers	
6	Psidium	n gujava		Pe	eru		3	3	Fruit bear	ing tree, attracts birds.
7	Cassia	ı fistula		Bahawa		15		5	Medium size deciduous tree Grows in less soil or murum. Full of yellow flowers during summer season.	
8	Azadiracl	hta indica		Ne	em		1	5		nal properties, quick .g, good air purifier
9	Carica	papaya		Pan	gara		1	5	Fruit beari	ng tree, nitrogen fixing tree

Joy S. Thakur			Name: Kart Anii D
Thatan			Signature: Joelan
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 6 of	Shri. Anil Kale (Chairman
SEAC-III)	11, 2020	24	SEAC-III)

10	-	nesarbor- stis	Praj	jakta		15	Fragrant flowers
11	Butea mo	onosperma Pal		ılas		15	Used in forestation of saline & water logged regions
12	Bauhinia	Purpurea	Kan	chan		15	Grows in less soil,drought resistant
13	Grewia t	iliaefolia	Dha	nman		07	Deciduous, drought resistant
14		yllanthus a sapota	Ar	nla		08	Medicinal properties
15	Albezzia	lebbeck	Shi	irish		07	Quick growing,hardy, good soil binder, drought tolerant
16	Annona 1	reticulata	Ram	ıphal		26	Fruit bearing tree
17	Sola	nium	Vanv	ruksh		33	Fast growing climber with remarkable flowering performance.
18	Annona s	quamosa	Sita	phal		26	Fruit bearing tree
19	Citrus r	eticulata	Ora	ange		25	Fruit bearing tree
20	Citrus	limonia	Lin	nbu		24	Fruit bearing tree
45	.Total qua	ntity of plants o	n grou	nd			
46.Num	nber and	list of shru	bs an	d bushes	s specie:	s to be j	planted in the podium RG:
Serial Number		Name		C/C Dista	nce		Area m2
1		NA		NA			NA
			!	47.EI	nergy	0	
		Source of powersupply : During Constr		MSEDCL			
		Phase: (Demar Load)					
		DG set as Power back-up during construction phase During Operation phase (Connected load):		30 KVA 10227.4 KW			
Dee							
Pov require	-	During Operat phase (Deman load):					
		Transformer:		630 KVA x	5 Nos.		
SY		DG set as Powe back-up during operation phase	J	750 KVA x	1 No.		
		Fuel used:		165 lit./hr			
		Details of high tension line pa through the pl any:	ssing	Yes, High tension line passing through the plot			
		48.Energy	/ savi	ng by no	n-conve	ntional	method:
Through So	lar PV panel	r - 22812.50 KWh s - 29565.00 KWl KWh / Annum (3.4	n / Annu				

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February		Name: Kare Ani D Signature: Acala Shri. Anil Kale (Chairman
SEAC-III)	11, 2020	24	SEAC-III)

		4	9.Detail	calculati	ons &	% of saviı	ng:	
Serial Number	Energy Conservation Measures					Saving %		
1		Use of	LED Fitting	S.		180649 KWh/Anuum		
2		be recomme fied appliand		BEE FIVE sta onditioners.	ar	6	51821.875 KWh/Anuum	
3		Use of BEE	Certified M	otors			15768 KWh/Annum	
4	Use of Gr	oup controls	s and Variab	le speed drive	es.		9608.625 KWh/Annum	
5		based contr ider instead		ght fitting to l onal fittings	be		49275 KWh/Annum	
6	Use	of EFF-1 mo	otors for fan	s & pumps			10512 KWh/Annum	
7	τ	Jse of CO se	nsors and V	FD fans			4599 KWh/Annum	
8		Tot	al Saving			3322	234 KWh/Annum (21.4 %)	
		50	.Details	of polluti	ion coi	ntrol Syst	ems	
Source	Ex	i <mark>sting pollu</mark>	tion contro	ol system		Pr	oposed to be installed	
Waste water			NA				STP	
Wet waste generation			NA			OWC		
	Igetary allocation Capital cost: Rs. 122 Lakhs Capital cost and							
Ō&M	cost):	0 & M cos	t:	Rs. 1.8 Lakh	n/Yr.			
51	.Enviro	nment	tal Mar	nageme	nt pl	an Budg	getary Allocation	
		a)	Constru	ction pha	se (wi	th Break-	up):	
Serial Number	Attril	outes	Para	meter		Total Cost	per annum (Rs. In Lacs)	
1	Erosion			Dust suppression measure			1.5	
2	Site S	afety	Providing Barri	of Nets & cades		1.0		
3	Site Sa	nitation		in hygienic lition		1.0		
4	Disinfection Chee		& health c	e pesticides heck up for bor		1.5		
5	Environ Monit			Air, Water loise			2.0	
b) Operation Phase (with Break-up):								
Serial Number	Comp	onent	Descr	iption	Capita	l cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Sewage T Pla		To treat w	aste water		93.5	34	
2	Rain Water	Harvesting		To use as domestic water		6.0	0.5	
3	Solid Manag			nt on wet ste		27.50	7.55	
4	Lands		To maintai	waste		22.50	5.0	

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 8 of	Name: Kare Ami 7 D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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5	Energy	y saving	To save ene	electrica ergy	1	122.0		1.8		
6	Swimm	ing Poo	ol Project	facility		25.0	1.80			
7		ronment agement For the ma of pollutio servi		on contr				2.62		
51.S	torage	of o	chemicals		amabl stance	_	osive/haz	zardou	s/toxic	
Descrip	otion	Status	5 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	
NA		NA	NA		NA	NA	NA	NA	NA	
			52.A	ny Ot	her Info	rmation	1			
No Informat	tion Availab	le								
			53.	Traffi	c Manag	jement				
		to the desig	of the junction e main road & n of uence:	2	2					
		Numl baser	ber and area of nent:	NA		5				
		podia		NA						
		Total	Parking area:	13248.8sq.m						
		Area	per car:	Covered car -30 sq.m, Open car - 25 sqm, Lower ground car park - 35 sqm						
		Area	per car:	Covered car -30 sq.m, Open car - 25 sqm, Lower ground car park - 35 sqm						
Parking	details:	Number of 2- Wheelers as approved by competent authority:		1052						
	S		ber of 4- elers as oved by etent ority:	279						
		Publi	c Transport:	NA						
		Widtl roads	n of all Internal 5 (m):	6 m						
		CRZ/ RRZ clearance NA								
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			More than 10 Km							
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)			o: 103 M 11, 20		: February	Page 9 of Si	Signature:	e (Chairman		

	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
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	-	
	Brief informa	tion of the project by SEAC



1.	Proposal Number			SEIAA-STATEMENT-0000003437				
2.	Name of Project		Resi	dential C	onstruction	Project		
3.	Project category		8a (B	2)				
4.	Type of Institution		Priva	te				
5.	Project Proponent		M/s.	Kunal Re	alty			
			Kuna Pune.		Off Bhandar	kar Road, Near Kar	mla Nehru Pa	
			9595	226267				
			hds@	kunalgro	oup.in			
6.	Consultant							
7.	Applied for		Fresl	n EC appl	ication			
8.	Details of previous E	С	NA					
9.	Location of the project	ct		o. 164/6, i, Pune.	CTS No. 350	06 (P), Bhoir Nagar	, Chinchwad	
10.	. Latitude and Longitude			Latitude 18°31′40.33"N Longitude 73°56′02.91"E				
11.	Total Plot Area (m2)		21620.22 m ²					
12.	Deductions (m2)		4813.64					
13.	Net Plot area (m2)		16806.58					
14.	Proposed FSI area (n	n2)	3669	90.63				
15.	Proposed non-FSI are	ea (m2)	36539.84					
16.	Proposed TBUA (m2)		73230.47					
17.	TBUA (m2) approved	by	In Process					
	Planning Authority ti							
18.	Ground coverage (m2	2) & %	3109	.5 sq.m	(18.5 %)			
19.	Total Project Cost (R	s.)	150	Cr.				
21.	Details of Building Co	onfiguration :						
	Previous EC / Existin	g Building			Proposed C	Configuration		
	Building	Configuration	n	Height	Building	Configuration	Heigh	
	Name			(m)	Name		(m)	
					Building 1	Pk + 16 F	46.40	
					Building 2	2Pk + 16 F	46.40	
					Building 3	2Pk + 16 F	46.40	
					Building 4	2Pk + 16 F	46.40	

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

SEAC Meeting No: 103 Meeting Date: February 11, 2020 Page 11 of 24 Name: Kart Appi D Signature: Appi

DECISION OF SEAC

PP has satisfactorily complied with the points raised in 102nd meeting of SEAC-3.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

Stiller Activity District of the second seco SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

Joy S. Thakur
Joy S. Thakur (Secretary
SEAC Meeting No: 103 Meeting Date: February
11, 2020Page 12
of 24Name: Kare Amin Di-
Signature: Amin Di-<

103 SEAC-3 meeting day 01

SEAC Meeting number: 103 Meeting Date February 11, 2020

 $\textbf{Subject:} \ \texttt{Environment} \ \texttt{Clearance} \ \texttt{for} \ \texttt{Expansion} \ \texttt{of} \ \texttt{Residential} \ \& \ \texttt{Commercial} \ \texttt{Construction} \ \texttt{Project}$

Is a Violation Case: Yes

Is a Violation Case: Yes					
1.Name of Project	Residential cum Commercial Construction Project at S. No. 45, Baner				
2.Type of institution	Private				
3.Name of Project Proponent	Kunal Sancheti Associates				
4.Name of Consultant	NA				
5.Type of project	Housing Project				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC not obtained. Construction done as per sanction				
8.Location of the project	S.No. 45				
9.Taluka	Haveli				
10.Village	Baner				
Correspondence Name:	Mr. Hemendra Shah				
Room Number:	NA				
Floor:	NA				
Building Name:	Kunal House				
Road/Street Name:	Off Bhandarkar Road				
Locality:	Opp. Kamla Nehru Park				
City:	Pune				
11.Whether in Corporation / Municipal / other area	РМС				
	IOD				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: IOD - CC 3012/18 dated 28.12.2018				
	Approved Built-up Area: 65266.91				
13.Note on the initiated work (If applicable)	Total constructed work - 38621.07 sq.m				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	19,721.61 sq.m				
16.Deductions	7949.99 sq.m				
17.Net Plot area	11771.62 sq.m				
	a) FSI area (sq. m.): 27917.51 sq.m				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 37349.40 sq.m				
	c) Total BUA area (sq. m.): 65266.91				
	Approved FSI area (sq. m.): 27917.51 sq.m				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 37349.40 sq.m				
	Date of Approval: 28-12-2018				
19.Total ground coverage (m2)	3418.73				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29.04 %				
21.Estimated cost of the project	901400000				
22.Num	ber of buildings & its configuration				

22.Number of buildings & its configuration

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 13	Name: Kare Amir D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Buildin	ng Name & numb	er Nu	mber of floors	Height of the building (Mtrs)		
1		Wing - A		P + P + 10	29.90 m		
2		Wing - B	P	P + P + P + 10	29.90 m		
3		Wing - C	Р	+ P + P + 10	29.90 m		
4		Wing - D	2B + GI	R + Mezz + 2P + 12	55.80 m		
23.Numbe tenants an		Residential - 169,	Offices - 94., Show	vrooms - 1 Nos.			
24.Numbe expected r users		Residential - 845,	Commercial - 2496	Ĵ			
25.Tenant per hectar		250					
26.Height building(s					0		
station to	the road earest fire	24 m			003		
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	9 m		0000			
29.Existing		Constructed Area	- 38621.07 sq.m				
30.Details of the demolition with disposal (If applicable)							
31.Production Details							
Serial Number	Pro	duct Ex	isting (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	N	A	NA	NA	NA		
		32.7	otal Wate	r <mark>Requireme</mark> r	nt		

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III) SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 14	Name: Kare Arri D Signature: Journan Shri. Anil Kale (Chairman SEAC-III)
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S

		Source of	water	PMC						
		Fresh wat	er (CMD):	113.49 KLD						
		Recycled Flushing		112.91 KLD	12.91 KLD					
		Recycled Gardenin		12 KLD						
		Swimmin make up		4 KLD						
Dry season	:	Total Wat Requirem :	er ent (CMD)	242.4 KLD						
		Fire fight Undergro tank(CMI	und water	225 KLD						
		Fire fight Overhead tank(CMI	water	20 KLD			0	9,		
			eated water	82.45 KLD						
		Source of		PMC						
			er (CMD):	113.49 KLD						
		Recycled Flushing		112.91 KLD						
		Recycled Gardenin		NA						
		Swimmin make up		4 KLD						
Wet seasor	1:	Total Wat Requirem :	er ent (CMD)	230.4 KLD						
		Fire fight Undergro tank(CMI	und water	225 KL						
		Fire fight Overhead tank(CMI	water	20 KLD						
		Excess tr	eated water	94.45 KLD						
Details of S pool (If any		Size - 15 m Volume 10	n X 6 X 1.2 m 8 cum							
			33.Details	s of Tota	l water c	onsumed	ł			
Particula rs	Co	nsumption	(CMD)		Loss (CMI))	Ef	fluent (CM	D)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requireme nt	76.5 KLD	37.44 KLD	113.94 KLD	7.61 Kld	3.74 KLD	11.35 KLD	68.45 KLD	33.70 KLD	102.2 KLD	
Gardening	10 KLD	2 KLD	12 KLD	NA	NA	NA	NA	NA	NA	
								-		

Joy S. Thakur Other			Name: Kart Ami D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 15	Shri. Anil Kale (Chairman
SEAC-III)	11, 2020	of 24	SEAC-III)

	-						
	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 Harvesting	Quantity of recharge pits:	6					
(RWH)	Size of recharge pits :	2m x 2m x 1m					
	Budgetary allocation (Capital cost) :	4.5 Lakh					
	Budgetary allocation (O & M cost) :	0.5 Lakh/yr					
	Details of UGT tanks if any :	NA					
	Natural water drainage pattern:	As per contour (E -W)					
35.Storm water drainage	Quantity of storm water:	11.89 m3/min.					
	Size of SWD:	600 mm					
	Sewage generation in KLD:	208					
	STP technology:	For Proposed STP - MBBR , For Existing STP - Extended Aeration					
Sewage and	Capacity of STP (CMD):	2. No. of STP , Capacity - 110 KLD each					
Waste water	Location & area of the STP:	As per Layout					
	Budgetary allocation (Capital cost):	58 Lakh					
	Budgetary allocation (O & M cost):	18 Lakh/yr. (9 + 9)					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	1 % waste material					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Excavated earth material will be used for filling material for plinth area & top soil for landscape					
	Dry waste:	585 Kg/day					
	Wet waste:	428 kg/day					
	Hazardous waste:	NA					
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA					
r 11456:	STP Sludge (Dry sludge):	13.2 Kg/day					
	Others if any:	E waste - Residential - 422 kg/yr., Commercial - 2496 Kg/yr.					



		Dry waste:		Through au	thorized ven	dor (SWACH	I)		
		Wet waste		Through mechanical composter					
Hazardous was			waste:	NA		*			
Mode of Disposal Biomedica applicable		l waste (If):	NA						
		STP Sludg sludge):	e (Dry	Used As Ma	anure				
		Others if a	ny:	E waste - T	hrough autho	orized vendo	r		
		Location(s):	As per layo	ut				
Area requireme	ent:	Area for th of waste & material:		20 sq.m (10) sq.m for ea	ch)			
		Area for m	achinery:	50 sq.m (25	sq.m for ea	ch)			
Budgetary		Capital cos	st:	22 Lakh				0	
(Capital cos O&M cost):		O & M cos	t:	12 Lakh/yr.			0		
			37.Ef	fluent C	harecter	estics			
Serial Number	Paran	neters	Unit		ffluent cerestics		Effluent cerestics	Effluent discharge standards (MPCB)	
1	р	H		7 -	8.5	6.5	-7.5		
2	CC)D	mg/lit.	300 - 400		< 30		Not more than 100 mg/lit	
3	BC)D	mg/lit.	250	- 300	< 10		Not more than 50 mg/lit	
4	S	S	$m\alpha/\mu$					Not more than 10 mg/lit	
5	Oil & (Grease	mg/lit.	1	0	<	5		
6	TI	DS	mg/lit.			< 1	000		
7	Total N	itrogen	mg/lit. as N	40	- 50	< 10			
8	Ammonica	l Nitrogen	mg/lit.	-	-	< 1			
9	Total Ph	osphate	mg/lit.	5	- 7	< 2			
10	Faecal	coliform	MPN/100 ml	10^6	5/100	N			
Amount of et (CMD):		ration	NA						
Capacity of t		~	NA						
Amount of tr recycled :	reated efflue	ent	NA						
Amount of water send to the CETP: NA									
Membership of CETP (if require): NA									
Note on ETP technology to be used NA									
Disposal of the ETP sludge NA									
			38.Ha	zardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	Ν	A	NA	NA	NA	NA	NA	NA	
39.Stacks emission Details									

Joys. Thakur			Name: Kare Amir D
Thaten			Signature: Ach
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 17	Shri. Anil Kale (Chairman
SEAC-III)	11, 2020	of 24	SEAC-III)

Serial Number		& units	Fuel Used Quanti		ntity	Stacl		Height from ground level (m)	Inte diam (n	neter 1)	Temp. of Exhaust Gases		
1	N	JA	40	N D Do	A tails of H	N Tuol i		NA	N	A	NA		
Serial Number	Туг	pe of Fuel	4		Existing	uer		Proposed			Total		
1		Diesel			20.2 lit/hr			98.6 Lit./hr			118.8 lit/hr		
41.Source of	of Fuel			NA									
42.Mode of	Transportat	tion of fuel to	site	NA									
		-											
		Total RG a	rea :		1576.21 sq	.m							
		No of trees	s to b	e cut	NA					0	~		
43.Gree	n Belt	Number of be planted		s to	182					2	7		
Develop	ment	List of pro native tree		l	As per belo	w list			\sim				
		Timeline for completion plantation	for on of 1 yr.					0					
	44.Nu	mber and	l list	t of t	rees spe	cies	to b	e plante	d in t	the g	jround		
Serial Number	Name of	the plant	Common Nam		n Name		Qua	ntity	Cha		ristics & ecological importance		
1	Alstonia	scholaris		Saptaparni		77		Drought tolerant species,To control soil erosion.					
2	Annona se	quammosa		Sita	phal	1			fruit bearing tree				
3		yphylus amba		Kad	amb	1		lar	ge tree	e , good for road side plantation			
4	Azadirac	cta indica	C	Ne	em 7		7		es , Ke	value, Bird attracting eeps the oxygen level in osphere balance			
5	Bahunia	blackena		Kan	nchan 5		5	orna	menta	colerant species, Very l, Well flowering plant, ee attracting species,			
6	Brassia Ac	rassia Actininophyla		Umbrella plant		hyla Umbrella plant			Ę	5	spe	cies, V owerir	value, Drought tolerant Very ornamental, Well ng plant, Honey bee racting species,
7	Cassia	fistula	Bahawa		Bahawa 5		5	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,					
8	Citron	limonia	Nimbu			pu 4		1	spe	cies, V owerir	value, Drought tolerant Very ornamental, Well ng plant, Honey bee racting species,		
9	Cocos I	Nucifera		Coconut			{	3	spe	cies, V owerir	value, Drought tolerant Very ornamental, Well ng plant, Honey bee racting species,		
10	Ficus Be	enjamina		Fie	cus		1	7	Media	cinal v	alue, fruit bearing trees		

SEAC-III) 11, 2020 of 24 SEAC-III)		SEAC Meeting No: 103 Meeting Date: February	Page 18	Name: Kare Api 1 Signature:	
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11	Largers spec	troemia viosa	Tan	ıhan	5	;	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,	
12		jifera variety			1		fruit bearing tree	
13	Michelia (champaca	Sonc	hapha	1	1	flowering tree, butterfly host plant	
14	Mimusoj	os elengi	Ba	kul	5	5	flowering tree, shade tree, Medicinal plant	
15	Nyctanthus	s Arboristis	Pari	jatak	1		flowering tree	
16	Plumeria	a pudica	Golder	n Arrow	4	L	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,	
17	Phylanthu	is emblica	Ar	nla	5	;	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,	
18	Syzigiun	n cumini	Jam	bhul	4	Ŀ	Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,	
19	Tarmarine	dus indica	Chi	inch	6		fruit bearing tree	
20	Terminnal	lia catappa	Bac	dam	7		fruit bearing tree	
21	Plumeri	a Rubra	Fran	gipani	3		Herbal remedy	
45.Total quantity of plants on groun			nd					
46.Nun	46.Number and list of shrubs an				s species	to be pl	anted in the podium RG:	
Serial Number				C/C Dista	ince		Area m2	
1		NA		NA NA				
	-			47.E	nergy			
		Source of pow supply :	/er	MSEDCL				
		During Const Phase: (Dema Load)		75 Kw				
		DG set as Pow back-up durin construction j	g	82.5 KVA				
Dou	During Operation phase (Connected load):		2764 KW					
Power requirement: During Operation phase (Demand load):		2209 Kw						
Transformer: DG set as Power back-up during operation phase:		630 KVA x	4 No. , 200 K	VA x 1 No.				
		125 KVA x 1 No., 625 KVA x 2 No.						
		Fuel used:		Diesel				
		Details of high tension line p through the p any:	assing	NA				

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 19	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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48.Energy saving by non-conventional method:

Auto timer control for external & common lighting Use of LED lamps in all public / common areas solar powered water heating Electronic V3F drives for elevators Solar PV panel power for common ares lighting Five star rated pumps

Five star ra	ted pumps								
		4	9.Detail	calculati	ons	& % of savin	g:		
Serial Number	Energy Conservation Measures						Saving %		
1	Solar E	nergy - Out o	loor lighting	/ street light	ts	4200	00 KWH/Annum - 1.21%		
2		Auto tim	er logic cont	rol		68755.	05 KWH /Annum - 1.99 %		
3	El	ectronic V3I	F drives for e	elevators		39209	.76 KWH/Annum - 1.13 %		
4		Solar	water heater	ſ		2940	60 KWH/Annum - 8.49 %		
5		Total E	Energy savin	g		534514	.73 KWH/Annum - 15.43 %		
6		Using	g LED lights			73122	2.28 KWH/Annum - 2.11%		
7		Using Five	star rated p	umps		17317	7.64 KWH/Annum - 0.5 %		
		50	.Details	of polluti	ion c	ontrol Syste	ms		
Source	Ex	isting pollu	ition contro	ol system		Pro	posed to be installed		
Sewage Generation			STP				STP		
Wet waste			OWC				OWC		
	petary allocation Capital cost: 57.31 Lakh								
(Capital cost and O&M cost): O & M cost: 2.82 Lakh/y			r.						
51	.Enviro	onment	tal Mar	nageme	nt j	plan Budg	etary Allocation		
		a)	Constru	ction pha	se (v	with Break-u	ıp):		
Serial Number	Attril	butes	Para	meter		Total Cost p	Total Cost per annum (Rs. In Lacs)		
1	Erosion	Control	meast	peration ures & cading		5.0			
2	Site S	Safety	Nets, B	aricades			2.0		
3	Site Sa	nitation	Public	toilets			2.0		
4	Disinfectio Chec		-	Camp for ours		2.0			
5	Enviror Monit	imental coring		er , Noise lysis			1.0		
		b) Operat	ion Phas	e (w	ith Break-up):		
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	SI	ГР	To treat w	vaste water		58	18		
2	RV	VH		arge Rain a ground		4.5	0.5		
3	Storm wate	er Network	To collect s	storm water		16	0.5		
4	Solid Manag		To Re	ecycle		22	12		

Joy S. Thakur Jay S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 20	Name: Kare Amir D Signature: John Shri. Anil Kale (Chairman SEAC-III)
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5	Land	lscape	To Maintai	n Greene	ry	20		4.5			
6	Energ	y Saving		electrical ergy		57.31		2.82			
51.S	51.Storage of chemicals					_	osive/haz	zardou	s/toxic		
				subs	stance	es)					
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		
NA	A	NA	NA		NA	NA	NA	NA	NA		
			52.A	ny Oth	ner Info	rmation	l				
No Informa	tion Availab	ole									
			53.	Traffic	: Manag	gement					
				2			100				
		Number basemen	and area of t:	2 No. , A	Area - 4035	5.20 sq.m					
		Number podia:	and area of	NA							
		Total Pa	rking area:	23095.4 sq.m							
		Area per		cover - 30 m , Basement - 35 m							
		Area per		cover - 30 m , Basement - 35 m							
Parking	details:	Number Wheeler approved compete authorit	s as l by nt	1073							
		Number Wheeler approved compete authorit	s as l by nt	525							
		Public T	ransport:	NA							
	Width of all Internal roads (m):			6 m							
	2	CRZ/ RR obtain, i	Z clearance f any:	NA							
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			NA							
		Category schedule Notificat		8 a (B2)							

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 11, 2020	Page 21	Name: Kare Amir D Signature: Amir D Shri. Anil Kale (Chairman SEAC-III)
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	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	Original Remarks Submitted Changes				
18 (A) Proposed built up area - FSI & Non FSI		rg.m, Non FSI - 32897.91 sq.m, s up area - 57149.08 sq.m FSI - 27917.51 sq.m, Non FSI - 37349.4 sq.m Total Built up area - 65266.91 sq.m				
SEAC	DISCUSSION	ON ENVIRON	IMENTAL ASPECTS			
Environmental Impacts of the project	-					
Water Budget	-					
Waste Water Treatment	-					
Drainage pattern of the project	-					
Ground water parameters	-					
Solid Waste Management	-					
Air Quality & Noise Level issues	-					
Energy Management	-					
Traffic circulation system and risk assessment	-					
Landscape Plan	-					
Disaster management system and risk assessment						
Socioeconomic impact assessment	-					
Environmental Management Plan	-					
Any other issues related to environmental sustainability	-					
	Brief informa	tion of the pr	oject by SEAC			

SEAC Meeting No. 105 Meeting Date: February Fage 22 Sint. Ann Kale (Chairing SEAC-III) 11, 2020 of 24 SEAC-III)		SEAC Meeting No: 103 Meeting Date: February	Page 22	Name: Kare Ani) D Signature: Acily Shri. Anil Kale (Chairman
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Proposal Number					e stating following details:				
-					000001284				
Name of Project				um Com	mercial Project - Venezia				
Project category		8a (B2)							
Type of Institution		Private							
Project Proponent					Associates				
					mla Nehru Park, Off Bhandarkar Ro	ad,			
					Pune 411004				
					595226267				
Consultant		<u>hds@ku</u>	magro	<u>up.m</u>					
			-1:+:	(17:-1-	tion (coor)				
Applied for	20		pucatio	on (Viola	tion Case)				
Details of previous I		NA	45.5		Harali Dana				17
Location of the proje					Haveli, Pune.				
Latitude and Longit				°32'58.5	9"N Longitude 73°46'27.11"E				
Total Plot Area (m2)		19721.0					6		
Deductions (m2)		7949.9							
Net Plot area (m2)		11771.							
Proposed FSI area (m2)	27917.	.51						
Proposed non-FSI a	rea (m2)	37349.4	.40						
Proposed TBUA (m2	:)	65266.	.91						
TBUA (m2) approve					. CC/3012/18 DATED -28.12.2018 fo	r Total			
Planning Authority t				1 65266.9					
Ground coverage (m				n (29.0	4 %)				
Total Project Cost (I	Rs.)	90.14	Cr.						
Details of Building C									
Previous EC / Existin					d Configuration				
Building Name	Configuratio				Configuration	Height			
Wing A	Pk + Pk + 1	(m 0 F 29		Name Wing D	2 B + Ground Pk + Mezz + 2 Pk + 12 F	(m) 55.80			
Wing B	Pk + Pk + P 10 F	'k + 29	9.90						
Wing C	Pk + Pk + P 10 F	1 k + 29	9.90						
	D								
tructed area on site i as issued Terms of R and preparation of i ct Assessment (EIA)	is: 38621.00 m Reference in 84 Environment M and Environm	2. th SEAC fanagem ent Mana	C-3 me nent Pl ageme	eting for lan (EMF ent Plan	2017 and 8/03/2018. PP informed th undertaking Environment Impact A). Accordingly, PP has submitted En (EMP). ed and presentation made by the pro	ssessment vironment			
	ment, includin s appraised as	g air, wa category	ater, la	and, soil,	ecology, biodiversity and social aspe				Name: K
y S.Thakur (in			SEA	C Meeting No: 103 Me 11, 202		Date: February	Page 23 of 24	Signature Shri. Anil I SEAC-III)

kur (SecretarySEAC Meeting No: 103 Meeting Date: February 11, 2020Page 23 of 24Shri. Anil Kale (Chairman SEAC-III)

DECISION OF SEAC

During discussion following points emerged:

1. PP to submit Debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.

2. PP to show internal storm water drain and sewer line arrangements up to final disposal point.

3. PP to submit detailed phase wise development plan with safety planning where occupancy has been given.

4. Environmental status report including analysis reports of all environmental pollution reduction facilities if any commissioned.

5. PP to submit Disaster management plan.

6. Preparation of site specific, executable and auditable environment management plan (EMP)

7. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 2.124 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 1.8 Cr which is less than the remediation / augmentation plan.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Joy S. Thakur			Name: Kare Ami D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 24	Shri. Anil Kale (Chairman
SEAC-III)	11, 2020	of 24	SEAC-III)

103 SEAC-3 meeting day 02

SEAC Meeting number: 103 Meeting Date February 12, 2020

 ${\small {\bf Subject:}} \ {\small {\rm Environment}} \ {\small {\rm Clearance}} \ {\small {\rm for}} \ {\small {\rm Zensar}} \ {\small {\rm Technologies}} \ {\small {\rm Ltd.}}$

Is a Violation Ca	ase: Yes
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Is a violation Case: res						
1.Name of Project	Kharadi Knowledge Park, MIDC Kharadi, Pune					
2.Type of institution	Private					
3.Name of Project Proponent	Zensar Technologies Ltd.					
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.					
5.Type of project	Industrial Estate					
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	Proposal is for Environment Clearance for existing Knowledge Park					
8.Location of the project	Plot no 4-MIDC Kharadi, Kharadi, Pune, Maharashtra.					
9.Taluka	Haveli					
10.Village	Kharadi					
Correspondence Name:	Mr. Shashank Bangale					
Room Number:						
Floor:						
Building Name:	Zensar Knowledge Park,					
Road/Street Name:	Plot No. 4, MIDC, Off Nagar Road					
Locality:	Kharadi					
City:	Pune - 411014					
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation					
12.IOD/IOA/Concession/Plan	EE/IT/Plans/2227 of 2007 dtd.27.11.2007 for Cafeteria bldg. and EE/IT/Plans/2365 of 2007 dtd.19.12.2007 for Rockies & Fuji bldgs.					
Approval Number	IOD/IOA/Concession/Plan Approval Number: EE/IT/Plans/2227 of 2007 dtd.27.11.2007 for Cafeteria bldg. and EE/IT/Plans/2365 of 2007 dtd.19.12.2007 for Rockies & Fuji bldgs.					
	Approved Built-up Area: 52450.43					
13.Note on the initiated work (If applicable)	Construction of the project is completed.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC Allotment letter dated 7th April 2003					
15.Total Plot Area (sq. m.)	44,043.00 sq.m					
16.Deductions	-					
17.Net Plot area	44,043.00 sq.m					
	a) FSI area (sq. m.): 36,629.82					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 15,860.61					
	c) Total BUA area (sq. m.): 52450.43					
	Approved FSI area (sq. m.): 36,629.82					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 15,860.61					
DOM	Date of Approval: 19-12-2007					
19.Total ground coverage (m2)	9474.52					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21.5%					
21.Estimated cost of the project	110000000					
	har of buildings (its configuration					

22.Number of buildings & its configuration

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 12, 2020	Page 1 of	Name: K 972 A min D Signature: Siri. Anil Kale (Chairman SEAC-III)
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Serial number	Buildin	ıg Name & n	umber	Nu	mber of floors	Height of the building (Mtrs)			
1	A	' Block – Alps	5	Lower Grou	und + Ground + 4 floor	23.95			
2	A1'	Block - Himal	aya	Lower Grou	und + Ground + 4 floors	21.85			
3		Transformer Ground floor 4.5							
4	S	Security Cabir	1		Ground floor	3.82			
5	5 Cafeteria Basement + Lower ground + Ground + 1 floor 12.0								
6	С	orporate Bloc	k	Stilt -	- Ground + 1 floor	9.88			
7		Fuji			nt + Lower ground + round+ 7 floors	38.25			
8		Rockies			nt + Lower ground + round+ 4 floors	26.175			
23.Number tenants an		NA							
24.Number of expected residents / For Entire Project: 3625 Nos For Phase III:1805 Nos users						02			
25.Tenant density per hectare 823									
26.Height of the building(s)									
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)50 m									
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation									
29.Existing structure (s) if any Total built-up area including FSI and Non FSI constructed till date = 52450.43sq m (inclusive a three phases) Construction taken place after EIA notification 14.9.2006 and without EC (Phase III) = 28651.46 sqm									
demolition disposal (I	30.Details of the demolition with disposal (If applicable)								
	CY		31.P	Product	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not ap	plicable	Not ap	plicable	Not applicable	Not applicable			
	32.Total Water Requirement								



		Source of	water	MIDC							
		Fresh wate	er (CMD):	91							
		Recycled w Flushing (73							
		Recycled w Gardening		23							
		Swimming make up (0							
Dry seasor	1:	Total Wate Requireme :		186							
		Fire fightin Undergrou tank(CMD)	ind water	438				0			
		Fire fightin Overhead tank(CMD)	water	-			0	9			
		Excess trea	ated water	37							
		Source of	water	MIDC							
		Fresh wate	er (CMD):	91							
		Recycled w Flushing (73							
Recycled water - Gardening (CMD):				0							
		Swimming make up (0							
Wet seaso	n:	Total Wate Requireme :		164							
		Fire fightin Undergrou tank(CMD)	ind water	438							
		Fire fightin Overhead tank(CMD	water	-							
		Excess trea	ated water	63							
Details of Swimming pool (If any) NA											
33.Details of Total water consumed											
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		

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 12, 2020	Page 3 of	Name: Kale April D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)
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I verify of the Group Ins to 4m Size and no of WH (vanity: Io nos. I contion of the RWH (vanity: Refer enclosed layout I contion of the RWH (vanity: In os Quantity of contarge (RWH) Quantity of contarge (registration) In os Size of recharge pite (registration) InxiImXIm Budgetary allocation (Capital cost): Io laces Details of UCT insite Io GF of Himalaya and Cafetoria buildings. Details of UCT insite Io Maintained Quantity of scotarge Geo of Himalaya and Cafetoria buildings. Quantity of scotarge Io Maintained Quantity of scotarge Scotarge of Scotarge Quantity of scotarge Io Maintained Quantity of scotarge Io Maintained Quantity of scotarge Io Contarge Quantity of scotarge Io Contarge Star of Scotarge Beserie I contarge of Scotarge Io Contarge I contarge of Scotarge Io Contarge Quantity of Scotarge Io Contarge I contarge of Scotarge Io Contarge I contarge of Scotarge <									
Innk(s) and Quantify:10 nos.Icocation of the RW tank(s):Refer enclosed layoutIcocation of the RW tank(s):Refer enclosed layoutInnx Innx InInnoStee of recharge pit (Capital cost):InxInxInmBudgetary allocation (Capital cost):3.0 LacsBudgetary allocation (Capital cost):3.0 Cocum per annumBudgetary allocation (Capital cost):3.0 Cocum per annumBudgetary allocation (Capital cost):1.0 FormBudgetary allocation (Capital cost):1.0 CocumBudgetary allocation (Capital cost):1.0 CocumBudgetary allocation (Capital cost):1.0 CocumBudgetary allocation (Capital cost):1.0 LacksBudgetary allocation 			3m to 4m						
Interestion Reference of construction 34.Rain Water Rarvesting (RWH) Quanity or lencharge pits is: 10 nos Size of recharge pits i: inxlinXlin Budgetary allocation (Capital cost): i5.0 Lacs Budgetary allocation (Capital cost): 3.0 Lacs Details of UCT tasks ir ange patterne: GF of Himalaya and Cafeteria buildings. 35.Storm water drainage Natural water rainage patterne: Maintained Quanity of storm water: 150 MM 100 Size of SWD: 150 MM 100 Concolin & Karado 147 100 Capacity of STP (CMD): RBC 100 Capacity of STP (CMD): 150 cmd 100 Budgetary allocation in KLD: Basement 100 Budgetary allocation in KLD: 100 cmd 100 Budgetary allocation in KLD: 100 cmd 100 cmd Budgetary allocation and construction and construction wase and patient construction and construction wase 101 applicable Bisposal of the construction wase Not applicable Not applicable Bisposal of the construction waset 101 applicet: 290 Kg/day Phase III: 1		tank(s) and	10 nos.						
Baryesting (RWH) pits in or loss Size of rectarge pits inx1mx1m Budgetary allocatio (Capital cost) : ib.0 Lacs Budgetary allocatio (Capital cost) : 3.0 Lacs Details of UCT tasks (rectar) : Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Ib.GF of Himalaya and Cafeteria buildings. Jotalis of UCT tasks Store OFWD Ib.GF of Himalaya Jotalis of UCT tasks Ib.GF of Himalaya Ib.GF of Himalaya Jotalis of UCT tasks RBC Ib.GF of Himalaya			Refer enclosed layout						
image image Budgetary allocation (0 & M cost): 15.0 Lacs Budgetary allocation (0 & M cost): 3.0 Lacs Budgetary allocation (0 & M cost): 15.0 MM Budgetary allocation (n KUD: 150 MM Sewage generation in KUD: 147 STP technology: RBC Capacity of STP (CMD): 150 cmd Location & area of (0 & M cost): Basement Budgetary allocation (0 & M cost): 1.0 lakhs Budgetary allocation (0 & M cost): 3.0 lakhs Ste generation in the PPC construction phase: Not applicable Waste generation in the PPC construction phase: Not applicable Waste generation in the pPC construction phase: Not applicable Biomedical waste: Total project: 436 kg/day Phase III: 217 kg/day Maste: Total project: 436 kg/day Phase III: 217 kg/day Maste: Total project: 436 kg/day Phase III: 1			10 nos						
(Capital cost) : 15.0 facts Budgetary allocation (o & M cost) : 3.0 Lacs Details of UGT tanks (if any : LGF of Himalaya and Cafeteria buildings. If any : 35.Storm water drainage pattern: Maintained Quantity of storm vater: 3200 cum per annum Size of SWD: 150 MM 7 50 md Streng egneration in KLD: 147 STP technology: RBC Capacity of STP (CADD): 150 md Sudgetary allocation (o & M cost): 14.0 lakhs Budgetary allocation (o & M cost): 3.0 lakhs Budgetary allocation (o & M cost): 3.0 lakhs Sudgetary allocation (o & M cost): Not applicable Maste generation in the Pre Construction phase: Not applicable Not applicable Not applicable Budgetary allocation (o & M cost): Not applicable Pisposal of the construction waste elebris: Total project: 230 kg/day Phase III: 217 kg/day Maste generation in the Pre Construction phase: Total project: 230 kg/day Phase III: 217 kg/day Maste generation in the operation phase: Total project: 230 kg/day Phase III: 217 kg/day	(RWH)	Size of recharge pits :	1mX1mX1m						
(0 & M cost) : 0.0 Lates Details of UGT tanks if any : LGF of Himalaya and Cafeteria buildings. 35.Storm water drainage pattern: Maintained Quantity of storm vater: 3200 cum per annum Size of SWD: 150 MM Sewage generation in KLD: 147 STP technology: RBC Capacity of STP (CMD): 150 cmd Location & area of (Capital cost): Basement Budgetary allocation (Capital cost): 14.0 lakhs Budgetary allocation (Capital cost): 3.0 lakhs State generation in the Pre Construction phase: Maste generation (Capital cost): Not applicable Waste generation in the operation phase: Maste generation: Not applicable Waste generation in the operation phase: Maste generation: Not applicable Waste generation in the operation Maste generation: Not applicable Wet waste: Total project: 436 kg/day Phase III: 217 kg/day Wet waste: Total project: 290 kg/day Phase III: 144 kg/day In the operation phase: Size Generation: Not Applicable			15.0 Lacs						
if any : Let of Himalaya and Careteria buildings. if any : Let of Himalaya and Careteria buildings. if any : Let of Himalaya and Careteria buildings. if any : Maintained arainage pattern: Maintained Quantity of storm water: 3200 cum per annum Size of SWD: 150 MM Comparison 147 STP technology: RBC Capacity of STP (CMD): 150 md Capacity of STP (CMD): 150 md Location & area of the STP: Basement Budgetary allocation (Capital cost): 14.0 lakhs Budgetary allocation (Capital cost): 3.0 lakhs State generation in the Pre Construction phase: Maste generation: Not applicable Not applicable Waste generation in the Pre Construction phase: Maste generation: Not applicable Not applicable Waste generation in the operation phase: Total project: 436 kg/day Phase III: 217 kg/day Waste generation in the operation phase: Total project: 290 kg/day Phase III: 217 kg/day		Budgetary allocation (O & M cost) :	3.0 Lacs						
drainage Maintained 35.Storm water Quantity of storm water: 3200 cum per annum iso GWD: 150 MM 50.000 150 MM Vertication of SWD: Vertication of SWD: Sewage generation in KLD: 147 Sewage generation in KLD: RBC Capacity of STP (CMD): 150 cmd Location & area of the STP: 50 cmd Budgetary allocation (Capital cost): 4.0 lakhs 1.0 lakhs Budgetary allocation (Co & M cost): 3.0 lakhs Vertexter Wanagement Maste generation in the Proconstruction phase: Not applicable Not applicable Vertexter Water Not applicable Proveste: Value generation: Not applicable phase: Disposal of the construction phase: Mater Total project: 436 kg/day Phase III: 217 kg/day Mater Total project: 436 kg/day Phase III: 144 kg/day Isi diseel			LGF of Himalaya and Cafeteria buildings.						
drainage Maintained 35.Storm water Quantity of storm water: 3200 cum per annum iso GWD: 150 MM 50.000 150 MM Vertication of SWD: Vertication of SWD: Sewage generation in KLD: 147 Sewage generation in KLD: RBC Capacity of STP (CMD): 150 cmd Location & area of the STP: 50 cmd Budgetary allocation (Capital cost): 4.0 lakhs 1.0 lakhs Budgetary allocation (Co & M cost): 3.0 lakhs Vertexter Wanagement Maste generation in the Proconstruction phase: Not applicable Not applicable Vertexter Water Not applicable Proveste: Value generation: Not applicable phase: Disposal of the construction phase: Mater Total project: 436 kg/day Phase III: 217 kg/day Mater Total project: 436 kg/day Phase III: 144 kg/day Isi diseel									
drainage Quantity of storm water: 3200 cum per annum Size of SWD: 150 MM Size of SWD: 150 MM Sewage generation in KLD: 147 STP technology: RBC Capacity of STP 150 end Location & area of the STP: Basement Budgetary allocation (Capital cos): 14.0 lakhs Budgetary allocation (X do st): 0.0 lakhs Budgetary allocation (X do st): 0.0 lakhs Sepsender Set generation: Budgetary allocation (X do st): 0.0 lakhs Budgetary allocation (X do st): 0.0 lakhs Sepsender Set generation: Disposal of the construction waste debris: Not applicable Part waste: Total project: 436 kg/day Phase III: 217 kg/day Waste generation: Not applicable Phase: Total project: 290 kg/day Phase III: 144 kg/day Bizel (S do generation: St di disel Bizel (S do generation: Total project: 290 kg/day Phase III: 144 kg/day St ki disese St ki disese Bizel (S do generation: St ki disese			Maintained						
Sewage and Waste water Sewage generation in KLD: 147 STP technology: RBC Capacity of STP (CMD): 150 cmd Location & area of the STP: Basement Budgetary allocation (Capital cost): 14.0 lakhs Budgetary allocation (O & M cost): 3.0 lakhs State generation in the Pre Construction and Construction phase: Waste generation: Not applicable Vaste generation in the operation: Disposal of the construction waste debris: Not applicable Vaste generation: Dry waste: Total project: 436 kg/day Phase III: 217 kg/day Waste generation: Not applicable Not applicable Final Reserver Total project: 290 kg/day Phase III: 217 kg/day Waste generation: Not applicable Phase: STP Sludge (Dry sludge): 0.2 Kg/day									
Sewage and Waste waterIn KLD:147STP technology:RBCCapacity of STP (CMD):150 cmdLocation & area of the STP:BasementBudgetary allocation (Capital cost):14.0 lakhsBudgetary allocation (Capital cost):3.0 lakhsSOLSOLI WASTE MANAGEMENTWaste generation the Pre Construction phase:Maste generation: hthe Pre Construction phase:Maste generation: Construction waste construction waste construction waste:Pry waste: Hazardous waste:Not applicableNot applicable (Edition):Iotal project: 436 kg/day Phase III: 217 kg/dayHazardous waste: philosableIotal project: 290 kg/day Phase III: 217 kg/dayFigue Construction phase:Iotal project: 200 kg/day Phase III: 144 kg/dayMaste generation: phase:Not ApplicableStrige (Dry sindge):Iotal project: 200 kg/day Phase III: 144 kg/dayMaste generation: phase:Not ApplicableStrige (Dry sindge):Iotal project: 200 kg/day Phase III: 144 kg/day		Size of SWD:	150 MM						
Sewage and Waste waterIn KLD:147STP technology:RBCCapacity of STP (CMD):150 cmdLocation & area of the STP:BasementBudgetary allocation (Capital cost):14.0 lakhsBudgetary allocation (Capital cost):3.0 lakhsSOLSOLI WASTE MANAGEMENTWaste generation the Pre Construction phase:Maste generation: hthe Pre Construction phase:Maste generation: Construction waste construction waste construction waste:Pry waste: Hazardous waste:Not applicableNot applicable (Edition):Iotal project: 436 kg/day Phase III: 217 kg/dayHazardous waste: philosableIotal project: 290 kg/day Phase III: 217 kg/dayFigue Construction phase:Iotal project: 200 kg/day Phase III: 144 kg/dayMaste generation: phase:Not ApplicableStrige (Dry sindge):Iotal project: 200 kg/day Phase III: 144 kg/dayMaste generation: phase:Not ApplicableStrige (Dry sindge):Iotal project: 200 kg/day Phase III: 144 kg/day									
Sewage and Waste water Capacity of STP (CMD): 150 cmd Location & area of the STP: Basement Budgetary allocation (Capital cost): 14.0 lakhs Budgetary allocation (O & M cost): 3.0 lakhs Budgetary allocation (O & M cost): 3.0 lakhs Budgetary allocation (O & M cost): Not applicable Budgetary allocation (Disposal of the construction waste debris: Not applicable Budgetary allocation (Disposal of the construction waste: Total project: 436 kg/day Phase III: 217 kg/day Hazardous waste: 15 kl diesel Biomedical waste (If applicable): Not Applicable STP S			147						
Sewage and Waste water(CMD):130 cmdLocation & area of the STP:BasementBudgetary allocation (Capital cost):14.0 lakhsBudgetary allocation (O & M cost):3.0 lakhsBudgetary allocation (O & M cost):3.0 lakhsSG.SOII Waste ManagementWaste generation: phase:Not applicableDisposal of the construction waste debris:Not applicableDisposal of the construction waste debris:Total project: 436 kg/day Phase III: 217 kg/dayMaste generation: phase:Total project: 290 kg/day Phase III: 217 kg/dayMaste generation: phase:Total project: 290 kg/day Phase III: 217 kg/dayMaste generation: phase:Total project: 290 kg/day Phase III: 217 kg/dayMaste generation: phase:St dieselFinal Mathematical Maste (III) phicable):Not ApplicableBiomedical waste (III) splicable):Not ApplicableSt didge(Dry sludge):0.2 Kg/day		STP technology:	RBC						
Waste waterLocation & area of the STP:BasementBudgetary allocation (Capital cost):14.0 lakhsBudgetary allocation (O & M cost):14.0 lakhsBudgetary allocation (O & M cost):3.0 lakhsSOLSOLI Waste ManagementWaste generation: hase:Waste generation: Disposal of the construction phase:Not applicableMaste generation: hub Pre Construction phase:Waste generation: Disposal of the construction waste constructionNot applicableMaste generation: hub Pre Construction phase:Waste generation: Disposal of the construction waste construction wasteNot applicableMaste generation: phase:Maste generation: Disposal of the construction wasteNot applicableMaste generation: phase:Not applicableNot applicableMaste generation: phase:Not applicableNot applicableMaste generation: phase:Not applicableNot applicableMaste generation: phase:Not applicableNot applicableMaste generation: phicableNot ApplicableNot ApplicableMaste generation: phicableNot ApplicableNot Applicable	Sowage and		150 cmd						
IdentifiedIdentifiedRedigetary allocation (o & M cost):3.0 lakhs36.Solit waste ManagementWaste generation: Disposal of the construction waste ebris:Not applicableImage: Disposal of the construction waste ebris:Not applicableDry waste:Total project: 436 kg/day Phase III: 217 kg/dayWaste generation: hase:Total project: 290 kg/day Phase III: 144 kg/dayImage: Disposal of the construction waste ebris:Total project: 290 kg/day Phase III: 217 kg/dayMaste generation: phase:Total project: 290 kg/day Phase III: 144 kg/dayImage: Disposal of the construction waste ebris:Total project: 290 kg/day Phase III: 217 kg/dayMaste generation: phase:Total project: 290 kg/day Phase III: 144 kg/dayImage: Disposal of the construction waste ebris:Total project: 290 kg/day Phase III: 217 kg/dayImage: Disposal of the construction waste: in the operation: phase:Total project: 290 kg/day Phase III: 217 kg/dayImage: Disposal of the construction waste: in the operation: phase:Total project: 290 kg/day Phase III: 217 kg/dayImage: Disposal of the construction waste: in the operation: phase:Total project: 290 kg/day Phase III: 217 kg/dayImage: Disposal of the construction waste: in the operation: phase:Disposal of the construction waste: in the operation: in the operation: in the operation: phile the phile the 	0		Basement						
initial initinitial initinitial initinitial initinitial initial initial initial			14.0 lakhs						
Waste generation in the Pre Construction phase:Waste generation:Not applicableDisposal of the construction waste debris:Not applicablePry waste:Total project: 436 kg/day Phase III: 217 kg/dayWaste generation in the operation Phase:Mor waste:Image: Biomedical waste (If applicable):Not ApplicableSTP Sludge (Dry sludge):0.2 Kg/day			3.0 lakhs						
The Pre Construction and Construction phase:Disposal of the construction waste debris:Not applicableImage:Disposal of the construction waste debris:Not applicableImage:Dry waste:Total project: 436 kg/day Phase III: 217 kg/dayImage:Met waste:Total project: 290 kg/day Phase III: 144 kg/dayImage:Hazardous waste:15 kl dieselImage:Biomedical waste (If applicable):Not ApplicableImage:STP Sludge (Dry sludge):0.2 Kg/day	36.Solid waste Management								
and Construction phase:Disposition the construction waste debris:Not applicableMasseDry waste:Total project: 436 kg/day Phase III: 217 kg/dayWet waste:Total project: 290 kg/day Phase III: 144 kg/dayHazardous waste:15 kl dieselBiomedical waste (If applicable):Not ApplicableSTP Sludge (Dry sludge):0.2 Kg/day		Waste generation:	Not applicable						
Waste generation in the operation Wet waste: Total project: 290 kg/day Phase III: 144 kg/day Hazardous waste: 15 kl diesel Biomedical waste (If applicable): Not Applicable STP Sludge (Dry sludge): 0.2 Kg/day	and Construction	construction waste	Not applicable						
Waste generation in the operation Wet waste: Total project: 290 kg/day Phase III: 144 kg/day Hazardous waste: 15 kl diesel Biomedical waste (If applicable): Not Applicable STP Sludge (Dry sludge): 0.2 Kg/day		Dry waste:	Total project: 436 kg/day Phase III: 217 kg/day						
Waste generation Hazardous waste: 15 kl diesel Biomedical waste (If applicable): Not Applicable STP Sludge (Dry sludge): 0.2 Kg/day		-							
Waste generation Biomedical waste (If applicable): Not Applicable Phase: STP Sludge (Dry sludge): 0.2 Kg/day									
STP Sludge (Dry sludge): 0.2 Kg/day	in the operation	Biomedical waste (If							
Others if any: 3.6 tonns/annum E -Waste	1 11036.		0.2 Kg/day						
		Others if any:	3.6 tonns/annum E -Waste						



		Dry waste:			Dry garbag handed ove						and no	on-recyclable & is
Wet waste:					The biodegradable waste is composted using Biogas plant.							
Mode of Dispessal Hazardous waste:					Disposed to MPCB authorized recycler							
Mode of Disposal of waste: Biomedical applicable)				te (If	Not Applica	able						
		STP Sludg sludge):	e (Dry	ÿ	Dried and c	compos	sted ar	nd useo	d as m	anure	for ga	rdening.
	Sold to MPCB authorized party											
Location(s):					On ground							
Area requirem	ent:	Area for th of waste & material:			Appx 200 sq mts							
		Area for m	achin	ery:	Appx 200 sq mts							
Budgetary (Capital co		Capital co	st:		7.0 lacs							
O&M cost)		O & M cos	t:		1.5 lacs							7
			3	7.Ef	fluent C	hare	cter	estic	S			
Serial Number	Paran	neters	U	nit	Inlet E Charect			Outlet Efflue Charecteresti			Effluent discharge standards (MPCB)	
1	Not app	plicable		ot cable	Not ap	Not applicable Not applicable Not applicable						Not applicable
Amount of e (CMD):	ffluent gene	eration	Not a	pplica	lble	6		5				
Capacity of	the ETP:		Not a	pplica	ble							
Amount of t recycled :	reated efflue	ent	Not a	applica	lble							
Amount of water send to the CETP: Not applica					ble							
Membership				pplica								
Note on ETH	00			applica								
Disposal of	the ETP slud	lge		pplica								
			3	8.Ha	zardous	Was	ste D	etai	ls			
Serial Number	Descr	iption	C	at	UOM	5		Proposed To		tal	Method of Disposal	
1	1 Not applicable Not applicable				NotNotNotapplicableapplicableapplicable			Not applicable				
			3	39.S t	tacks em	issio	n D	etail	S			
Soction At limite				sed with ntity Stack No		k No.	trom		Internal diameter (m)		Temp. of Exhaust Gases	
1 Not applicable Not app					Not Not			lot icable Not applicable				
			4	0.De	tails of F	uel	to b	e use	ed			
Serial Number Type of Fuel					Existing Propo		posed			Total		
1 Not applicable N				Not applicable Not applicable Not applicable					Not applicable			
41.Source o					applicable							
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							
Joy S. Thakur				ting No	o: 103 Meetii 12, 2020	ng Dati	e: Febi	r uary	Pag	e 5 of 14	Sign	ature: A min D Anil Kale (Chairman C-III)

43.Green Belt Development		No of troos to be cut		4531.39 sq	4531.39 sq.m.			
				123 nos	123 nos			
		Number of trees to be planted :		450 Nos tre	450 Nos trees planted			
		List of proposed native trees :		Refer Enclo	Refer Enclosed Tree details			
		Timeline for completion of plantation :		Plantation of	Plantation done			
	44.Nu	mber and	l list of	trees spe	cies to b	e planteo	d in the ground	
Serial Number	Name of	the plant	Comm	on Name	Qua	ntity	Characteristics & ecological importance	
1		losed Tree ails		closed Tree etails	e Refer Enclosed Tree details		Refer Enclosed Tree details	
45	.Total qua	ntity of plan	its on gro	ınd				
46.Num	ber and	list of sl	nrubs a	nd bushes	s species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	C/C Distance Area m2		Area m2	
1 Refer Enclosed Tree details Refer			fer Enclosed 7	r Enclosed Tree details Refer Enclosed Tree details				
47.Energy								
		Source of power supply :		MSEDCL.				
Power requirement:		During Construction Phase: (Demand Load)		Not applica	ble			
		DG set as Power back-up during construction phase		Not applica	ble			
		During Operation phase (Connected load):		4392 kW				
		During Operation phase (Demand load):		2899 kW				
			Transformer:					
C V		DG set as Power back-up during operation phase:		4 Nos of 41	00 KVA			
		Fuel used:		HSD				
		Details of i tension lin through th any:	e passing	NA				
		48.Ene	ergy sav	ing by no	n-conver	ntional m	nethod:	



- Energy saving measures: Replacement of CFL with LED lights Power consumption monitoring based on ambient room temperature
- Selected UPS with power consumption less than 25% & Connected two floor on single UPS
 Weekly swiching off one UPS of Workstation & Data Center
- Canteen lights and fan operational controlled on auto timer.
- Timer based management for signboard lights

• Chiller Cooling Management by changing operational method based on low & High tariff hrs

49.Detail calculations & % of saving:									
Serial Number	Energy Conservation Measures				Saving %				
1		Energy Saving measures					(existing +So	olar PV) 10.5	6%
		50	.Details	of pol	lution o	ontrol S	ystems		
Source	Ex	isting pollu	ition contro	l systen	n		Proposed t	o be install	ed
Not applicable		Not	applicable			Not applicable			
	allocation	Capital co	st:	Rs.56,0)43 for exis	for existing Rs 71,00,000 for Solar			
	cost and cost):	O & M cos	it:	2,13,000					
51.Environmen			tal Mar	al Management plan Budgetary Allocation					
		a)	Construe	ction]	phase (with Brea	ak-up):		
Serial Number	Attributes		Parai	neter		Total (Cost per annı	ım (Rs. In I	.acs)
1	Not applicable		Not applicable Not ap			Not appli	oplicable		
b) Operation Phase (with Break-up):									
Serial Number	Component		Description		Cap	ital cost Rs Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)	
1		Freatment ant				14.0		3.0	
2		Waste Jement		>		7.0		1.5	
3	Rain Water	Rain Water Harvesting		- 15.0			3.0		
4	Green Belt			-		25.0		5.0	
5	Energy saving features		-			71		2	
6		ting cost	-			100.0		20.0	
7	Monitoring of Environmental Parameters		- 1.5			1.0			
8	TO	TOTAL -			233.5 38.5				
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)									
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

Joys. Thakur			Name: Kart Anit D
Thaten			Signature: Ach
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 7 of	Shri. Anil Kale (Chairman
SEAC-III)	12, 2020	14	SEAC-III)

Not applicable	Not applicable Not applica	able Not Not applicable Not applicable Not applicable Not applicable				
	52.A	ny Other Information				
No Information Availab	ble					
	53.	Traffic Management				
	Nos. of the junction to the main road & design of confluence:	1 no (T) junction				
	Number and area of basement:	1 basement with 5376 sqm				
	Number and area of podia:	NA				
	Total Parking area:	4410 sq.m				
	Area per car:	20.78 Sq. Mt.				
	Area per car:	20.78 Sq. Mt.				
Parking details:	Number of 2- Wheelers as approved by competent authority:	653 nos				
	Number of 4- Wheelers as approved by competent authority:	153 nos				
	Public Transport:	NA				
	Width of all Internal roads (m):	6 mtrs.				
	CRZ/ RRZ clearance obtain, if any:	Not Applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable				
	Category as per schedule of EIA Notification sheet	Category B: 8 (a)				
S	Court cases pending if any	Show Cause Notice received from Environment Department vide no. SEAC-2212/CR-502/TC-2 dtd. 04/07/2014. MPCB has filed case in the Court of Chief Judicial Magistrate at Pune vide Regular Criminal Case no. 0404433 of 2015. Case is dismissed by session court on 18th March 2019				
	Other Relevant Informations	We had submitted our application for Environment Clearance to SEAC on 11th Aug 2012. Further as per amendment in EIA notification dtd. 14th March 2017 we had submitted our proposal under violation to MoEF on 2ndAug 2017 (vide Proposal No. IA/MH/NCP/67117/2017). Now as per MoEF OM dated 15th March 2018 and 16th March 2018 we are submitting our application to SEAC/ SEIAA along with necessary documents.				

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 12, 2020	Page 8 of	Name: Kare Ami D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)
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submit Applica	ou previously ted tion online EF Website.	No			
Date of submis		-			
	TOR 9	Suggested Chang	ges		
Consolidated Statement Point Number	C	riginal Remarks	Submitted Changes		
5.Type of project	Industrial Estate		It's IT park (less than 50 ha) commercial use s 8(a) as area is less		
6.New project/expansion in existing project/modernization/diversification in existing project	Proposal is i	or Environment Clearance for ting Knowledge Park	Expansion		
29.Existing structure (s) if any	Total BUA:83 Himalaya FSI BUA: 9088.6 (FSI: 223.3 NC obtained; Secur Total BUA: 178 FSI: 3882.2 5965.6 Constru 2628.6 NON Construction of	FSI: 7277.34 NON FSI:1065.6 342.9 OC obtained; A1 Block – : 8066.8 NON FSI:1021.7 Total OC obtained; Transformer room ON FSI: 0 Total BUA: 223.3 OC rity Cabin FSI: 178.2 NON FSI:0 .2 OC obtained; Corporate Block NON FSI: 2083.4 Total BUA: action completed; Cafeteria FSI: FSI: 2004.4 Total BUA: 4632.9 completed; Fuji & Rockies Block 14373.4 NON FSI: 96	Total built-up area including FSI and Non FSI constructed till date = 52450.43 sq m Construction taken place after EIA notification 14.9. 2006 and without EC (Phase III) = 28651.46 sqm		
32.Total Water Requirement (Dry Season)	Fre	esh water (CMD): 55	Fresh water (CMD): 91		
-	Recycled v	vater - Flushing (CMD): 110	Recycled water - Flushing (CMD): 73		
-	Recycled w	vater - Gardening (CMD): 22	Recycled water - Gardening (CMD): 23		
-	Exc	cess treated water 6	Excess treated water :37		
32.Total Water Requirement (Wet Season)	Fresh water (CMD): 55		Fresh water (CMD): 91		
-	Recycled v	vater - Flushing (CMD): 110	Recycled water - Flushing (CMD): 73		
-	Exc	cess treated water 6	Excess treated water :63		
34.Rain Water Harvesting (RWH)	Quantity of recharge pits: 10 nos		Quantity of recharge pits: RWH system around Rockies & Fuji building and cafeteria comprises (i.e Phase III) 3 nos of recharge pits(Rain water pit+ Borewell)		
Size of recharge pits : -		-	1mX 1m X 1m		
36.Sewage and Waste water	Sewage	e generation in KLD:154	Sewage generation in KLD:147		
-	STP technology: MBBR		STP technology: RBC		
37.Solid waste Management	Dry waste: 508 kg/day Wet waste: 218 kg/day		Dry waste: Total project: 436 kg/day Phase II 217 kg/day Wet waste:Total project: 290 kg/d Phase III: 144 kg/day		
C - Y	Others if any:	Refer enclosed E waste details	Others if any:3.6 tons /annum - Ewaste		
50.Detail calculations & % of saving	Energ	y Saving measures 5%	Energy Saving measures (existing +Solar PV) 10.56% 5%		
53. Any Other Information	Court cases pending if any Show Cause Notice received from Environment Department vide no. SEAC-2212/CR-502/TC-2 dtd. 04/07/2014. MPCB has filed case in the Court of Chief Judicial Magistrate at Pune vide Regular Criminal Case no. 0404433 of 2015. The said case is pending for decision & Closure.		Case is dismissed by session court on 18th March 2019.		

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Joy S. Thakur Haluw		Name: Kart Anii D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Shri. Anil Kale (Chairman
SEAC-III)	12, 2020	SEAC-III)

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

Brief information of the project by SEAC

Joy S.Thakur (Secretary SEAC-III) SEAC Meeting No: 103 Meeting Date: February 12, 2020 of 14 SEAC-III)

PP had submitted application for prior Environmental clearance stating following details	:			
1.Name of Project	Kharadi Knowledge Park, MIDC Kharadi, Pune			
2.Type of institution	Private			
3.Name of Project Proponent	Zensar Technologies Ltd.			
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.			
5.Type of project	Industrial Estate			
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	Proposal is for Environment Clearance for existing Knowledge Park			
8.Location of the project	Plot no 4-MIDC Kharadi, Kharadi, Pune, Maharashtra.			
9.Taluka	Haveli			
10.Village	Kharadi			
Correspondence Name:	Mr. Shashank Bangale			
Room Number:				
Floor:				
Building Name:	Zensar Knowledge Park,			
Road/Street Name:	Plot No. 4, MIDC, Off Nagar Road			
Locality:	Kharadi			
City:	Pune - 411014			
11.Area of the project	Pune Municipal Corporation			
	MIDC Plan Approval Number: E6/IT/Plans/2365/01 2007, dtd. 19/12/07			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number EE/IT/Plans/2227 of 2007 dtd.27.11.2007 for Cafeteria bldg. and EE/IT/Plans/2365 of 2007 dtd.19.12.2007 for Rockies & Fuji bldgs.			
	Approved Built-up Area: 52450.43			
13.Note on the initiated work (If applicable)	Construction of the project is completed.			
14.LOI / NOC / IOD from MHADA/	MIDC Allotment letter dated 7th April 2003			
Other approvals (If applicable) 15.Total Plot Area (sq. m.)	44,043.00 sq.m			
15.10tal Plot Area (sq. m.) 16.Deductions				
	44,043.00 sq.m			
17.Net Plot area	FSI area (sq. m.): 36,629.82			
	Non FSI area (sq. m.): 15,860.61			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Total BUA area (sq. m.): 52450.43			
GY	Approved FSI area (sq. m.): 36,629.82			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 15,860.61			
	Date of Approval: 27.11.2007 and 19-12-2007			
19.Total ground coverage (m2)	9474.52			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21.5%			
21.Estimated cost of the project	Rs. 110000000/-			
PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018.				
The case was discussed on the basis of the documents submitted and presentation made aspects were examined. The proposal is appraised as category 8(a)B2.	by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social			
	Name:Kare:AmitDSignature:Signature:Signature:Signature:103 Meeting Date:FebruaryPage 11Shri. Anil Kale (Chairman12, 2020of 14SEAC-III)			

DECISION OF SEAC


During discussion following points emerged:

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

2. PP to submit Disaster management plan.

3. Fire tender movement pan for buildings proposed for EC shall be revised such that 6 m drive way is available all around the building for movement of fire tender.

4. PP to submit cross sections across all buildings indicating drive ways.

5. PP to submit basement ventilation plan and basement approval plan.

6. PP to submit parking statement showing total number of parking required and proposed as per DCR / Town Planning norms with adequate area per car as per norms.

7. PP to submit evacuation plan for entire project for occupants, visitors and as well as cars.

8. PP to submit permissions granted by State Government in tabular and chronological form. Comparative statement of components approved and components constructed as per earlier EC (if applicable) and proposed development.

9. PP to submit the detailed master plan indicating already completed construction and proposed construction. PP to submit the certificate from architect for completed work

10. PP to submit socio-economic infrastructure details including public transport arrangements on the site.

11. PP to submit contour map with slopes, drainage pattern of the site and surrounding area. Layout showing natural water courses on site; total runoff calculation before and after development.

12. PP to submit debris management plan including (a) debris required for refilling, (b) contour plan, (c) details of site where excess debris will be disposed, capacity of the site and NOC of plot owner. PP shall also ensure that debris disposed on other plot shall not be disposed on another plot. If to be disposed on another plot, the same shall be carried out as per prevailing environmental laws.

13. PP to submit integrated waste management plan.

14. PP to submit details and drawings of internal storm water and sewer line up to final disposal point.

15. PP to submit site specific, executable EMP encompassing monitoring matrix, Environment Cell and responsibility for execution.

16. PP to obtain and submit following NOC's: (a) Water supply with quantity, (c) Drainage NOC. (d) solid waste / e-waste management.

17. The Committee noted that assessment of ecological damage with respect to air, water, land and other environmental attributes carried out by PP is 1.15 Cr.

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

Specific Conditions by SEAC:

Joy S. Thakur Thatew		Name: Kare Ami) D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	 Shri. Anil Kale (Chairman
SEAC-III)	12, 2020	SEAC-III)

FINAL RECOMMENDATION

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

Stiller Colling And Colling Co Joy S. Thakur AnilD Name: Kare Signature: Shri. Anil Kale (Chairman Joy S.Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February **Page 14** 12, 2020 SEAC-III) SEAC-III) of 14

103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for Amendment in Environment Clearance for M/s Knowledge City Education Pvt. Ltd. & M/s. Oxford Golf & Resorts Pvt. Ltd. "OXFORD CITY" Residential, Educational Institute and Commercial Project at Gat No. 1167 to 1179,1181, 1183 to 1189, 1191 to 1198,1200 to 1204,1206 to 1232, 1241, 1243, 1245, 1246, 1247, 1253, 1259, 1261, 1263 to 1266, 1268 to 1284, 1286 to 1289, 1292, 1298 to 1303, 1317, 1656 to 1660 at village Lavale and Gat No. 23, 34/1, 34/2/1, 34/4b/1, 129/1, 131, 132, 135, 137/1, 137/2, 137/3

Is a Violation Case: No

1.Name of Project	Oxford City
2.Type of institution	Private
3.Name of Project Proponent	Mr. Haresh Shah
4.Name of Consultant	VK: e environmental LLP, Office: 73/2, Bhakti Marg, Law College Road, Pune - 411 004 020-66268888 ; Fax: 020-66268801
5.Type of project	Township
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in earlier EC granted on 15th January 2019 vide letter SEIAA-EC-0000000622
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC Granted 1.No. 21-154/2006/IA-III date 17 Oct. 2006. 2. No. 21-362/2007/IA-III dated 27 Dec. 2007. 3. SEIAA-EC-0000000622
8.Location of the project	Gat No. 1167 to 1179,1181, 1183 to 1189, 1191 to 1198,1200 to 1204,1206 to 1232, 1241, 1243, 1245, 1246, 1247, 1253, 1259, 1261, 1263 to 1266, 1268 to 1284, 1286 to 1289, 1292, 1298 to 1303, 1317, 1656 to 1660 at village Lavale and Gat No. 23, 34/1, 34/2/1, 34/4b/1, 129/1, 131, 132, 135, 137/1, 137/2, 137/3, 159, 163, 168, 199, 200/3 at village Bavdhan, Pune, Maharashtra.
9.Taluka	Mulshi
10.Village	Lavale and Bavdhan
Correspondence Name:	M/s. Knowledge City Education Pvt. Ltd. & M/s. Oxford Golf & Resorts Pvt. Ltd.
Room Number:	501
Floor:	4th Floor
Building Name:	Kensington Court
Road/Street Name:	Lane No.5, off North main road
Locality:	Koregaon Park
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Metropolitan Regional development Authority (PMRDA)
	CC issued by PMRDA
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Sanctioned vide No. BMU/Mouje Lavale/S.N. 1168 and others/PN/31/2017-18 dt. 10.04.2018
	Approved Built-up Area: 1545578.96
13.Note on the initiated work (If applicable)	Work in progress as per Earlier EC granted
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Yes
15.Total Plot Area (sq. m.)	3857154.00
16.Deductions	220554.83
17.Net Plot area	3636599.17
	a) FSI area (sq. m.): 4253512.80
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 1170910.51
NOII-1 (1)	c) Total BUA area (sq. m.): 5424423
	Approved FSI area (sq. m.): 1287982.47
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):
DOR	Date of Approval: 10-04-2018
19.Total ground coverage (m2)	254682 Sq. m.
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Joy S. Thakur		Name: Kare Amin D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	 Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	SEAC-III)

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

Serial

6.6~% of Total Plot Area and 7.0~% of Net Plot Area

21.Estimated cost of the project

1500000000

22.Number of buildings & its configuration Building Name & number Number of floors Height of the building (Mtrs)

number	Building Name & number	Number of floors	Height of the building (Mtrs)		
1	OCR -1: G1BA G1BA (No of Bldg. 6)	2PD+30	99.90		
2	OCR -1: G7 G1BA (No of Bldg. 2)	2PD+30	99.90		
3	OCR -1: G3D G1BA (No of Bldg. 3)	2PD+30	99.90		
4	OCR -1: G4A G1BA (No of Bldg. 6)	2PD+30	99.90		
5	OCR -2: N1Cb G1BA (No of Bldg. 4)	3PD+30	99.90		
6	OCR -2: N1Da G1BA (No of Bldg. 2)	3PD+30	99.90		
7	OCR-2: G3D G1BA (No of Bldg. 3)	3PD+30	99.90		
8	OCR-2: MLCP+C8 G1BA (No of Bldg. 1)	6	24.00		
9	OCR 2: C5 G1BA (No of Bldg. 1)	3	15.00		
10	OCR 2: CG (No of Bldg. 1)	3	15.00		
11	OCR 2: C7 (No of Bldg. 1)	3	15.00		
12	OCR 3: T1, T3 (No of Bldg. 2)	5PD+30	99.90		
13	OCR 3: T2,T4,T5,T6,T7 (No of Bldg. 4)	5PD+30	99.90		
14	OCR 4: T (No of Bldg. 1)	2PD+ 30	99.90		
15	OCR 5: T (No of Bldg. 3)	2PD+ 30	90.00		
16	OCR 6: BLOCK A (No of Bldg. 1)	G+3	12.27		
17	OCR6: BLOCK B (No of Bldg. 1)	G+4	25.00		
18	OCR 6: BLOCK Commercial building (No of Bldg. 1)	P + 1	7.20		
19	OCR6: BLOCK E (No of Bldg. 1)	G+7	28.15		
20	OCR-6 Iconic I (No of Bldg. 1)	G+12	44.90		
21	OCR 6: Iconic II (No of Bldg. 1)	G+12	44.90		
22	OCR 6: Parking Building (No of Bldg. 1)	P+1	6.00		
23	OCR-7 +8 TYPE-1 (No of Bldg. 18)	G+2	14.50		
24	OCR-7 +8 TYPE-2 (No of Bldg. 3)	G + 2	14.50		
25	OCR-7 +8 TYPE-3 (No of Bldg. 79)	G + 2	14.50		
26	OCR-7 +8 TYPE-4 (No of Bldg. 13)	G + 2	14.50		
27	OCR-7 +8 TYPE-5 (No of Bldg. 21)	G + 2	14.50		
28	OCR-7 +8 TYPE6 (No of Bldg. 18)	G + 2	14.50		
29	OCR 9 T (No of Bldg. 1)	2PD+30	99.90		
30	OCR 10 T (No of Bldg. 1)	2PD+30	99.90		
31	OCR 12 T (No of Bldg. 6)	2PD+30	99.90		
32	OCR 13 T (No of Bldg. 4)	2PD+30	99.90		
33	OCR 14 E 1 (No of Bldg. 2)	P+17	60.00		

34	OCR 14 E 3 (No of Bldg. 2)	P+17	60.00
35	OCR 15 E 1 (No of Bldg. 1)	P+17	60.00
36	OCR 16 E 1 (No of Bldg. 1)	P+18	55.00
37	OCR 17 E 1 (No of Bldg. 1)	P+17	60.00
38	OCR 17 E 1A (No of Bldg. 1)	P+17	60.00
39	OCR 17 E 2 (No of Bldg. 2)	P+17	60.00
40	OCR 17: LOGHUTS (No of Bldg. 10)	G+1	6.0
41	OCR 18 T (No of Bldg. 3)	2PD+30	99.90
42	OCC- 4 Shed -1 (No of Bldg. 1)	G	7.8
43	OCC- 3 Town Hall (No of Bldg. 1)	P+ POD + 7	24
44	OCC- 2 C -2 (No of Bldg. 1)	P+ POD + 23	71.40
45	OCA-4 Health Club (No of Bldg. 1)	P+ 2	15
46	OCA-2 Library Building (No of Bldg. 1)	P+ 7	24.00
47	OCE -9 Health (No of Bldg. 1)	P+ 5	18.15
48	OCE-1 A01 (No of Bldg. 1)	G+1	9.45
49	OCE-1 A02 (No of Bldg. 1)	LG+G+3	14.95
50	OCE-1 A03 (No of Bldg. 1)	G+3	12.00
51	OCE-1 A04 (No of Bldg. 1)	G+2	11.25
52	OCE-1 A05 (No of Bldg. 1)	G+3	12.00
53	OCE-1 A06 (No of Bldg. 1)	G+1	9.45
54	OCE-1 A07 (No of Bldg. 1)	G+3	14.85
55	OCE-1 A08 (No of Bldg. 1)	G+1	9.45
56	OCE-1 A09 (No of Bldg. 1)	G+3	14.85
57	OCE-1 A10 (No of Bldg. 1)	G	5.20
58	OCE-1 A11 (No of Bldg. 1)	G+1	13.11
59	OCE-1 A12 (No of Bldg. 1)	G+1	11.10
60	OCE-1 A13 (No of Bldg. 1)	G	4.02
61	OCE-1 A15 (No of Bldg. 3)	G+1	6.90
62	OCE-1 A16 (No of Bldg. 1)	G+1	7.00
63	OCE-1 A17 (No of Bldg. 1)	G+1	7.00
64	OCE-1 A18 (No of Bldg. 1)	G+1	7.00
65	OCE-1 A19 (No of Bldg. 1)	G+1	7.00
66	OCE-1 A20 (No of Bldg. 1)	G	4.50
67	OCE-1 A21+22 (No of Bldg. 1)	G	6.45
68	OCE-1 A23 (No of Bldg. 1)	G	3.45
69	OCE-1 A26 +2 (No of Bldg. 3)	G+3	13.00
70	OCE-1 A27 +2 (No of Bldg. 3)	G+4	14.95
70	OCE-1 A27 +2 (No of Bldg. 3) OCE-1 A28 (No of Bldg. 1)	G+4 G+3	14.95
72	OCE-1 A28 (No of Bldg. 1)	G	4.35
72	OCE-1 A40 (No of Bldg. 1)	G G+2	14.81
73	OCE-1 A41 (No of Bldg. 1) OCE-1 A42 (No of Bldg. 1)		
		G+3 G	15.00
75	OCE-1 A46 (No of Bldg. 1)		3.45
76	OCE-1 A47 (No of Bldg. 1)	G	3.45

Joy S. Thakur			Name: Kare Anii D
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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 3 of	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	170	SEAC-III)

77	OCE-1	A48 (No of Bldg. 1)	G+4	15.00	
78	OCE-1 Aud	itorium (No of Bldg. 1)	G+1	14.40	
79	OCE2:Spor	t Complex (No of Bldg. 1)	G+1	10.80	
80		utive Education Centre No of Bldg. 1)	G+7	24.00	
81	OCE2:Ho	stel 1 (No of Bldg. 1)	G+3	12.00	
82	OCE2:Fa	culty Housing (No of Bldg. 1)	G+7	24.00	
83		OCE 3	0	0	
84		OCE 4	0	0	
85	OCE -5 Bui	lding-1 (No of Bldg. 1)	G+3	14.90	
86	OCE -5 Bui	lding-2 (No of Bldg. 1)	G+3	14.90	
87	OCE -5 Bui	lding-3 (No of Bldg. 1)	G+3	14.90	
88	OCE -5 Bui	lding-4 (No of Bldg. 1)	G+3	14.90	
89	OCE -5 Bui	lding-5 (No of Bldg. 1)	G+3	14.90	
90	OCE -5 Bui	lding-6 (No of Bldg. 1)	G+3	14.90	
91	OCE7 – Aca	demic Block – A (No of Bldg. 1)	G+3	15.00	
92	OCE7 – Aca	idemic Block - B (No of Bldg. 1)	G+3	15.00	
93	OCE6- Sc	hool 1 (No of Bldg. 1)	G+3	14.90	
94	OCE8 – Ho	ousing 2A (No of Bldg. 4)	G+4	16.00	
95	OCE8: Hou	sing 3A (No of Bldg. 1)	G+4	16.00	
96	OCE8: Hou	sing D-1, D2 & D-3 (No of Bldg. 3)	G+1	7.00	
97	OCU-1 Bus	Station (No of Bldg. 1)	G	5.00	
98	OCU-1 Poli	ce Station (No of Bldg. 1)	G	4.20	
99	OCU-1 Fire	Station (No of Bldg. 1)	G	5.00	
23.Number tenants an		No. of Tenements 18922	2 (Residential) ; total number of build	ings 290	
24.Number expected r users	-	275168			
25.Tenant density per hectare 50 (permissible 250 per			hector)		
26.Height building(s					
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)18 m. road developed by project proponent connected to NH-4. Fire station is at distance of 18 km. also 3 bay fire station is proposed in Township.					

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 4 of	Name: Kare Api D Signature: Jelle Shri. Anil Kale (Chairman SEAC-III)
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28.Turning for easy acc fire tender movement around the excluding t for the plan 29.Existing structure (s 30.Details	cess of from all building the width ntation (s) if any	9 mtr Work in progress as per Earlier EC granted					
demolition disposal (If applicable)	with	NA					
			31. P	roduct	ion Details		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)	
1	Not app	plicable	Not ap	plicable	Not applicable	Not applicable	
		3	2.Tota	l Wate	r Requiremen	t	
		Source of	Source of water Irrigation Department Pune				
		Fresh wate	er (CMD):	8792			
		Recycled water - Flushing (CMD): 5158					
		Recycled w Gardening		2560			
		Swimming make up (9			
Dry season	:	Total Wate Requireme :		16510			
		Fire fighting - Underground water tank(CMD):		500 KL			
		Fire fightin Overhead tank(CMD)	water	ater 30 KL			
Excess treated water			4118 (ues f	or golf course)			
	Si						



Source of water		ter	Irrigation Department Pune							
		Fresh water	(CMD):	8792						
		Recycled wat Flushing (CM		5158						
Gardeni Swimmi make up Wet season: Total W		Recycled wat Gardening (C		0						
		Swimming po make up (Cu		9						
		Total Water Requirement :	: (CMD)	13950						
		Fire fighting Underground tank(CMD):		500 KL				0		
		Fire fighting Overhead wa tank(CMD):		30 KL			0	9		
		Excess treate	ed water	5916 ues for	golf course)					
Details of S pool (If any		AS per Layout	plan			C				
	33.Details of Total water consumed									
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	500	13488	13988	90	1763	1853	410	11725	12135	
Gardening	664	1897	2561	0	0	0	0	0	0	
		Level of the water table:	Ground	Pre monsoon depth of Water level 2-5 m						
		Size and no c tank(s) and Quantity:	of RWH	details are given in hydrogeology Report						
		Location of t tank(s):	he RWH	As per contour of the site						
34.Rain V Harvestir		Quantity of r pits:	echarge	250 Nos.						
(RWH)		Size of recha :	rge pits	2 x1 x 2 m						
	2	Budgetary al (Capital cost	location) :	220 Lakhs						
		Budgetary al (O & M cost)		12 Lakhs/Annum						
		Details of UC if any :	GT tanks	20 UGWT w	20 UGWT will be provided					



	Natural w drainage j		Storm water drainage w	ill be o	designed accor	ding to contour of the site	
35.Storm water drainage	Quantity of water:	of storm	222000 cum				
	Size of SW	VD:	1200 mm & 1800 mm in	diame	eter		
			I				
	Sewage ge in KLD:	eneration	12185				
	STP techn	ology:	MBBR				
Sewage and	Capacity of (CMD):	of STP	25no. Total Capacity 12330 KLD				
Waste water	Location & the STP:	x area of	Shown in Layout Plan			0	
	Budgetary (Capital c	allocation ost):	Rs. 900 Lakhs				
	Budgetary (O & M co	allocation st):	Rs. 1 cr/Annum			3	
	1	36.Soli	d waste Mana	gen	nent		
Waste generation in	Waste ger	neration:	24 Kg/day				
the Pre Construction and Construction phase:	Disposal o constructi debris:		Authorized Dealer	0	0		
	Dry waste	:	24990.5 Kg/Day)			
	Wet waste	:	37486 .0 kg/day				
Waste generation	Hazardous waste:		0				
	Biomedica applicable	al waste (If e):	30 Kg/day				
I Muber	STP Sludge (Dry sludge):		Yes				
	Others if a	any:	Used Oil				
	Dry waste	:	Authorized recycler				
	Wet waste		OWC				
	Hazardou	s waste:	Authorized dealer if any				
Mode of Disposal of waste:	Biomedica applicable	al waste (If e):	Authorized Dealer				
	STP Sludge (Dry sludge):		Dry Sludge will be used	as ma	nure for Garde	ning	
	Others if a	any:	Authorized Vendor				
7	Location(s	,	As per shown in Layout Plan				
Area requirement:	Area for the of waste & material:	he storage a other	Enmark area is shown in layout plan				
	Area for n	nachinery:	2328 Sq.m for OWC setu	ıp.			
Budgetary allocation	Capital co	st:	Rs. 3.5 Crores				
(Capital cost and O&M cost):	O & M cos	st:	Rs. 50 lacs per annum				
		37.Ef	fluent Charecter	estic	S		
Serial Number Parar	neters	Unit	Inlet Effluent Charecterestics		utlet Effluent arecterestics	Effluent discharge standards (MPCB)	
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)			5: 103 Meeting Date: Febr 13, 2020	uary	Page 7 of Si	Name: Kare Amin D Signature: Action hri. Anil Kale (Chairman EAC-III)	

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kur (Secretary	SEAC Meeting No: 103 Meeting Date: February
	13, 2020

1	р	Н	NA	7.5	5-8.5	7.0	7.0-7.5		
2	S	S	mg/ltr	150)-200	50	-100	100	
3	В	DD	mg/ltr	50)-80	10)-30	30	
Amount of e (CMD):	effluent gene	eration	90 kld						
Capacity of	the ETP:		100 KLD						
Amount of treated effluent recycled : 88 KLD									
Amount of v	vater send t	o the CETP:	Not applic	able					
Membershij	p of CETP (i	f require):	Not applic	able					
Note on ETI	P technology	v to be used	Not applic	able					
Disposal of	the ETP sluc	lge	8-9 kg						
			38.H	azardous	Waste l	Details		0	
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposa	
1	N	ſΑ	NA	NA	NA	NA	NA	Authorised Vendor	
			39.S	tacks em	lission D	etails			
Serial Number	Section	& units		sed with ntity	Stack No.	Height from ground level (m)	n diameter Gases		
1	1 DG Set		2380	2380 ltr/day		122 nos. Norms		ppropriate as per height.	
			40.De	etails of l	Fuel to b	e used	2	•	
Serial Number				Existing			Proposed Tot		
1		Diesel		816 ltr/day		2380 ltr/day	y	3196 ltr/day	
41.Source o	of Fuel			l Supplier					
42.Mode of	Transportat	ion of fuel to	o site by R	oad through	Truck Tank	er			
				-					
		Total RG a	area :	937455.59	Sq.m. (Incl	uding Hill slo	ope plantati	on)	
		No of tree	s to be cut	800 Nos. a	pproximate)			
43.Gree	n Belt	Number of be planted	1 5					20000 trees have been	
Development List of pronative tree				posed Neem, Mango, Jambhul, Fig, Amaltas, Ba					
		Timeline f completion plantation	n of	Not Applic	able				
	44.Nu	mber and	d list of	trees spe	cies to k	oe plante	d in the	ground	
Serial Number	Name of	the plant	Comm	ion Name	Qu	antity	Charao	cteristics & ecological importance	
1	Azardira	chtaindica	Ν	leem	3	3000	E)ense , Evergreen	
2	FicusBei	nghalensis	Barg	ad,(Wad)		150	Larg	Large, Dense , Evergreen	
3	Termina	liaArjuna	А	rjuna	2	2000	sem	i-deciduous, Medium	
4	Polyalth	iaPendula	A	shoka	4	£000	j	Evergreen, small	
Joys	. Thakur	r					Na	me: Kare Anit D	

Thatew			Signature: Ach-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 8 of	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	170	SEAC-III)

5	Mangif	eraIndica	A	mba	1	000	Large, Dense , Evergreen	
6	Syzygiu	mCuminii	Jan	nbhul	1	000	semi-deciduous, Medium	
7	Cassia	a Fistula	An	naltas	1	500	Evergreen, small	
8	Dalberg	iaLatifolia	Sh	isam	1	000	Large, Dense , Evergreen	
9	Michelia	Champaka	Soar	nChafa	8	300	Large, Dense , Evergreen	
10	Manilka	arazapota	C	hiku	8	300	semi-deciduous, Medium, tall	
11	Furcrat	aGigantia	Fur	curea	5	700	succulent garden ornamental.	
12	Delon	ixRegia	Gul	mohar	1	500	Deciduous, Large	
13	Artocarpus	heterophyllus	Jac	kfruit	Ľ	500	Good canopy, Fruit & flower, attracting	
14	FicusB	enjamina]	Fig	Ę	550	Deciduous, Large	
15	Roysto	nearegia	Roya	al Palm	1	500	Deciduous, Large	
4	5.Total qua	ntity of plants	on grou	nd				
46.Nun	nber and	list of shru	ıbs an	d bushes	species	to be p	lanted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1		NA		NA		C	NA	
47.Energy								
		Source of pow supply :	/er	MSEDCL	0	0		
	During Cons Phase: (Dem Load)			n 197 MW				
		DG set as Power back-up during construction phase		NA				
During Operation phase (Connected load):				365 MW				
Power requirement: During Operatio phase (Demand load): Transformer: DG set as Power back-up during operation phase: Fuel used:			197 MW					
		Transformer:		184 Nos.				
		back-up during		122 Nos.				
		Fuel used:		Diesel				
	5	Details of high tension line p through the p any:	assing	132 KVA line	9			
		48.Energ	y savi	ng by nor	n-convei	ntional r	nethod:	
		3	0	3				



Solar Energ	gy Convent	ional En	ergy						
		its Save	d/ yea	r Energy cos	t savings/ Ye	ear Units	Saved/ Da	ay Units / yea	ar Energy cost / Year %
Energy Saving/yr (Kw-hr/ year) (Rs./year) (Kw-hr/ Day) (Kw-hr/ year) Rs./year									
1 Solar Ligi (for Landsc			0 120	438000 3060	6000 10				
2 Still Floor	r / Staircas		06 363	138942 1414	4 17209020	1204631	140 30		
	Lifts 4204			11520 2102					
				00 17567200					
			0 228	5 83446342 3 620 142948	1000636				
	1		4	9.Detail	calculati	ons &	% of s	aving:	
Serial Number		Energy	Cons	ervation M	easures			S	aving %
1	Sol	ar Light	ing (fo	or Landscape	e/Driveway)				50 %
2	Still	Floor /	Stairc	ase / Lift Lol	oby Lighting				30 %
3				O's on Lifts					20 %
4		Sola		els for Hot W					9 %
			50	.Details	of pollut	ion co	ntrol S	ystems	
Source		Exist	ing p	ollution con	trol system			Propose	d to be installed
Air Polluti -Vehicula	-								
Movement	and	Ac	oustic	Covered and	Chimney				ppropriate Acoustic Cover and
DG Set us during pov		110	040000	e covered and eminiey				Chimney (stac	ck) as per CPCB Norms
failure on									
Sewage			200	KLD and 300	KLD		23 more STP Total capacity after expansion will be 12330 KLD		
Solid Was									
(Non Bio degradabl			Bi	ins are Provid	led		2 OWC will be installed		
and Bio Degrdabl									
Budgetary		n Capit	al co	st:	Rs.4203.00	Lakhs			
(Capital	cost and cost):		-		Rs.50.00 La		nnum		
		conm	eni	tal Mar			_	udaeta	ry Allocation
					0	-		0	- y - 111000001011
		<u>}</u>	d)	Construc		15e (w.	iui bre	ak-up):	
Serial Number	Att	ributes		Parai	neter		Total	Cost per an	num (Rs. In Lacs)
1		Water for Dust Suppression SPM				495.5			
2		Site Sanitation & mobile toilets				7.2			
3	3 Environment Monitoring		l		-	2.75			
4	Health &	c Checku abour	ip of		-	12.78			
5	Т	OTAL		-	-			518	3.23
			b) Operat	ion Phas	e (wit	h Brea	k-up):	
Tax	S. Thaki	17							Name: Kart Ani) D
Ø	nature								Signature: Action

			Signatu
I	SEAC Meeting No: 103 Meeting Date: February	Page 10	Shri. Ani
I	13. 2020	of 170	SEAC-III

Joy S.Thakur (Secretary SEAC-III)

ture: Ami) D nil Kale (Chairman I)

Serial Number	Component		Descr	iption	Capi	ital cost Rs Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Water	Pollution	Sewage T Plant 23 M capacity 1	Nos. Tota	al	900		100		
2	Air Pollution Control Stacks o Management ht shall b		Stacks of a ht shall be	Water sprinklers, Stacks of appropriate ht shall be provided to DG Set		25		5		
3		d Waste agement	Organic Converter bins will b			35		50		
4]	RWH	250 Nos o be pro		all	220		12		
5	Energy (Conservation	Flat Area (2 Light On PV Solar) solar water heaters & Solar Street Light.		ter	4203		50		
6		onmental nitoring	monit	nonitoring 0				11.5	j	
7			То	tal	5383 228.5			5		
51.S	torag	e of che	micals		amabl stance	es)	osive/ha	zardou	s/toxic	
Descrij	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 applicable Not applicable Not applicable			Not applica	Not applicable app		Not applicable	Not applicable	Not applicable	Not applicable	
		· · · ·	52.A	ny Ot	her Info	rmation	1			
lo Informa	tion Availa	ble								
			53.	Traffi	c Manag	gement				
		Nos. of th to the ma	e junction in road &				le by Mumbai- y Project Propo		IH-4 road	



	Number and area of basement:	None
	Number and area of podia:	46 Podium.
	Total Parking area:	817000 Sq. m.
	Area per car:	As per PMRD Norms
	Area per car:	As per PMRD Norms
Parking details:	Number of 2- Wheelers as approved by competent authority:	87770 Scooter and 87770 Cycles
	Number of 4- Wheelers as approved by competent authority:	27678 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	12-24 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 (b), B1
	Court cases pending if any	None
	Other Relevant Informations	The proposed project is Rearrangement of Internal Township sectors. As per earlier EC in OCR 6 .no. of tenements have increased from 315 to 437 and Environmental services have been provided accordingly.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	18-12-2017
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	

3 3	SEAC Meeting No: 103 Meeting Date: February	Page 12	Name: Kare Ami D Signature: A lo Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation	
system and risk assessment	-
Landscape Plan	-
Disaster	
management system and risk assessment	-
Socioeconomic	
impact assessment	-
Environmental Management Plan	
Any other issues	
related to environmental	-
sustainability	
	Brief information of the project by SEAC
Si	Colin Markey

Brief information of the project by SEAC

natur Joy S.Thakur (Secretary SEAC-III)

Joy S. Thakur

SEAC Meeting No: 103 Meeting Date: February 13, 2020

Name: Kare Ani) D la-Signature: de Shri. Anil Kale (Chairman **Page 13** SEAC-III) of 170

Joy S. Thakur Hamilton Joy S. Thakur Hamilton Joy S. Thakur Hamilton Joy S. Thakur Hamilton Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 14
of 170Signature:JackShri. Anil Kale (Chairman
SEAC-III)

DECISION OF SEAC

During discussion following points emerged:

1. PP to submit detailed geo-hydrological report.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Joy S.Thakur (Secretary SEAC-III)

Joy S

Thakur

SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 15 of 170 SEAC-III)

103 SEAC-3 day 03 SEAC Meeting number: 103 Meeting Date February 13, 2020 Subject: Environment Clearance for Proposed Residential and Commercial Development Is a Violation Case: Yes **1.Name of Project** Proposed Residential and Commercial Development 2.Type of institution TOR **3.Name of Project Proponent** Bhujbal Family 4.Name of Consultant M/s Enviro Resources **5.Type of project** Housing 6.New project/expansion in existing project/modernization/diversification Not applicable in existing project 7.If expansion/diversification. whether environmental clearance Not applicable has been obtained for existing project 8.Location of the project S.No. 67, H. No. 2+4 to 7+9 to 11 and H. No. 8A+3+1 Haveli 9.Taluka 10.Village Kothrud Mr Suraj Bhujbal **Correspondence Name: Room Number:** S. No. 160 Floor: NA **Building Name:** Bhujbal House **Road/Street Name:** NA Locality: Kothrud City: Pune 11.Whether in Corporation / Pune Municipal Corporation Municipal / other area CC/2500/17 dated 29.12.2017 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: CC/2500/17 dated 29.12.2017 Approval Number Approved Built-up Area: 79080 13.Note on the initiated work (If We have constructed as per old sanctions applicable) 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 15.Total Plot Area (sq. m.) 54000 **16.Deductions** 443.13 **17.Net Plot area** 53556.87 a) FSI area (sq. m.): 70,818.59 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 64,046.72 Non-FSI) c) Total BUA area (sq. m.): 134865.30 Approved FSI area (sq. m.): 70,818.59 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): 64,046.72 DCR Date of Approval: 02-12-2017 19.Total ground coverage (m2) 9737.06 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 18.18 to sky) 21.Estimated cost of the project 153

22.Number of buildings & its configuration

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 16	Name: Kare Ani D Signature: A Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Buildin	g Name & number	Number of floors	Height of the building (Mtrs)
1		A1	B1+P+5	7.30
2		A2	G+1	17.30
3		A3	P+5	19.95
4		A4	P+6	7.30
5		A5	G+1	7.30
6		B 1	P+6	19.95
7		B 2	P+11	35.70
8		В 3	P+5	17.85
9		B 4	P+6	20.10
10		B 5	P+7	22.80
11		B 6	P+5	17.10
12		B 7	SEMBES+P+11	36.0
13		B 8	SEMBES+P+11	36.0
14		B 9	P+10	31.35
15		B 10	B+G+P+15	35
16		C 1	P+10	23.90
17		C 2	P+11	10.05
18		C3	LP+G+2	36.65
19		C 4	L.P+G+7	23.90
20		C 5	L.P+G+2	10.05
21		C 6	LP+PP+11	38.55
22		C 7	LP+PP+11	38.55
23		C 8	P+11	35.55
24		C 9	P+11	36.0
25		C 1 0	M.S + P+11	36.65
26		D1	B1+B2+G+P+15	48.75
27		D2	B1+B2+G+P+15	48.75
28		D3	B1+B2+G+P+P1+14	49.90
29		D4	B1+B2+G+P+15	48.75
30		D5	B1+B2+G+P+15	48.75
31	E1 t	o E4 Commercial	Semi Base /G+6	23.10
23.Number tenants an		Residential = Existing - Proposed - 674 Nos. Total - 1195 Shop - 2821.84 Sq.mt.	521Nos.	
24.Number expected r users		Residential - Existing - 2	2605 Nos. Proposed - 3370 Nos. Tota	l - 5975 Floating – 300
25.Tenant per hectar		240.93		
26.Height building(s)				

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 17	Name: Kare Ami D Signature: Shri. Anil Kale (Chairman SEAC-III)
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27.Right of (Width of t from the no station to t proposed h	he road earest fire the	16M WIDE	6M WIDE ROAD KOTHRUD FIRE STATION						
28.Turning for easy ac fire tender movement around the excluding t for the plan	cess of from all building the width	9M							
29.Existing structure (NA							
30.Details demolition disposal (If applicable)	with f	NA				00			
31.Production Details									
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not app	plicable	Not apj	plicable	Not applicable	Not applicable			
		3	B2.Tota	l Wate	r Requiremen	t			
		Source of	water	PMC					
		Fresh wate	er (CMD):	Existing - 234 Proposed - 304					
		Recycled v Flushing (Existing - 1	.17 Proposed – 152				
		Recycled w Gardening		37					
		Swimming make up (0					
Dry season:		Total Wate Requireme :		493					
		Fire fighti Undergrou tank(CMD	nd water	500					
		Fire fightin Overhead tank(CMD	water	1076 (for a	ll building				
		Excess trea	ated water	151					



		Source of	water	РМС							
		Fresh wate		Existing - 234 Proposed - 304							
		Recycled w Flushing (vater -	Existing – 117 Proposed – 152							
	Recycled water - Gardening (CMD):		0								
		Swimming make up (0							
Wet season: Total Water Requirement (CMD) :		456									
		Fire fightin Undergrou tank(CMD)	nd water	500				0			
		Fire fightin Overhead tank(CMD)	water	1076 (for al	ll building		C	9.			
		Excess trea	ated water	151							
Details of S pool (If any		NA				C					
		3	3.Detail	s of Tota	l water o	consume	d				
Particula rs	Cons	sumption (C	MD)		Loss (CMD)			Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Fresh water requireme nt	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
		Level of th water table		4 m to 7.5 r	n						
		Size and n tank(s) an Quantity:		NA							
		Location o tank(s):	f the RWH	NA							
34.Rain V Harvestir		Quantity o pits:	f recharge	21 no's (Existing 13 + Proposed 8							
(RWH)	ly ly	Size of rec :	harge pits	2M x 2 M							
		Budgetary (Capital co		21.0 IACS							
		Budgetary (O & M cos		0.42 LACS							
		Details of if any :	UGT tanks	NA							



	Natural wa drainage p		South - Waste Corner				
35.Storm water drainage	Quantity o water:	f storm	12.00 m3 / sec				
	Size of SW	D:	450mm Dia.				
	Sewage ge in KLD:	neration	409KLD				
	STP techn	ology:	MBBR technology				
Sewage and	Capacity o (CMD):	f STP	1NO. OF 410 KL				
Waste water	Location & the STP:	area of	AS PER LAYOUT				
	Budgetary (Capital co	allocation ost):	35.0Lacs				0,7
	Budgetary (O & M co	allocation st):	14.0Lacs				
		36.Soli	d waste Mana	gen	ient		
Waste generation in	Waste gen	eration:	37 kg/day				
the Pre Construction and Construction phase:	Disposal o constructi debris:		used within site for leve	ling			
	Dry waste:		Existing - 352 Proposed	- 674			
	Wet waste	•	Existing - 821 Proposed	- 1011	l		
Waste generation	Hazardous	waste:	Nil				
in the operation Phase:	Biomedica applicable	l waste (If):	Nil				
	STP Sludg sludge):	e (Dry	66 kg/day				
	Others if a	ny:	Not any				
	Dry waste:		Through authorised vendor				
	Wet waste		Through Organic waste composting machine				
	Hazardous	waste:	NA				
Mode of Disposal of waste:	Biomedica applicable	l waste (If):	NA				
	STP Sludg sludge):	e (Dry	used as manure within site				
	Others if a	ny:	Not any				
2	Location(s):	As per layout				
Area requirement:	Area for th of waste & material:		130 sq. m				
	Area for m	achinery:	considered in above are	a			
Budgetary allocation	Capital co	st:	36.50Lacs				
(Capital cost and O&M cost): O & M cost:		8.54 lacs					
		37.Ef	fluent Charecter	estic	S		
Serial Number Paran	neters	Unit	Inlet Effluent Charecterestics	01	utlet Effluer arecterestic		Effluent discharge standards (MPCB)
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)			p: 103 Meeting Date: Febi 13, 2020	uary	Page 20 of 170	Sign	e: Kolt Ani) D ature: Acila Anil Kale (Chairman -III)

1	Not ap	plicable	Not applicableNot applicableNot applicable					Not applicable		
Amount of effluent generation (CMD):			Not applica	ble						
Capacity of the ETP:			Not applica	Not applicable						
Amount of t recycled :	reated efflu	ent	Not applica	lble						
Amount of v	vater send t	o the CETP:	Not applica	ble						
Membershij	o of CETP (i	f require):	Not applica	ble						
Note on ETI	P technology	y to be used	Not applica	ble						
Disposal of	the ETP sluc	lge	Not applica	ble						
			38.H a	zardous	Waste I	Details				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
			39.S t	tacks em	ission D	etails				
Serial Number	Section & units			ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Not ap	plicable	Not ap	plicable	Not applicable			Not applicable		
			40.De	tails of F	uel to b	e used	I			
Serial NumberType of FuelExistingProposedTotal				Total						
1		Diesel		Diesel	Y	Diesel		Diesel		
41.Source o	f Fuel		near	by pumps			•			
42.Mode of	Transportat	ion of fuel to	site via ro	bad						
		Total RG a	irea :	5355.66 Sq	. m.					
		No of tree	s to be cut	0						
		:								
43.Gree	n Belt 🖕	be planted		trees to 670						
Develop	ment	List of pro native tree	posed	670						
	Timeline for completion of plantation : Till the completion of project									
	44.Nu	mber and	d list of t	rees spe	cies to b	e plante	d in the	ground		
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity		eristics & ecological importance		
1	Mangife	ra indica	Ma	ngo	3	80	Fruit be	earing evergreen tree		
2	Psidium	guajava	Pe	eru	3	30	Fruit be	earing evergreen tree		
3	Moringa	a oleifera	She	evga	4	Ł0	Fruit be	earing evergreen tree		
4	Muntingia	a calabura	Singapu	ır chery	Ę	50	Fruit be	earing evergreen tree		
5	Ficus be	enjamina	Um	lber	2	25	Fruit be	earing evergreen tree		
		1				1	11			

Joy S. Thakur			Name: Kare Anii D
Thatan			Signature: Dela
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 21	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

6	Terminalia catapa	Badam	2	5	Fruit bearing tree
7	Tamarindus indica	Chinch	2	0	Fruit bearing evergreen tree
8	Ziziphus mauritiana	Bor	3	0	Fruit bearing tree
9	Cocos nucifera	Coconut	4	0	Fruit bearing evergreen tree
10	Syzygium cumini	Jambhul	ambhul 50		Fruit bearing evergreen tree
11	Saraca asoca.	sita ashok	4	0	Flower bearing evergreen tree
12	Lagerstroemia speciosa.	Tamhan	3	5	Deciduos tree
13	Peltophorum pterocarpum	copper pod	3	0	evergreen tree
14	Neolamarckia cadamba	Kadamb	3	5	evergreen tree
15	Polyalthia longifolia	Ashok	2	5	evergreen tree
16	Samania saman	rain tree	5	0	evergreen tree
17	Acrus sapota variety	Chickoo	3	0	Fruit bearing evergreen tree
18	Cassia Fistula	Bhava	3	5	Cassia fistula the golden shower tree is a medium-size tree, full yellow flowers during summer season, Grows in less soil & growing to 10-20 m tall with fast growth, ,larval host for butterflies.
19	Nyctanthes arbortristic			0	Parijatak is a shrub or small flowering tree growing to 10 M tall
20	Michelia champaca	Sonchafa	20		Michelia champaca is a large evergreen and fragrant flower tree
21	Pongamia glabra	Karanj	2	0	Pogamia pinnata is a legume tree that grows to about 15-25 M in height with a large canopy which spreads equally wide.
22	Millingtonia tree	Buch	3	5	The tree grows to height of between 18 and 25 m and has a spread of 7 to 11 m. It reaches maturity between 6 and 8 years of age and lives for up to 40 years. It is a versatile tree which can grow in various soil types and climates with a preference for moist climates; the tree is evergreen and has an elongated pyramidal stem.
23	Bauhinia racemosa	Aapta	3	0	It is a small crooked tree with drooping branches that grows 3–5 m (10–16 FT) tall and flowers between February and May. The leaves are used in the production of beedi, a thin Indian cigarette
45	5.Total quantity of plan	its on ground			
46.Nun	nber and list of sl	nrubs and bushes	s species	to be pl	anted in the podium RG:
Serial Number	Name	C/C Dista	ince		Area m2
1	NA	NA			NA
		47.E	nergy		



		Source of power supply :	MSEDCL					
		During Construction Phase: (Demand Load)	100kVA					
		DG set as Power back-up during construction phase	62.5 KVA					
Pov	107	During Operation phase (Connected load):	Phase 1 – 3058 Phase 2 -4397					
require		During Operation phase (Demand load):	Phase 1 - 1424 Pha	use 2 -2159				
		Transformer:	Phase 1 - 2 X 630 k	VA Phase 2 - 4X 630 kVA				
		DG set as Power back-up during operation phase:	Phase 1 - 1 X 200 F	Phase 2 –11 X 82.5				
		Fuel used:	HSD					
		Details of high tension line passing through the plot if any:	No					
		48.Energy savi	n <mark>g by non-con</mark>	ventional method:				
Lights, for s • Water leve	aving electr el controllers	ical energy. s with timers will be used	l for Water pumps.	ts, Parking & staircase Lights & other common area gy efficient light fittings like CFL, T5 Lamps & LED				
		49.Detail	calculations &	x % of saving:				
Serial Number	E	nergy Conservation Me	easures	Saving %				
1		Solar Energy (PV Pan	els)	0.50%				
2		Auto. Timer Logic Cont	roller	6.10 %				
3		Electronic VVF drive for	r Lifts	1.49 %				
4		Solar Water heater		13.48 %				
		50.Details	of pollution co	ontrol Systems				
Source	Ex	isting pollution contro	l system	Proposed to be installed				
Sewage		Not applicable		STP				
Emission		DG sets with stack		DG sets with stack				
MSW		Sent to PMC		OWC				
Budgetary		Capital cost:	845.29lacs					
(Capital O&M		O & M cost:	19.88lacs/annum					
51	.Enviro	onmental Mar	nagement p	lan Budgetary Allocation				
			-	rith Break-up):				
			tion hugse (w	itil Dicak-up).				



Serial Number	Attributes	Paramo	eter		Total (Cost per ann	um (Rs. In I	Lacs)	
1	AIR ENVIRONMENT	WATER FO SUPPRESSIO Noise mon	ON Air &			1.6	3		
2	WATER ENVIRONMENT	Tanker wa constructio monitor	n water			3.0			
3	LAND ENVIRONMENT	SITE SANI	FATION			6.0			
4	BIOLOGICAL ENVIRONMENT	Landsca	ping			5			
5	SOCIO- ECONOMIC ENVIRONMENT	DISINFECTIO CONTROL facilites H CHECK UP for children protective ec	first aid EALTH Creches Personal		7.75				
	b) Operatio	on Pha	se (wi	th Breal	α-up):			
Serial Number	Component	Descrip	tion	Capi	tal cost Rs Lacs		ational and cost (Rs. in	Maintenance Lacs/yr)	
1	Sewage Treatment Plant	Treatment of	f Sewage		35.0	5	14.0		
2	Rain Water Harvesting	pits			21		0.42		
3	Solid Waste Management	OWO	2		36.50		8.54		
4	Green Belt Development	Landsca	ping		50.15		7.75		
5	Electrical	Energy s	aving		845.29		19.88		
6	Environmental Monitoring	Environm Monitor		(out side lab		10.2	0	
51.S	torage of che				_	osive/ha	zardou	s/toxic	
			subst	ance	es)				
Descri	ption Status	Location	Ca	torage apacity n MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	¹ Source of Supply	Means of transportation	
Not app	licable Not applicable			Not plicable	Not applicable	Not applicabl	e Not applicable	Not applicable	
		52.An	y Othe	r Info	rmation				
No Informa	tion Available								
		53.T	raffic I	Manag	jement				
	Nos. of the to the mai design of confluence	n road & 1	5m wide	DP road					



		ber and area of ment:	6 basement having 5581.41					
	Num podia	ber and area of a:	NA					
	Tota	Parking area:	35,523.78					
	Area	per car:						
	Area	per car:	30					
Parking details:	Whee appro	ber of 2- elers as oved by oetent ority:	Existing - 1,048 Proposed - 1,018					
	Whee appro comp	ber of 4- elers as oved by oetent ority:	Existing - 523 Proposed - 509		00			
	Publi	ic Transport:	VIA BUS					
		h of all Internal s (m):	6M					
		RRZ clearance in, if any:	NA					
	Prote Critic areas areas	nce from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	NA					
	sche	gory as per dule of EIA fication sheet	8(b)					
	Cour if any	t cases pending y	NA					
		r Relevant mations	NA					
	subn Appli	you previously nitted ication online OEF Website.	No					
		of online hission	-					
SEAC	DIS	CUSSION	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	-							
Joy S. Thakur Thatur			o: 103 Meeting Date: February 13, 2020	Page 25 of 170	Name: Kare Amir D Signature: Journam Shri. Anil Kale (Chairman SEAC-III)			

Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
	Brief information of the project by SEAC
Si	C.A.C.H. MARINE

Joy S.Thakur (Secretary SEAC-III)

Joy S. Thakur

SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 26 of 170 Name: Kart Amin D Signature: Amin

Per an summitte approximation of procession measures or a second measure of a second measure of the second seco				54,000			
Industry Import Anamada Amage Amage Amage							
				17,812.23			
Proposed TRUA (or) TRUA (or) approved by Planning Authority til date Circuid converge (or) & %				68,711.51 (36,263.74			
Chroniel coverage (ar) do % Total Project Got (86.)				9727.04 - 18.18 %			
Detade of Building Configuration -							
ISSETTOS BELEDONS Type A Type	Rife A2	Plans 0+1			Height 2.30		
	A2 64	2+5 2+6			17.38		
il Type	45 81	0+1 P+6			7.30 29.95		
	82	2+11 2+5			35.79 17.85		
	84 85	2+6 2+7 2-7			20.10		
	86 87 88	P+5 formi Rase+P+11 formi Rase+P+11			17.54 36.0		
C Tipe	89 61	P+32			31.35		
	ci	LP+0+7 LP+0+2			23.90		
	016C7 G	D+89+11 P+11			28.55 25.55		
PROPOSED BUILLENCS	0	P+11			36.0		
Τρμο Δ.Τρμο	809. Al		Nors 11+02 <0.9+15 2≈0.4+15		Height. 48.75	_	
R Type C Type	61 G		8+0-0*915 9+11 81+82+0*915		61.45		
b Type	CI CII		11+10-19-11 M.S.+ P+11 11+10-40-P+15		3445)
- 1)ge	81 82 10		4 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		e.15		
	04 86		a na sarran na sa Al + 62 eta P + 15 Al + 62 eta P + 15		81.75 0.75	Y	
ë Tjipe CLUB HOUSE	liseld		fani Ban 12+4		2.11		
Assessment of Environmental Dumages -					Post		
Attributes theope of sating on account of entity	namental protection measures				PCost uring cost, day (bs.)	Sia-rec Cost (Br	samp
dar Pullation Histor requirement for quireling (K Cost of 1 tasker of 19 KL is Re. 201				234/	day (Bu)		aps x Cost of tasker x as of tasker/day = 2359x350x0.5=
						(Deduct)	mag 1000 monosons days total No of days, for water sprakling = 000 = 2059
Video Polizion A. Cost of scotor requirement. a). Construction phase b). Operation phase				20.1	instruction phase of labours = 150 uning cost for water consumpt	52	
b). Operations plance				- 14	arring cost for water consumption x rate about water consumption x rate 1.25 m/)day x Ro. 4 /1000		
					n. Bijday 100 rate of deniking water grits	Rador D Constru Ro. 47 aril Rol	u construction = 3000 m at 2 m /m² ann vanes = 80, 213 Lahk
				la o	iperation Phase- of Flats under violation x occup	spancy x 115 lpd x mte sf	
				+ 35 + 35	er 12 x 5 x 135 x 4 /1000 4. 842 /dey		
				Res	le of water gifts. 4) in (doorne l	e PCMC states)	
				a) Co ediar	instruction Place Sewage- mage generation x rate of treat	udment =10.325 m/yky x	
					loc,m")day 1. 101 Zijilay		
					iperataan Phase- 10 miljilay x Rs 20 Rs./m [*])day		
8. Cost of sensage treatment, muse it	6 depend-		×	- 24	s. 1900.)day		
a). Construction phases			•	Nii			
				NE			
C. Quantity of scatter pumped out during excention and a longe cam							
cost of Ro. 50 per cum for such smarthestand water extinction and merced							
D. Cost of Construction & Maintenar	nere el incluege soli						
Sull Entroument In case of demolition has carried out In case there is same hazardoos was	at, the cost of densition wavele management plan needs to be discussed and finalized as non-re- sult like addresses or the site is included as industrial area where have densities or wavele wa		nde sol analysis, water analysis, MPCR consent copus, manifest of HW I any). This requires critical summation from SPCR	NE NE		822 522	
	next les admitses ou the site à location au industrial avec biene hauseners theme or a work was annoted met la la considered. (Less (all), digits (a li q. Civit) yieu-bie out per las (Met) di vibratos, the cost of heritandes around the popert cor Weakit he considered (perpender set)			Ni		2,50,00	0 ricading = 105 m x Rc 100 per running mtr = Bc 30500
Thinston Closes Belt Do close of any tree cutting actions if	A valuation, the cost of horizonder around the popert car brand be someheed (perpector pay EC cost of No. 1007 (Spin Tases agant from any statistical police for each the costing of any,			No Nil		82	
Cost of planting & summaring trees Cost of compensatory tree plantator	n (Sander of Benne yer far berene) a i Sandfor und berein					Trues pl	d - 109 trees lanted -309 julantation 5.55 kalih
						Cost of p	
RECORD Class of workers heards to be sound	dered in speer of hilding and Olive Construction Workers Weillars Crest Act, 1996					The Woo	ther welline Cess is yield to the Anthorty during sourcions as per the directions of PMC 00
 cost of health checking of southers a. cost of softey measures including 1995a 				Dui Ni		15,00,0	80
Tatal Cost						68.06 L	aa
Calculation of Cost of Remediation Plan and Natural & Community Resource	ir Augmentation Plan-	handa					Annext Sa Lakh Bu)
A Assessment of Environment Enmages							
t Tatal of Becaring Cost		Cost served from above table per day X number of days in visintam. Construction plane					15.27 Laia
		1 Water Consumptions = 3259 v; ES = 1. 26 Lakh 1 Senage = 3259 3151 25 = 3.3 Lakh Completion contribute was obtained on 29.3 2011. hence as of days of operation = 2572					
		Operational Plane					
		1. Ware Consumption = 8.02 x 2012 = 21.46 lakh 1. Simage = 1989 x 2012 = 60.86 lakh					
2 Non-excurring cost fails focal (1+2 above)		Cost is antived from above table Shilpert to minimum Ro. 1 correct					NUM LAA
8 Biomannic benefits accured due to Yielation							
1 Promonic benefits 2 Prack Researd of Project proposent		1% of State Propert cost including hand, as declared by PP helices SEAC, subject to maximum Rs. 10 CZ incremental cost of Fo. 19 lakhe for each EC colution by PP observed at any other projects in lost 3 years.	N.				tiano Lala. Ni
C Cost of resolution plan and natural & community resource as	nganestation plan	tum of A and it above or amount equivalent to the CER amount as per the MOEFACC's office Measura	daa No F 30 22 46(2017 44:0) dated 81(8)(2018, wiladeweer is lagber.				Farm of A and B= 217 Lala. CBR Cost (J 5h Project Cost 153 Cc) = 228.5 Lala.
							Therefore 2015 Likk
						1	
Joys	Thakur	a na				Nar	ne: Kare Amin D
A. tre	on						
· · ·						Sig	nature: Joulan
Joy S.Thakur (Secretary	SEAC Meeting No:	103 Meeting Date: Febru	ary Pag	ge 27	Shri.	Anil Kale (Chairman
SEAC-III)			13, 2020	0	f 170	SEAC	J-111)

DECISION OF SEAC

During discussion following points emerged:

Shike

1. PP to submit sewer NOC.

2. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 2.97 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 2.295 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 2.97 Cr for the project completion period.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Joy S. Thakur
(Secretary
SEAC-III)SEAC Meeting No: 103 Meeting Date: February
13, 2020Page 28
of 170Name: Kale Ami D
Signature: Do
Signature: D

103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for proposed construction project by M/s Vinayak Enterprises

Is a Violation Case: No

Is a Violation Case: No						
1.Name of Project	"Eastern River Residency"					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Kishor Shankar Garve					
4.Name of Consultant	M/s JV Analytical Services					
5.Type of project	Residential & Commercial					
6.New project/expansion in existing project/modernization/diversification in existing project	New Project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA					
8.Location of the project	S. No 90/1, Kashid Park,					
9.Taluka	Haveli					
10.Village	Pimple Gurav					
Correspondence Name:	Mr. Vinayak Garve					
Room Number:						
Floor:						
Building Name:	-					
Road/Street Name:	S.No. 136/1A, Mumbai Bangalore Highway					
Locality:	Opp Sayaji Hotel, Wakad					
City:	Pune					
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation					
	In process					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: -					
	Approved Built-up Area: 42826.93					
13.Note on the initiated work (If applicable)	NA					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Applicable-2013.59m2					
15.Total Plot Area (sq. m.)	41291.60m2					
16.Deductions	2453.29m2					
17.Net Plot area	8838.31m2					
	a) FSI area (sq. m.): 25369.65m2					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 17457.28m2					
	c) Total BUA area (sq. m.): 42826.93					
	Approved FSI area (sq. m.): 25369.65m2					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 17457.28m2					
	Date of Approval: 05-04-2019					
19.Total ground coverage (m2)	2269.16m2					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.09% of total plot area (11291.60m2) , 25.67% of net plot area (8838.31m2)					
21.Estimated cost of the project	579900000					
22.Num	ber of buildings & its configuration					

22.Number of buildings & its configuration

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 29	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Buildin	ıg Name & ı	number N	umber of floors	Height of the building (Mtrs)			
1		Building- A		P+10	31.90 m			
2	Buildi	ng- B (Comm	ercial)	P+8	26.10 m			
3		Building- C		P+12	37.70 m			
4		Building- D		P+12	37.70 m			
5		Building- E		P+12	37.70 m			
6		Building- F		P+12	37.70 m			
7	Buile	ding- G (MHA	ADA)	P+12	37.70 m			
23.Number of tenants and shopsTotal Tenements- 441Nos, Offices= 19 Nos. (Resi= 394 Nos., MHADA= 47Nos.)								
24.Number expected r users		nercial Users- 215 Nos. Total Users:						
25.Tenant density per hectare 391/H								
	26.Height of the building(s)							
27.Right of way (Width of the road from the nearest fire station to the proposed building(s) 18m & 45m wide road								
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation								
29.Existing structure (Existing hot	el on site.					
30.Details demolition disposal (I applicable)	i with f	Existing hot	à debris will be used for la	andfilling				
		C	31.Produc	tion Details				
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)			
1	N	A	NA	NA	NA			
	32.Total Water Requirement							



	Source of water	PCMC							
	Fresh water (CMD):	317.34m3/da	ay (One time)						
	Recycled water - Flushing (CMD):	104.59m3/day							
	Recycled water - Gardening (CMD):	10.00m3/day	7						
	Swimming pool make up (Cum):	NA							
Dry season: Requirement (CMD) : 202.75m3/day									
	Fire fighting - Underground water tank(CMD):300.00m3								
	Fire fighting - Overhead water tank(CMD):	140.00m3			0	9.5			
	Excess treated water	162.00m3/da	ау						
	Source of water	PCMC							
	Fresh water (CMD):	307.34 m3/d	ay (One time)						
	Recycled water - Flushing (CMD):	104.59m3/day							
	Recycled water - Gardening (CMD):	0.00m3/day							
	Swimming pool make up (Cum):	NA							
Wet season:	Total Water Requirement (CMD) :	202.75m3/da	ay						
	Fire fighting - Underground water tank(CMD):	300.00m3							
	Fire fighting - Overhead water tank(CMD):	140.00m3							
	Excess treated water	172.00m3/day							
Details of Swimming pool (If any)	NA								
	33.Detai	ls of Total	water co	nsume	d				
Particula rs Cons	sumption (CMD)	I	oss (CMD)		Efi	fluent (CMD)			
Water Require ment Existing	Proposed Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic NA	NA NA	NA	NA	NA	NA	NA	NA		
					1				

	Level of the Ground water table:	Level of the Ground water table: Summer Season – 14.00 m. to 21.67 m. BGL. (17.84 M. Average), Rainy Season – 6.33 m. to 10.00 BGL. (8.17 M. Average), Winter Season – 10.17 m. to 15.84 m. BGL. (13.01 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:	5 Nos.				
(RWH)	Size of recharge pits :	2.25 m. X 2.25 m. X 1.75 m. Depth with 45 to 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Depth.				
	Budgetary allocation (Capital cost) :	Rs. 6.25 Lakh				
	Budgetary allocation (O & M cost) :	Rs. 0.30 Lakh/Year				
	Details of UGT tanks if any :	Domestic UG tank Capacity: 305.00 m3 Flushing UG tank Capacity: 99.00 m3 Fire UG tank Capacity: 300.00 m3				
	Natural water drainage pattern:	-				
35.Storm water drainage	Quantity of storm water:	5,965.23 m3 / Year i.e. 119.30 m3 / Day, considering 849.30 mm. annual rain fall in 50 days averagely.				
	Size of SWD:	450 mm				
	Sewage generation in KLD:	276.59 m3/day				
	STP technology:	MBBR				
Sewage and	Capacity of STP (CMD):	STP=290m3/day				
Waste water	Location & area of the STP:	STP= 117.12m2				
	Budgetary allocation (Capital cost):	STP = Rs. 81.00 Lakh				
	Budgetary allocation (0 & M cost):	n STP = Rs. 14.64 Lakh / Year				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	50 Kg/day				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Use for Levelling				
	Dry waste:	473 Kg/Day				
	Wet waste:	684 Kg/Day				
Weste mensel	Hazardous waste:	NA				
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA				
1 11000	STP Sludge (Dry sludge):	43.11 Kg/Day				
	Others if any:	NA				
Joys. Thakun		Name: Kart Ani) D				

Joy S. Thakur			Name: Kare Anii D
Thatan			Signature: Ach-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 32	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

		Dry wa	aste:		Authorized	Vendo	r					
		Wet waste:			Organic Wa	Organic Waste Convertor						
		Hazardous waste:			NA	NA						
of waste: ap		Biomedical waste (If applicable):		f _{NA}								
			STP Sludge (Dry sludge):		Used as ma	anure a	fter tr	reatme	nt in (OWC		
		Other	's if a	ny:	NA							
		Locati	ion(s):	-							
Alea of was			Area for the storage of waste & other naterial:			OWC= 49.50m2						
		Area f	for m	achinery:	Included in	other	mater	ial are	a			
Budgetary		Capita	al cos	st:	Rs. 17.19 L	akh						0
(Capital cost): O&M cost):		0 & M	1 cos	t:	Rs. 9.02 La	kh/Yea	r				0	
				37.E	Effluent C	hare	cter	estic	s			
Serial Number	Paran	neters		Unit	Inlet H Charec					Efflue eresti	r	Effluent discharge standards (MPCB)
1	N	NA NA			1	JA			N	IA		NA
Amount of e (CMD):	ffluent gene	eration		NA	•							
Capacity of t	the ETP:			NA								
Amount of treated effluent NA												
Amount of w	vater send to	o the CI	ETP:	NA								
Membership	o of CETP (if	frequire	e):	NA								
Note on ETF			used	NA								
Disposal of t	the ETP sluc	lge		NA								
				38. H	lazardous	Was	ste D	etai	s			
Serial Number	Descr	iption		Cat	UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1	N	A		NA	NA						NA	
)	39.9	Stacks em	issio	n Do	etail	5			
Serial Number	Section	& unit	ts		J sed with antity	Stack I		from diar			rnal leter n)	Temp. of Exhaust Gases
1	160 KVA- 1	lNo. (Re	esi)	HSD-	30 Lit/Hr	S	-1	5.2	22	To be provided		To be provided
2		A- 1No. ADA)		HSD-	3.3 Lit/Hr	S	-2	2.	4	To prov		To be provided
3	15 KVA- 1N	Jo. (Con	nm)	HSD-	3.3 Lit/Hr	S	-3	2.	4	To prov		To be provided
				40.D	etails of l	Fuel	to be	e use	d			
Serial Number	Тур	e of Fu	uel		Existing			Prop	osed		Total	
1	HSD				NA		36		hr @75% 36.6		36.	6 lit/hr @75% Loading
Joy S.Thaku SEAC-III)	alow		SEA(C Meeting i	No: 103 Meeti 13, 2020	ng Data	e: Febi	ruary		ge 33 f 170	Sigr	ne: Kale (Chairman Anil Kale (Chairman

41.Source of Fuel Bharat Petroleum						m Corporation Limited/ Hindustan Petroleum						
42.Mode of	Transportat	ion of fuel to	site E	By Roadway								
		Total RG an	rea : 985.00 m		985.00 m2							
43.Green Belt Development		No of trees to be		cut	-							
		Number of be planted		to	135 Nos.							
		List of prop native trees			135 Nos.							
		Timeline for completion of plantation :			Mid of Cons	struction						
	44.Number and list of trees species to be planted in the ground											
Serial Number	Name of	the plant	Con	nmo	n Name	Quantity	Characteristics & ecological importance					
1	Saraca indica		5	Sita A	Ashok	9	Fragrant flowers or leaves attracts birds/butterflies/bees, deep green, shiny foliage.					
2	Syzygium cumini		Jamun		ıun	3	Tall evergreen tree with fruit bearing.					
3	Artocarpus heterophyllus		Jackfruit		fruit	3	Tall evergreen tree with fruit bearing.					
4	Pongamia glabra		Indian Beech		Beech	5	Good medicinal use.					
5	Neolamarkia cadamba		Kadamba		mba	3	Fruit bearing tree attracts birds.					
6	Bauhinia purpurea		Rakta Kanchan		lanchan	8	Fragrant flowers or leaves plant for pooja, evergreen tree.					
7	Mimusops elengi		Bakul		kul	3	Shady tree, small white fragrant flower.					
8	Plumeria alba		Champa		mpa	22	Evergreen tree with fragrant flowers.					
9	Kailashpati	couroupita			shpati	3	Evergreen tree with fruit bearing.					
10	Poltalthia	longifolia	Ashok		nok	3	Ornamental tree.					
11	Bomba	ax seiba Cott		Cottor	n Tree	2	Shady tree, small white fragrant flower.					
12	Khaya	grandis khaya		aya	6	Evergreen tree.						
13	Azadirachta indica		rachta indica Neem		em	3	Plant for pooja/evergreen fragrant flowers or leaves quick growing/insect repellent.					
14	Mangifera indica		Mango		ngo	3	Tall evergreen tree with fruit bearing.					
15	Butea monosperma			Palas		6	Fragrant flowers or leaves flowers covering the entire crown plant for pooja.					
16	Albizia lebbeck			Shirish		10	Fragrant flowers or leaves attracts birds/butterflies/bees. Drought tolerant.					
17	Caryota	a urens	Fis	shtail	l Palms	5	Tall evergreen tree.					
18		stromia egina		Jar	rul	3	Creates shade, Attracts birds/ butterflies/ bees. Good for screening.					

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 34	Name: Kare Ani) D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)						
---	---	---------	---						
	Nycta	anthes							
--	--	---	---	------------------	---	-------------------------	---	--	--
19	19 arbortristis		P	arijat		7	Small flowering tree.		
20	Michellia champaka So		Sor	Son chapa		6	Flower butterfly, host plant, medium size evergreen tree, fragrant yellow.		
21	Putranjiva	ı roxburghi	Put	ranjiva		5	Evergreen tree with medicinal use		
22	Cassia	fistula	Golde	n Shower		6	Auspicious, attracts birds/bees/butterflies hanging or weeping growth.		
23	Areca	catechu	Supa	ri Palms	1	.1	Ornamental nutty tree.		
45	.Total qua	ntity of plan	ts on gro	und					
46.Num	ber and	list of sh	rubs a	nd bushes	species	to be p	planted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1		-		-					
				47.Eı	nergy				
		Source of p supply :	ower	MSEDCL					
		During Construction Phase: (Demand Load)		1 30 KW	30 KW				
		DG set as Power back-up during construction phase		40 KVA - 1	40 KVA - 1 No				
D		During Operation phase (Connected load):		1903 KW	1903 KW				
Pov require	-	During Operation phase (Demand load):		1113 KW	1113 KW				
		Transform	er:	2 Nos x 630	2 Nos x 630 KVA				
		DG set as Power back-up during operation phase:			1) 160 KVA-01 no.(Resi), 2) 15 KVA- 01 no.(Comm), 3) 15 KVA- 01 no.(MHADA)				
		Fuel used:		HSD					
Details of high tension line passing through the plot if any:			NA	NA					
		48.Ene	rgy sav	ing by no	n-convei	ntional	method:		
1.Generally 2.Electronic general ligh	we have pro Ballasts an ting with au	d Energy effi itomatic time	efficiency t cient lamp based cor	ntrol to save po	triposphere wer by swit	e or LED an ching ON	sses. re proposed for common area & & OFF the lights at appropriate time. Ig above measures.		
		49).Detai	l calculati	ons & %	of savi	ng:		
Serial Number	E	energy Conse	ervation N	leasures			Saving %		
1]	Fotal of all Sa	vings for (per year)			20%		
		50.	Details	of pollut	ion cont	rol Svst	tems		

Joy S. Thakur Joy S. Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 35 of 170 Signature: Journan SEAC-III)

Source	Existing pollution control system					Proposed to be installed			
Air			-		Green belt will be provided.				
Water	-					STP will be installed & excess treated water used for flushing & gardening.			
Noise			-			Traffic manageme	ng will be done in once a fortnight. ent plan to be prepared. Acoustically set will be brought & installed.		
Solid Waste			-			used as manure	e treated in OWC. STP sludge will be after treatment in OWC dry waste given to authorized vendor.		
	allocation	Capital co	st:	Rs.53.00La	kh				
	cost and cost):	O & M cos	t:	Rs. 1.06 La	kh/Yea	r			
51	.Envire	onment	tal Mar	nageme	nt]	plan Budg	etary Allocation		
		a)	Constru	ction pha	se (with Break-u	p):		
Serial Number	Attri	butes	Para	neter		Total Cost p	eer annum (Rs. In Lacs)		
1	Air Envi	ronment	Suppress	for Dust sion, Air& onitoring		0.50 Lakh/Year			
2	Water En	vironment	Construct	Water for ion, Water toring		0.50 Lakh/Year			
3	Land Env	vironment		tion- Mobile lets		0	.50 Lakh/Year		
4	Socio E	conomic	Control, Facilitie Check Up, Children children,	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches for Children, Food for children, Personal Protective Equipment		1.00 Lakh/Year			
		b) Operat	ion Phas	e (w	ith 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		Treatment ant	R	s. 81.00 Lakh	Rs. 14.64 Lakh/Year		
2	RV	VH	Rainwater	Harvesting	I	Rs. 6.25 Lakh	Rs. 0.30 Lakh/Year		
3	MSW	(OWC)		c Waste verter	R	s. 17.19 Lakh	Rs. 9.02 Lakh/Year		
4	Energy	System		-	R	s. 53.00 Lakh	Rs. 1.06 Lakh/Year		
5	Lands	caping		-	F	as.10.00 Lakh	Rs. 1.20 Lakh/Year		
6	Safety Equipments -		-	F	Rs. 10.00Lakh	Rs. 2.00 Lakh/Year			
7	Post EC N	Ionitoring		-		-	Rs. 2.50 Lakh/Year		
8		Waste gement		-		-	Rs. 2.64 Lakh/Year		
51.S	torage	of che	micals	(inflan substa		-	/e/hazardous/toxic		



SEAC Meeting No: 103 Meeting Date: February 13, 2020	Po

Description	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	
NA	NA	NA		NA	NA	NA	NA	NA	
		52. A	ny Ot	her Info	rmation	l			
No Information Availab	le								
		53.	Traffi	c Manag	gement				
			-				0	3	
	Number basemer	and area of nt:	-				3		
	podia:	and area of	-			0	9		
	Total Parking area:		11532.						
	Area per car:		44.18m						
	Area per car: Number of 2-		44.18m	12					
Parking details:	Wheelers as approved by competent authority:		1016 Nos.						
	Number Wheeler approve compete authorit	s as d by ent	261 No	s.					
	Public T	ransport:	NA						
	Width of all Internal roads (m):		6.00 m & 7.50 m						
	obtain, i	-	NA						
C	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		NA						
	Category as per schedule of EIA Notification sheet								
	Court ca if any	ses pending	No						
	Other Re Informa	tions	-						
	submitte Applicat	u previously ed ion online F Website.	No						

Joys. Thakur			Name: Kart Amin D
Thaten			Signature: Ach
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 37	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

	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	-	03.
Energy Management	-	
Traffic circulation system and risk assessment	-	
Landscape Plan	-	
Disaster management system and risk assessment	-	
Socioeconomic impact assessment	-	
Environmental Management Plan	-	
Any other issues related to environmental sustainability	-	
	Brief informa	ation of the project by SEAC





PP had submitted application for prior Environm	nental clearance stating following details:	
Total Plot Area (m ²)	11291.60 m ²	
Deductions (m ²)	2453.29 m ²	
Net Plot area (m²)	8838.31 m ²	
Proposed FSI area (m ²)	25369.65 m ²	
Proposed Non-FSI area (m²)	17457.28 m ²	
Proposed TBUA (m ²)	42826.93 m ²	0
TBUA (m²) approved by Planning Authority till date	42826.93 m ²	33
Ground coverage (m²) & %	(FSI area: 25369.65 m ² +Non-FSI area: 174 2269.16 m ²	57.28 m·)
	20.09% of total plot area (11291.60 m ²) 25.67% of net plot area (8838.31m ²)	
Total Project Cost (Rs.)	Rs. 579900000	
Proposed Configuration		
Building Name	Configuration	Height(m)
Building- A	Parking+10F	31.90 m
Building- B (Commercial)	Parking+8F	26.10 m
Building- C	Parking+12F	37.70 m
Building- D	Parkign+12F	37.70 m
Building- E	Parking+12F	37.70 m
Building- F	Parking+12F	37.70 m
Building- G (MHADA)	Parking+12F	37.70 m

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

Joy S. Thakur Joy S. Thakur Joy S.Thakur	SEAC Meeting No: 103 Meeting Date: February		Name: Kare Amin D Signature:
SEAC-III)	13, 2020	of 170	SEAC-III)

DECISION OF SEAC

PP has satisfactorily complied with the points raised in 89th meeting of SEAC-3.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

. Thakur AmilD JOYS Name: Kare Signature: Shri. Anil Kale (Chairman Joy S.Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February Page 40 SEAC-III) SEAC-III) 13, 2020 of 170

103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for for Proposed Commercial project at Survey No. - 30 Part, At :- Vadgaonsheri, Tal :- Haveli , Dist:- Pune by Nisarga developers

Haven , Dist:- Pune by Nisarga deve	10he12				
Is a Violation Case: No					
1.Name of Project	for Proposed Commercial project at Survey No 30 Part, At :- Vadgaonsheri, Tal :- Haveli , Dist: Pune by Nisarga developers				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Sunil Dhore, Nisarga developers				
4.Name of Consultant	Vke environmental LLP				
5.Type of project	Commercial project				
6.New project/expansion in existing project/modernization/diversification in existing project	New project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable				
8.Location of the project	Survey No 30 Part, At: - Vadgaonsheri, Tal: - Haveli, Dist.:- Pune.				
9.Taluka	Haveli				
10.Village	Vadgaonsheri				
Correspondence Name:	Mr. Sunil Dhore, Nisarga developers				
Room Number:	NA				
Floor:	NA				
Building Name:	Sapana Copiers				
Road/Street Name:	Station road				
Locality:	Wadgaon maval				
City:	Pune				
11.Whether in Corporation / Municipal / other area	РМС				
12.IOD/IOA/Concession/Plan Approval Number	Under process IOD/IOA/Concession/Plan Approval Number: Under process				
	Approved Built-up Area:				
13.Note on the initiated work (If applicable)	No work initiated on site.				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	5900 sqm				
16.Deductions	719.16 sqm				
17.Net Plot area	5180.84 sqm				
	a) FSI area (sq. m.): 20646.80				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 7565.74				
	c) Total BUA area (sq. m.): 28212.54				
	Approved FSI area (sq. m.):				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):				
2 OK	Date of Approval: 09-05-2019				
19.Total ground coverage (m2)	2098 sqm				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	40.49%				
to sity)					

22.Number of buildings & its configuration

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 41	Name: Kart Ami D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Buildin	ng Name &	Name & numberNumber of floorsHeight of the building			eight of the building (Mtrs)			
1	1 Coi	mmercial bu	mercial building G+P1+P2+12 53.75						
23.Number tenants an		No. of offic	es :12						
24.Number expected re users		Commercial population 2014							
25.Tenant per hectar		Not applica	able as it is a	commercial	project, only floati	ng populat	ion will be there.		
26.Height building(s)									
27.Right of (Width of t from the n station to t proposed b	che road earest fire che	Project is a Km	ccessible fro	m 30 m wide	DP road. Nearest	fire station	n is Yerawada fire station : 3.00		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation					ning radius will be	provided	S ²		
29.Existing structure (Old small s	tructure is p	resent which	will be demolished	d.			
30.Details demolition disposal (I applicable)	with f	Debris generated will be segregated and used for site leveling and road leveling.							
			31.P	roduct	ion Detail	S			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/	/M)	Total (MT/M)		
1	Not app	plicable	Not app	plicable Not applicable			Not applicable		
			32.Tota	l Wate	r Require n	nent			
		Source of	water	PMC					
		Fresh wat	er (CMD):	51					
		Recycled v Flushing (40					
	\sim	Recycled v Gardening		5					
	2	Swimming make up (0					
Dry season	:	Total Wat Requirem :	er ent (CMD)	96					
		Undergrou	Fire fighting - Underground water tank(CMD):		200				
		Fire fighting - Overhead water tank(CMD):		25					
		Excess tre	ated water	28					
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III) SEAC Meeting No				o: 103 Meetir 13, 2020	ng Date: February	Page 4. of 17			

		Source of	water	PMC						
		Fresh water (CMD):		51						
		Recycled w Flushing (40						
		Recycled w Gardening		0						
		Swimming make up (0						
Wet seaso	n:	Total Wate Requireme :		91						
		Fire fightin Undergrou tank(CMD)	nd water	200				0		
		Fire fightin Overhead tank(CMD)	water	25			0	9		
		Excess trea	ated water	33						
Details of an pool (If an		NA				C				
		3	3.Detail	s of Tota	l water o	consume	d			
Particula rs	Cons	sumption (C	EMD)	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	
								•		
		Level of th water table		Summer Season – 18.00 m. to 22.50 m. BGL. (20.25 M. Average) Rainy Season – 5.00 m. to 11.50 BGL. (8.25 M. Average) Winter Season – 11.50 m. to 17.00 m. BGL. (14.25 M. Average)						
		Size and n tank(s) an Quantity:		NA						
		Location o tank(s):	f the RWH	NA						
34.Rain V Harvestin		Quantity o pits:	f recharge	3 recharge	pits are prop	posed				
(RWH)	c V	Size of rec :	harge pits	2.25 M. X 2.25 M. X 1.50 M.						
	2	Budgetary (Capital co		3,75,000						
		Budgetary (O & M cos		20,000						
		Details of if any :	UGT tanks	Total UGT	capacity 300	kld				



35.Storm water	Natural water drainage pattern:	Natural water drainage pattern: The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits
drainage	Quantity of storm water:	56.90 m3 / Day
	Size of SWD:	400 mm
	•	
	Sewage generation in KLD:	73
	STP technology:	MBBR
Sewage and	Capacity of STP (CMD):	1 STP of 80 KLD
Waste water	Location & area of the STP:	On ground Area: Approx. 60.00sq m
	Budgetary allocation (Capital cost):	32,50,000
	Budgetary allocation (O & M cost):	7,81,800
	36.Soli	d waste Management
Waste generation in the Pre Construction	Waste generation:	Total waste generated: 20 Kg/day Dry Waste = 12 kg/day , Wet Waste = 8kg / day
and Construction phase:	Disposal of the construction waste debris:	The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling
	Dry waste:	302 kg/day
	Wet waste:	201 kg/day
Waste generation	Hazardous waste:	NA
in the operation Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	11.5 kg/dy
	Others if any:	E waste : 5.5 kg/day
	Dry waste:	Will be Handed over to authorized Vendor
	Wet waste:	Wet waste will be treated in Organic Waste Convertor
	Hazardous waste:	NA
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA
C V	STP Sludge (Dry sludge):	Dried sludge from STP will be used as manure
	Others if any:	e waste will be handover to authorized e waste Vendor
	Location(s):	On Ground
Area requirement:	Area for the storage of waste & other material:	Total area 36 sqm
	Area for machinery:	Total area 36 sqm
Budgetary allocation	Capital cost:	11.25 lacs
(Capital cost and O&M cost):	O & M cost:	2.53 lacs
	37.Ef	fluent Charecterestics

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 44	Name: Kare Apir D Signature: Shri. Anil Kale (Chairman SEAC-III)
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Paran	neters	Unit	Unit Inlet Effluent Charecterestics		Outlet Effluent Charecterestics		Effluent discharge standards (MPCB)	
Not app	plicable	Not applicable	Not applicable Not		Not ap	plicable	Not applicable	
ffluent gene	ration	Not applic	able					
he ETP:		Not applic	able					
eated efflue	ent	Not applic	able					
ater send to	o the CETP:	Not applic	able					
of CETP (if	require):	Not applic	able					
he ETP slud	lge	Not applic	able					
		38.H	azardous	Was	te D	etails		
Descr	iption	Cat	UOM	Exis	ting	Proposed	Total	Method of Disposal
Not app	olicable	Not applicable	Not applicable	- • •		Not applicable	Not applicable	Not applicable
		39.S	tacks em	issio	n De	etails	5	
Section	& units			Stack	۲NO.	Height from ground level (m)		Tomn of Evhaust
Not app	olicable	Not ar	plicable			Not applicable	Not applicable	Not applicable
		40.De	etails of F	uel	to be	e used		
Тур	e of Fuel		Existing	<u>}</u>		Proposed		Total
Not	applicable		Not applicable Not applicable Not applicable				Not applicable	
Fuel		Not applicable						
Fransportati	ion of fuel to	site Not	applicable					
			-					
	Total RG a	rea :	Required of	pen spa	ace: 5	19 sqm		
	No of trees	s to be cut	Few trees e	exists o	n site			
nent								
Timeline for completion of plantation :				n of Till operation phase				
44.Nur	nber and	l list of	trees spe	cies	to b	e plante	d in the	ground
Name of	the plant	Comme	on Name		Qua	Charact		teristics & ecological importance
		Kao	lamb		1	5	Good for	roadside plantation and provide shade
Cassia	fistula	Ba	hava	11 Have me			edicinal properties and l host for butterflies	
	Not app ffluent gener che ETP: reated efflue dof CETP (iff rechnology he ETP sluce Descr Not app Section Not app Section Typ Not Fruel Transportat: Anthoce cada	reated effluent ater send to the CETP: of CETP (if require): technology to be used he ETP sludge Description Not applicable Section & units Not applicable Not applicable Type of Fuel Not applicable Fuel Transportation of fuel to Not of trees Not of trees Not applicable Timeline f Completion Particul Parti	Not applicable Not applicable filuent generation Not applic filuent generation Not applic iche ETP: Not applic reated effluent Not applic of CETP (if require): Not applic of CETP (if require): Not applic of CETP (if require): Not applic ite chnology to be used No	Parameters Unit Charect Not applicable Not applicable Not applicable ffluent generation Not applicable Not applicable the ETP: Not applicable Not applicable reated effluent Not applicable Not applicable of CETP (if require): Not applicable Not applicable of CETP (if require): Not applicable Not applicable technology to be used Not applicable Not applicable he ETP sluce Not applicable Not applicable Not applicable Not applicable applicable Not applicable Not applicable Not applicable Section of fuel to site Not applicable Not applicable Fuel Total RG area : Required op No of treees to be planted : Not <td< td=""><td>Parameters Unit Charecteresti Not applicable Not applicable Not applicable ffluent generation Not applicable Not applicable ihe ETP: Not applicable Not applicable reated effluent Not applicable Not applicable atter send to the CETP: Not applicable Image: State send to the CETP: of CETP (if require): Not applicable Not applicable ite chanology to be used Not applicable Image: State send to the CETP: ite chanology to be used Not applicable Not applicable he ETP sludge Not applicable Not applicable Image: State send to the CETP: Not applicable Not applicable Not applicable Image: State send to the CETP: Not applicable Image: State send to the CETP: Image: State send to the cetter send to the c</td><td>Parameters Unit Charecterestics Not applicable Not applicable Not applicable ffluent generation Not applicable Not applicable the ETP: Not applicable Interplicable eated effluent Not applicable Interplicable ater send to the CETP: Not applicable Interplicable of CETP (if require): Not applicable Interplicable Not applicable Not applicable Interplicable technology to be used Not applicable Interplicable he ETP sludge Not applicable Interplicable Not applicable Not applicable Interplicable Anth applicable Not applicable Interplicable Not applicable Not applicable Interplicable Section & units Fuel Used with Quantity Stack No. Not applicable Not applicable Not applicable Type of Fuel Kaisting Not applicable Not applicable Terplicable Not applicable Not applicable Not applicable Type of Fuel Not applicable Not applicable Not applicable</td><td>Parameters Unit Charecterestics Charecterestics Not applicable Not applicable Not applicable Not applicable ffluent generation Not applicable Not applicable Not applicable the ETP: Not applicable Not applicable Image: State St</td><td>ParametersUnitCharecteresticsCharecteresticsNot applicableNot applicableNot applicableNot applicableHuent generationNot applicableNot applicableNot applicablethe ETP:Not applicableNot applicableater send to the CETP:Not applicableIterationtechnology to be usedNot applicableNot applicabletechnology to be usedNot applicableIterationhe ETP sludgeNot applicableIterationtechnology to be usedNot applicableNot applicablehe ETP sludgeNot applicableNot applicablehe applicableNot applicableNot applicablehe applicableNot applicableNot applicablehe applicableNot applicableNot applicablenot applicableNot applicableNot applicablesection & unitsFuel Used with QuantityNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicabletransportation of fuel to siteNot 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Charecterestics Not applicable Not applicable Not applicable ffluent generation Not applicable Not applicable the ETP: Not applicable Interplicable eated effluent Not applicable Interplicable ater send to the CETP: Not applicable Interplicable of CETP (if require): Not applicable Interplicable Not applicable Not applicable Interplicable technology to be used Not applicable Interplicable he ETP sludge Not applicable Interplicable Not applicable Not applicable Interplicable Anth applicable Not applicable Interplicable Not applicable Not applicable Interplicable Section & units Fuel Used with Quantity Stack No. Not applicable Not applicable Not applicable Type of Fuel Kaisting Not applicable Not applicable Terplicable Not applicable Not applicable Not applicable Type of Fuel Not applicable Not applicable Not applicable	Parameters Unit Charecterestics Charecterestics Not applicable Not applicable Not applicable Not applicable ffluent generation Not applicable Not applicable Not applicable the ETP: Not applicable Not applicable Image: State St	ParametersUnitCharecteresticsCharecteresticsNot applicableNot applicableNot applicableNot applicableHuent generationNot applicableNot applicableNot applicablethe ETP:Not applicableNot applicableater send to the CETP:Not applicableIterationtechnology to be usedNot applicableNot applicabletechnology to be usedNot applicableIterationhe ETP sludgeNot applicableIterationtechnology to be usedNot applicableNot applicablehe ETP sludgeNot applicableNot applicablehe applicableNot applicableNot applicablehe applicableNot applicableNot applicablehe applicableNot applicableNot applicablenot applicableNot applicableNot applicablesection & unitsFuel Used with QuantityNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicabletransportation of fuel to siteNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicablefuel effNot applicableNot applicabletareation of fuel to siteNot applicableNot applicableNot applicableNot applicableNot applicablefuel effNot applicabletareat

3		Lagestremia flos regineae Tamb		ıhan	1	0	Good as a avenue tree, good for group planting around water gardens and ponds.	
4	Azadiracl	chta Indica Nee		em	em 14		Good for restoration of dryer parts, good for air purifier and have medicinal properties	
5	Albizia	lebeck	Sh	iris	1	0	Quick growing and hardy tree. Have flowers with delightful fragrance.	
6	Mangife	ra indica	MA	ngo	1	0	Good for roadside plantation and provide shade	
		ntity of plant						
46.Num	ber and	list of sh	rubs an	d bushes	s species	to be pl	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1		NA		NA			NA	
				47.E r	nergy			
	Source of power supply : MSEDCL						0	
	During Construction Phase: (Demand Load)		150 kw					
	DG set as Power back-up during construction phase			140 KVA				
Pov	During Operation phase (Connected load):		3154.75 KW					
require	-	During Ope phase (Dem load):		2103.16 Kw	7			
		Transforme	er:	2500 KVA x	1 Nos.			
		DG set as P back-up dur operation p	ring	1500 KVA x 2 nos.				
		Fuel used:		HSD				
		Details of h tension line through the any:	passing	NA				
	GY	48.Ene	rgy savi	ng by no	n-conver	ntional n	nethod:	
Solar energ	y generatior	n: 2.22 % of D	emand load	l				
		49	.Detail	calculati	ons & %	of savin	g:	
Serial Number	Energy Conservation Measures Saving %							
1	Conventio	nal T8/CFL wi Energy effici			ts &		43.6%	
		50.	Details	of polluti	ion cont	rol Syste	ems	
Source	Ex	isting pollut	ion contro	l system		Pro	pposed to be installed	

Joy S. Thakur			Name: Kart Amin D
Chart			Signature: Jocula
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 46	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Not applicable		Not applicable							Not ap	plicable		
	allocation				00							
	cost and cost):	0 & M co	ost:	20000								
51	.Envir	onmer	ntal Mar	nage	ment	pl	an Bu	udg	etary	Alloca	ation	
		a) Construc	c tion]	phase	(wi	th Bre	ak-u	p):			
Serial Number	Attributes Parameter Total Cost per annum (Rs. In Lacs)					acs)						
1	Air Env	ironment	Erosion co suppression top soil pr	n measui	res,				466950)/-		
2	La	and	Labour can sanit	np toilet: ation	s &				4,80,000	0/-	3	
3	Health a	and safety	Labour train	safety & ning					4,00,000	0/-		
4	Health a	and safety	Health ch disinf	neck up & ection	Sz				51,000	ŀ		
5		onment gement	Enviro manager	onment nent cel	1				1,70,000	0/-		
6		nmental g (Per Year	Air, Water, DG	Noise, S set	Soil,				1,82,600	00/-		
	-		b) Operat	ion Pł	nase (v	vitl	h Brea	k-up):			
Serial Number	Comp	onent	Descr	iption	Ca	apita	al cost R Lacs	s. In		tional and ost (Rs. in	Maintenance Lacs/yr)	
1		treatment ant	1 5	1 STP		32.50		7.81				
2		c waste gement	1 0	WC		11.25			2.53			
3	Lands	caping	Developi Mainte	ment and enance			2.95			1.56		
4		r harvesting		rge pits			3.75		0.20			
5	Ene	ergy		r PV			10.48			0.20)	
6		onment toring	Air,water,N manure,D wa				-			1.85	i	
51.S	torage	of ch	emicals	(infl	amak	ole	/expl	osiv	e/haz	zardou	s/toxic	
	substances)											
	9				Storage	. (laximum Quantity of	Cons	umption			
Descri	ption	Status	Location	n	Storage Capacity in MT		Storage at any point of time in MT	/ Mo	onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	able	Not applicabl	le a	Not opplicable	Not a	pplicable	Not applicable	Not applicable	
			52.A	ny Ot	her Inf	for	mation	1				
No Informa	tion Availab	le										

Joy S. Thakur			Name: Kare Anii D
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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 47	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

53.Traffic Management					
	Nos. of the junction to the main road & design of confluence:	The site is located in Viman Nagar Area. The development will be accessible from 30m wide DP Road and 12m wide access/service road while the internal driveways are 7.5 m			
	Number and area of basement:	NA			
	Number and area of podia:	NA			
	Total Parking area:	5560.0 sq.m			
	Area per car:	12.5 sqm			
	Area per car:	12.5 sqm			
Parking details:	Number of 2- Wheelers as approved by competent authority:	583			
	Number of 4- Wheelers as approved by competent authority:	244			
	Public Transport:	NA			
	Width of all Internal roads (m):	Min 6 m			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	Building & construction			
	Court cases pending if any	NA			
	Other Relevant Informations	Commercial / IT project			
S	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	-				

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 48	Name: Kare Apir D Signature: Journan Shri. Anil Kale (Chairman SEAC-III)
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Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
	Priof information of the project by SEAC

Brief information of the project by SEAC



PP had submitted application for prior Environmental clearance stating following details:

Total Plot Area (m ²)		5900 m ²				
Deductions (m ²)		719.16 m ²				
Net Plot area (m ²)		5180.84 m ²				
Proposed FSI area (m ²)		20646.80 m ²	0			
Proposed non-FSI area (m	12)	7565.74 m2	· · · ·			
Proposed Total BUA (m2)		28212.54 m2	00-			
Total BUA (m2) approved Planning Authority till dat		In process				
Ground coverage (m2) &	%	2098 m2 (40.49%)				
Total Project Cost (Rs.)		Rs. 74,75,00,000/-				
Proposed Configuration						
Building Name	Configu	iration	Height (m)			
Commercial G+P1+H		P2+12 Floors	53.75			

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

DECISION OF SEAC

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020		Name: Kare Ami D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
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During discussion following points emerged:

1. PP informed that basement is removed and the proposal is altered. PP to submit undertaking regarding the things which are not altered in the layout.

2. PP to resubmit plans as per approval obtained from PMC for LG, UG and stilt floor.

3. All parking for two wheelers shall be on stilt floor and car parking on upper floors.

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

Specific Conditions by SEAC:

Silve

FINAL RECOMMENDATION

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

Joy S. Thakur Joy S. Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 51 of 170 Secretary SEAC-III)

103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

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

Depot) culli illuusti lai Faik at Faiso	and Doffi Village III Waldila, Malialasitta by Jawalianai Nelliu Port Hust.							
Is a Violation Case: No								
1.Name of Project	Proposed development of a Dry Port (Inland Container Depot) cum Industrial Parkat at Parson and Dorli Village in Wardha, Maharashtra, India.							
2.Type of institution	Government							
3.Name of Project Proponent	Jawaharlal Nehru Port Trust Sheva, Tal-Uran, NaviMumbai- 400707 Maharashtra							
I.Name of Consultant	Mantras Green Resources Limited							
5.Type of project	Dry Port (Inland Container Depot)							
6.New project/expansion in existing project/modernization/diversification in existing project	New Project							
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable							
8.Location of the project	Distt. Wardha, Taluka- Seloo, Village Parsodi Survey Nos: 62,47/1,47/2,54/1,54/2, 34/2,35/2,35/1,17,52/1,52/2,18,41,10,25,12/1,12/2, 36,38,45, 49/1, 49/2, 53/1,53/2,56/1, 56/2,48,42/1,42/2,11,39, 13, 109, 23,22,21,50/1, 50/2, 61/A, 61/B, 44, 51/1, 51/2, 20, 7, 33, 37 16, 19, 8, 29,43,55, 40, Dorli 49, 50							
9.Taluka	Seloo							
0.Village	Parsodi and Dorli							
Correspondence Name:	Jawaharlal Nehru Port Trust							
Room Number:	Jawaharlal Nehru Port Trust Sheva, Tal-Uran, Navi Mumbai- 400707 Maharashtra							
Floor:	Ground Floor							
Building Name:	Administration Building							
Road/Street Name:	Sheva,							
Locality:	JNPT							
City:	Navi Mumbai							
11.Whether in Corporation / Municipal / other area	Not applicable							
	In Process							
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: In Process							
	Approved Built-up Area:							
13.Note on the initiated work (If pplicable)	Work not initiated. Not applicable.							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	In Process							
15.Total Plot Area (sq. m.)	1400000							
6.Deductions	0							
7.Net Plot area	14,00,000							
8 (a).Proposed Built-up Area (FSI &	a) FSI area (sq. m.): 57910							
Non-FSI)	D) Non FSI area (sq. m.):							
	c) Total BUA area (sq. m.): 57910							
9 (b) Approved Built up area as not	Approved FSI area (sq. m.): 57910							
8 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):							
	Date of Approval: 15-01-2018							
19.Total ground coverage (m2)	56000							
20.Ground-coverage Percentage (%) Note: Percentage of plot not open to sky)	4							
21.Estimated cost of the project	477000000							
Joy S. Thakur	Name: Kare Ani) D							

Joy S. Thakur			Name: Kare Anii D
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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 52	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

22.Number of buildings & its configuration									
Serial number	Buildir	ng Nam	e & number	Nu	mber of floors	Не	ight of the building (Mtrs)		
1	Inland C	Containe	r Depot (ICD)		G+1		12		
2	Con	ntainer Y	/ard (CY)		G		4.5		
3	W	arehous	se (WH)		G		12		
4		LIQU	ID		G+1		9		
5		ng Area/ Space (P	/ Warehousing A/WS)		G+1		9		
6		Cold Sto	orage		G+1		9		
7	Tru	ck Term	ninal (TT)		G		6		
8	F	Railway	Siding		0		0		
9	F	RTG Wor	rkshop		G+1		12		
10	Ra	ilway W	orkshop		G+1		12		
11	Transit	: Loadin	g/Unloading		0		0		
12	A	Administ	tration		G+1		12		
13		Comme	ercial		G+1		12		
14		Utili	ty		0		0		
15		Fue	el		G		9		
16		Fuel			G 9				
23.Number tenants an		Not Ap	plicable						
24.Number expected r users		1092							
25.Tenant per hectar		NA		SV.	¢				
26.Height building(s				$\overline{\mathbf{x}}$					
station to proposed l	the road learest fire the building(s)	Fire st	ation is proposed	within proje	ct boundary				
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Minim	um 9 meters						
29.Existing		No							
30.Details of the demolition with disposal (If applicable) No									
			31.P	roduct	ion Detail	S			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/	/M)	Total (MT/M)		
Joy S.Thaku SEAC-III)	i . Thakur natuw ur (Secretary		SEAC Meeting No	p: 103 Meetin 13, 2020	ng Date: February	Page 53 of 170	Name: Kare Amin D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)		

1	Not app	olicab	le	Not app	plicable Not applicable Not applicable						
32.Total Water Requirement											
		Sour	rce of wate	r	Maharashtra Jee	van Pradhika	aran				
		Fres	h water (C	MD):	22						
			ycled water hing (CMD		27						
			ycled water lening (CM		18						
			nming pool e up (Cum)		0						
Dry season	:		ll Water uirement ((CMD)	49				0		
		Und	fighting - erground w :(CMD):	ater	0			3			
		Over	fighting - chead wate c(CMD):	r	10 CUM per Bldg	J		0			
		Exce	ess treated	water	0			3			
		Sour	rce of wate	r	Maharashtra Jee	van Pradhika	aran				
		Fres	h water (C	MD):	22						
			cled water hing (CMD		27						
			ycled water lening (CM		0						
			nming pool e up (Cum)		0						
Wet seasor	1:		ll Water uirement ((C MD)	49						
		Und	fighting - erground w t(CMD):	vater	0						
		Over	fighting - chead wates c(CMD):	r	10 CUM per Bldg						
		Exce	ess treated	water	18						
Details of 9 pool (If any		Not A	Applicable								
	5		33. D	etail	s of Total wa	ter cons	sume	d			
Particula rs	Cons	ump	tion (CMD)		Loss	(CMD)		Effluer	nt (CMD)		
Water Require ment	Existin	g	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requireme nt	Not applic	able	22	22	Not applicable	5	13	Not applicable	49	49	
Domestic	Not applic	able	27	27	Not applicable	0	0	Not applicable	27	27	

Joy S. Thakur			Name: Kart Anii D
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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 54	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Gardening Not an	oplicable	18	18	Not applicable	18	18	Not applicable	0	0		
	1		10		_0			•	Ŭ		
		l of the Gi r table:	round	140 to 200 mts. b	.g.l.						
	Size and no of RWH tank(s) and Quantity:		RWH	Not applicable							
	Loca tank	tion of the (s):	e RWH	Not applicable							
34.Rain Water Harvesting	Quar pits:	ntity of ree	charge	10							
(RWH)	Size :	of recharg	ge pits	3.0 x 3.0 x 2.25 m	1						
		getary allo vital cost)		7.5 Lakhs			C	2			
		getary allo M cost) :	ocation	2.0 lakhs			3				
	Deta if an	ils of UGT y :	tanks	Nil							
35.Storm water	drai	ıral water nage patte	ern:	Overflow/surplus storm water drain		the rec	charge pit will be d	ischarged	into		
drainage	Quar wate	ntity of sto er:	orm	895 m3/min for total plot area							
	Size	of SWD:		1.50 x 1.50 to 2.0	m depth						
	Sewa in K	age genera LD:	ation	45							
	STP	technolog	y:	MBBR							
Sewage and	Capa (CM	acity of ST D):	P	165 KLD							
Waste water	Loca the S	ition & are STP:	ea of	Near Liquid 3/4 facility							
		getary allo vital cost):		481.50 Lac							
		getary allo M cost):	ocation	50.0 Lac /Year							
		36.	Soli	d waste Ma	anage	men	t				
Waste generation	in Wast	te generat	tion:	The Construction	waste gene	erated d	uring construction	stage			
the Pre Construct and Construction phase:	ion Disp	osal of the truction w		The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling							
		waste:		Non-biodegradab	le - 305 Ka	/ dav					
		waste:		Biodegradable – 1	-	-					
KA7 .	Haza	ardous was	ste:	Not Applicable							
Waste generati in the operation Phase:	on n Bion	nedical wa icable):		Not Applicable							
1 11030;	STP	Sludge (D ge):	ry	STP Sludge - 52 kg/day							
	Othe	ers if any:		Nil							
Joy S. Tha	kur -						Name: Ka Signature:	N N	р Д . Л ~		

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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 55
SEAC-III)	13, 2020	of 170

Signature:	Jocals
Shri. Anil Kal	e (Chairman
SEAC-III)	

		Dry waste:		Will be han	ded ov	rer to A	Authorized R	ecyclei	r	
Wet waster Mode of Disposal		Wot worto.		Wet waste will be treated in OWC & manure will be used for landscaping & gardening.						
		waste:	nste: Not Applicable							
of waste:	Disposai	Biomedica applicable		Not Applica	able					
		STP Sludg sludge):	e (Dry	Used as ma	nure f	or land	dscape devel	opmen	t	
		Others if a	ny:	Not Applica	able					
		Location(s):	Near STP						
Area requirem	ent:	Area for th of waste & material:		60 sq.m.						0
		Area for m	achinery:	15 sq.m.						
Budgetary		Capital cos	st:	15.0 Lakh						9
(Capital co O&M cost)		O & M cos	t:	3.0 Lakh				6)
	•		37.Ef	fluent Cl	hare	cter	estics			
Serial Number	Serial Parameters Unit				ffluen eresti	ıt	Outlet 1 Charect			Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable				9	Not applicable		
Amount of e (CMD):	Amount of effluent generation (CMD): Not applicable									
Capacity of	the ETP:		Not applica	ıble						
Amount of trecycled :	reated efflue	ent	Not applica	ble						
Amount of v	vater send to	o the CETP:	Not applica	ot applicable						
Membership	o of CETP (if	require):	Not applica	ot applicable						
Note on ETH	P technology	to be used	Not applica	ot applicable						
Disposal of	the ETP sluc	lge	Not applica	cable						
			38.Ha	nzardous	Was	ste D	etails			
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Tot	al	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	No applio		Not applicable	No applio		Not applicable
			39.S t	t <mark>acks em</mark>	issio	n De	etails			
Serial Number	Section	& units		ed with ntity	Stack	k No.	Height from ground level (m)	Internal diameter (m)		Temp. of Exhaust Gases
1	5No. X	63 kVA	16 Li	ter/hr	1		1.6	0.07	762	490 °C
2	5No. X 2	120 kVA	30 Li	ter/hr	1	L	2.2	0.10)16	553 °C
			40.De	tails of F	uel t	to be	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed			Total
1	HSD for	DG Set back	up 1	Not applicabl	е	92	20 Liter/mon	th		920 Liter/month
41.Source o	f Fuel		Auth	orized vendo	r					

Joy S. Thakur Thaten		Name: Kare Amin D Signature: Acula
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	 Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	SEAC-III)

		Total RG a	rea :	140021 sq.m	l.			
No of trees :		s to be cut	00					
43.Gree		Number of be planted		17500				
Develop	oment	List of pro native tree		As below				
		Timeline for completion plantation	n of	At the time o	of completion			
	44.Nu	mber and	l list of t	rees spec	ies to be plan	ted in the ground		
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance		
1	Azadirac	htaindica	Ne	em	1000	Large tree, good for roadside plantation		
2	Albizia	lebbeck	Shi	rish	1000	Shady large tree ,ball shaped flowers		
3	Ficusbenjamina		Nand	arukh	1000	Shady tree, good for roadside Plantation, small fruit are food of birds		
4	Pongamiapinnata		Karanj		1000	fast-growing deciduous tree, ornamental and in avenue plantings		
5	Caryotaurens		Fishtail palm		1000	Grown in any type of soil. Very Hardy.		
6	Mangife	aindica Mango		ngo	2000	Edible fruit, Bird attracting specie		
7	Syziziun	cuminia Jamu:		nun	1500	Medicinal value, Edible fruit.		
8	Saraca	Saracaasoka		Saracaasoka		Ashok	1000	Shady tree with red-yellow flower
9	Cassia	Cassia fistula		iava	1000	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant		
10	Nyctanthes	arbortristis	Parij	jatak	1000	Small deciduous fast growing tree beautiful flowrers		
11		troemia gineae	Tam	ìhan	1000	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers		
12	Bauhinia	racemosa	Ар	ota	1000	Small tree with small white flowers, Butterfly host plant		
13	Buteamo	nosperma	Pa	las	1000	Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant		
14	Micheliad	champaca	Son	chafa	2000	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant		
15	Putranjiva	roxburghii	Putra	anjiva	1000	Medium sized evergreen tree		
16	Total p	roposed	N	A	17500	NA		

	SEAC Meeting No: 103 Meeting Date: February	Page 57	Name: Kale Ami D Signature: According Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Serial Number	Name		C/C Distance	Area m2				
1	Not applicable		Not applicable	Not applicable				
			47.Energy					
	Source of po supply :		MSEDCL Sindhi					
		During Constructio Phase: (Demand Load)	n 3000 kVA					
Power requirement:		DG set as Power back-up during construction phase		3 No X 63 kVA &3 No X 120 kVA				
		During Operation phase (Connected load):	50000 KW	50000 KW				
		During Operation phase (Demand load):	32396 kVA	32396 kVA				
		Transformer:	Not applicable					
		DG set as Power back-up during operation phase:	5 No X 63 kVA &5 No X 120 kVA					
		Fuel used:	920 Liter/month					
		Details of high tension line passing through the plot if any:	g No					
		48.Energy sav	ving by non-conve	ntional method:				
type. • Electronic	c ballasts an nting with au n level.	d Energy efficient lam	o source either triposphere	o reduce losses in comparison with conventional e or CFL or LED are proposed for common area & tching ON & OFF the lights at appropriate				
		49.Detai	il calculations & %	o of saving:				
Serial Number	E	energy Conservation	Measures	Saving %				
1		Use of Solar Street	-	1%				
2		Use of Solar Street	-	1%				
	CY		s of pollution cont	•				
Source	Existing pollution control system Proposed to be installed							
Sewage	Not applicable STP							
Solid waste		Not applicable	9	OWC				
	allocation cost and	Capital cost:	50 Lacs					
	cost):	O & M cost:	5 Lacs/Year					
51	.Envir	onmental Ma	anagement pla	n Budgetary Allocation				
		a) Constr	uction phase (with	n Break-up):				
		,	F	······································				

Joy S. Thakur Hatur			Name: Kare Anir D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 58	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Serial Number	Attri	butes	Para	neter		Total (Cost p	er annu	m (Rs. In I	.acs)
1	Air envi	ronment		for dust ession				5.0		
2		nitation, on & safety	Mobile fumigation protective	n, Person		3.0				
3		onment toring	Air, noise, v	water & s	soil			3.0		
4	Hea	alth	Health	checkup				4.0		
5		onment ment Cell	Formatio	on of cell				5.0		
	-	b) Operat	ion Ph	ase (wi	th Breal	k-up):	6	
Serial Number	Comp	onent	Descr	iption	Capi	ital cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)
1	Wa	nter	Rain Water	Harvest	ing	7.5			2.0	
2	Wa	nter	Sewage T Pla	'reatmen ant	t	481.50			50.0	I
3	Ene	ergy	Solar pho generation lig	on, stree		50		5	5	
4	Land Environment		Gardening & Tree plantation		175 20					
5	Solid	waste		c Waste boster		15			3	
6	6 Environmental Monitoring		Ambient A Noise Leve from DG Se Water, Se STP, M	el, Exhau et, Drinki	lst ng	NA		10.0		
51.S	torage	of che	micals	(infl	amabl	e/expl	osiv	/haz	zardou	s/toxic
	_			sub	stance	es)				
Descri	ption	Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ M	umption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable
	~		52.A	ny Otl	her Info	rmation	l			
No Informa	tion Availab	le								
			53.	Traffi	c Manag	gement				
		Nos. of the to the mai design of confluence	n road &	NA						



	Number and area of basement:	NA			
	Number and area of podia:	NA			
	Total Parking area:	66350 Sq.m.			
	Area per car:	Required parking space SqMt including manoeu	area of per trucks/Trailer considered 70 & 90 vring space.		
	Area per car:	Required parking space SqMt including manoeu	area of per trucks/Trailer considered 70 & 90 vring space.		
Parking details:	Number of 2- Wheelers as approved by competent authority:	450			
	Number of 4- Wheelers as approved by competent authority:	200	6395		
	Public Transport:	Available			
	Width of all Internal roads (m):	1 Minimum 20 & 30 meters			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	8(b) Townships and Area Development projects V NA No			
	Court cases pending if any				
	Other Relevant Informations				
	Have you previously submitted Application online on MOEF Website.	No			
	Date of online submission	-			
9	TOR 9	Suggested Cha	anges		
Consolidated Statement Point Number	Original	Remarks	Submitted Changes		



1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department	IOD/IOA/Concession Document/Plan Approval as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra. 2) 2. PP to include separate chapter	The JNPT is planning for Dry Port & all the plans for approval are in process.
1) PP to IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt.	IOD/IOA/Concession Document/Plan Approval	The JNPT is planning for Dry Port & plan approval is in process.
2) PP to Include separate chapter on Renewable energy in EIA report. Submit terrace plan for installing solar panels & calculations of energy saving; Submit energy modeling with write-up support to this.	Renewable energy	Separate chapter on Renewable energy in EIA report is include in Chapter 9, Section 9.10, 9.10.1, 9.10.2, 9.10.3, 9.10.4 Figure 9.9, 9.10 Annexure 1
3) PP to Include carbon footprint estimations for operation & construction phase in EIA report.	Carbon footprint estimations .	Carbon footprint Estimations is included in Chapter 4, Section 4.11, 4.11.1, 4.11.2, 4.11.3 Figure 4.3 Annexure 2



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4) PP to Carry out Traffic Impact Study in detail	a. PP to Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; Submit cross section of roads at four places showing clear road width 6 meter, 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines, etc., b. PP to Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted, c. PP to Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.d. PP to Traffic generation values of similar development to be given by actual count as support data for assumption made to the particular project. e. PP to Revise parking table mentioning parking as per DCR & parking provided actually. f. PP to Submit drawing & sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.	Traffic Impact Study in detail is include in Chapter 7A Annexure 3
5) PP to Submit Site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.	EMP	Site specific executable and auditable EMP is implemented in Chapter 9, Section 9.14 Table No. 9.12 Annexure 4
6) PP to Submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to Submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance	Fire Tender Movement Plan	Fire Tender Movement Plan is in Chapter 2, Chapter 7, Section 2.7.5, Section 7.7.3 Annexure 5
7) PP to Submit Parking layout plan for all the floors showing slope and width of the ramps.	Parking layout plan	Parking Layout Plan are present in Chapter 2, Table No. 2.9, 2.10, 2.11, 2.12, 2.13 Chapter 7A, Figure 7A.2 Annexure 3. Annexure 6
8) PP to Submit Parking area statement as per DCR.	Parking area statement as per DCR	Parking Area Statement as per DCR are included in Chapter 2, Section 2.5, Table No. 2.8, 2.9 Annexure 7
9) PP to Submit Cross section of basement showing width and slope of ramp.	Cross section of basement	Not Applicable



10) PP to Submit Details of basement parking.	Basement parking	Not Applicable
11) PP Proposes 2 Nos. of basements in each building; its design with ventilation details, contingency plan of basement as well as details of dewatering in basements.	Basements in each building; its design with ventilation details, contingency plan of basement as well as details of dewatering in basements.	Not Applicable
12) PP to Prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.	Traffic and vehicular pollution	Prepare consolidated report on traffic and vehicular pollution in Chapter 7A Annexure 3
13) PP to carry out fugitive dust monitoring by using local meteorological data.	Fugitive dust monitoring by using local meteorological data.	Fugitive dust monitoring is included in Chapter 3, 4, Section 3.10, 4.3.3 Table No. 3.12 Annexure 8
14) PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.; PP to submit OWC details.	Waste management plan details	Details of Waste Management Plan are included in Chapter 9, Section 9.7.1, 9.7.2, 9.7.3, 9.7.4, 9.7.5 Table No. 9.3, 9.4, 9.5, 9.6, 9.7, Figure 9.4, 9.5, 9.6, 9.7, 9.8 Annexure 9
15) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.	Debris management plan	Debris Management Plan is in Chapter 2, Section 2.7.3.1 Annexure 10
16) PP to submit disaster management plan.	Disaster Management Plan	Disaster Management Plan is provided in Chapter 7, Section 7.2 Annexure 11
17) PP to submit socio- economic infrastructure details including public transport arrangements on the site; PP to mention details of socio- economic in EIA.	Socio-economic infrastruc Public transport arrangements on the site; details of socio- economic in EIA.	Details of Socio-economic Infrastructure are given in Chapter 3, Section 3.13 Table No. 3.24, 3.25. Annexure 12



18) PP to provide required amenities within layout as per the planning standards if the existing amenities within the vicinity of plot are inadequate to cater the need of the locality.	Required amenities within layout as per the planning standards if the existing amenities	The proposed activity is Dry Port & as per requirement adequate amenities provided within the layout. Figure 2.10 Annexure 13
19) PP to submit phase wise development plan considering wind rose diagram.	Development plan considering wind rose diagram	The proposed activity is Dry Port & it will be developed as per the guidelines by sanctioning authority.
 20) PP to obtain and submit following NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal. 	a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non- biodegradable waste disposal.	All the NOC's are in process
21) PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.	Design details of water treatment plant	Design details of water treatment plant are given in Chapter 2, 4, Section 2.7, 2.7.2, 4.6 Figure No. 9.1 Annexure 14
22) PP to submit internal storm water drain and sewer line arrangements up to final disposal point.	Internal storm water drain and sewer line arrangements	Internal storm water drain and sewer line arrangements up to final disposal point are mentioned in Chapter 2, 10, Section 2.7.2, 10.8 Annexure 15
23) PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit	Details of design of all STP's	Design of all STP's are given in Chapter 2, 4, Section 2.7.1.1, 2.7.9.3, 4.6.1 Figure 2.12 Annexure 16
24) PP to submit details hydro geological survey report with graphs & data.	Hydro-geological survey report with graphs & data.	Details hydro geological survey report are in Chapter 3, Section 3.5, 3.6 Figure 3.7 Annexure 17
25) PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.	Sources of air pollution, mitigation measures to reduce Air pollution/Noise pollution.	Sources of Air Pollution are industries, open stacking, etc. are given in Chapter 3, 4, 9, Section 3.10.3, 4.3.2, 9.3, 9.4 Annexure 18



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26) PP to provide mandatory RG area on virgin land and submit the drawing with calculations.	RG area on virgin land and submit the drawing with calculations.	RG area is mentioned in Chapter 2, 9, Section 2.3.7.4, 9.8.4 Table 2.8, 9.8, 9.9 Annexure 19
27) PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.	Layout showing natural water courses on site.	Layout showing natural water courses on site are given in Chapter 2, Section 2.7.2 Annexure 20
28) PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.	Gate mass balance analysis	Gate mass balance analysis for environmental parameters is included in Chapter 2, Section 2.7.3, 2.7.3.1 Table 2.18, 2.19 Annexure 21
29) PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring.	Install air monitoring station on site during construction as well as operation phase	Ambient air quality monitoring station to be installed. Chapter 9, Section 9.3 Annexure 22
30) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.	Undertaking of DG set backup to all Pollution Control Devices, Water Supply, Emergency Services	Undertaking to provide DG set backup is attached in Chapter 12, Annexure -10 Annexure 23
31) PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies.	Plant trees which help to increase biodiversity in the premises like fruit bearing trees, etc.	Increase biodiversity in the premises are mentioned in Chapter 3, 9, Section 3.12.5, 3.12.6, 3.12.7, 3.12.8, 9.8.4 Annexure 24
32) PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell.	"Maintenance of all Pollution Control Equipment's	Maintenance and Control of Equipment's are given in Chapter 6 Annexure 25
SEAC	DISCUSSION ON ENVIRON	
	Summorised in brief information of Pro	-
	D	

Brief information of the project by SEAC



PP had submitted application for pr	rior Environmental clearance s	tating follow	wing details:			
Total Plot Area (m2)		1400000				
Deductions (m2)						
Net Plot area (m2)						
Proposed FSI area (m2)		57910				
Proposed non-FSI area (m2)						
Proposed TBUA (m2)		57910				
TBUA (m2) approved		Date of Ap	proval: 15-01-2018			0
Ground coverage (m2) & %		4				
Total Project Cost (Rs.)		47700000	00		5	
Details of Building Configuration:						
Sr	Building Name & number		Number of floors	Height (n	n)	
1	Inland Container Depot (ICD)		G+1	12		
2	Container Yard (CY)		G	4.5		
3	Warehouse (WH)		G	12		
4	LIQUID		G+1.	9		
5	Processing Area/ Warehousin	g Space	G+1	9		
6	Cold Storage		G+1	9		
7	Truck Terminal (TT)		G	6		
8	Railway Siding					
9	RTG Workshop		G+1	12		
10	Railway Workshop		G+1	12		
11	Transit Loading/Unloading					
12	Administration		G+1	12		
13	Commercial		G+1	12		
14	Utility					
15	Fuel		G	9		
16	Fuel		G	9		
The case was discussed on the basi to environment, including air, wate appraised as category 8(a)B1.						
Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 1 1	03 Meetir 3, 2020	ıg Date: February	Page 66 of 170	Signature	e: Ami D Kale (Chairman

DECISION OF SEAC



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

During discussion following points emerged:

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

2. PP to submit detailed disaster management plan incorporating lightening arrester plan.

3. PP to submit plan showing internal road along with width of road.

4. The entire road network shall have access to fire fighting and fire drive way with minimum 6 m clear width. PP to submit a large scale drawing.

5. PP to submit detailed traffic impact assessment.

6. PP to submit parking statement showing total number of parking required and proposed as per DCR / Town Planning norms with adequate area per car as per norms.

7. Parking for heavy vehicles and turnaround areas including the truck terminal if any shall be separately shown in the layout and other facilities for drive ways etc. shall be indicated.

8. PP to submit details of FSI and non-FSI areas.

9. PP has stated that they are the planning authority. PP to submit supporting document.

10. PP to submit master layout plan indicating only work proposed to be carried out and remaining area is to be shown as future development. PP also to indicate structures proposed.

11. PP to submit detailed drawing for internal storm water drain as well as sewer line up to final disposal point along with invert levels of last chambers within property and chambers of final disposal point.

12. PP to submit geo-hydrological report along with details of RWH pits separately for terrace water and surface water.

13. PP to submit phase wise programme for proposed construction with mitigation measures taken to avoid inconvenience to existing / nearby occupants.

14. PP to submit integrated waste management plan.

15. PP to submit energy saving calculations.

16. PP to provide expected traffic of trains per month / per year. Provide the details of diesel and electrical locomotives.

17. Considering all expected number of locomotives to be diesel locomotives, PP to estimate emission loads for particulate matter (PM), oxides of nitrogen (NOx), Hydrocarbons (HC), Carbon Monoxide (CO) and carbon dioxide (CO2) per year. Submit emission inventory also including vehicles operation in the area.

18. PP to carry out dispersion modelling for vehicular and locomotive emissions and provide GLC contours in 5 Km radius.

19. Noise generation expected due to operations including train movements, loading / unloading of containers shall be detailed through noise level modelling in nearby area and also provide expected levels of noise in abating villages / towns in daytime and night time.

20. PP to provide details of plan for storage considering the nature of materials as combustible, inflammable, hazardous etc.

21. PP to provide the details of any washing unit for train racks or containers, platforms (siding) and waste water generation details if any.

22. PP to provide mitigation plan for air pollution and noise pollution.

23. PP to provide carbon foot print calculations for entire project during construction and operation phase.

24. PP to provide details of electrical energy requirement for the project including energy for locomotives, operation of cold storage.

25. PP to provide details of storages including cold storage, liquid storage, fuel station etc. along with specific environmental management plan.

26. Safety permissions for fuel stations may be submitted.

27. PP to submit survival report of existing trees. PP to submit plantation / landscaping plan incorporating local native fruit bearing trees.

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

mit above information.

Specific Conditions by SEAC:

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 68	Name: Kare Ami) D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
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FINAL RECOMMENDATION

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

Stiller Colling Manual Stiller Joy S. Thakur AnilD Name: Kare Signature: Shri. Anil Kale (Chairman Joy S.Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February Page 69 13, 2020 SEAC-III) SEAC-III) of 170

103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

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

Is a Violation Case: No	Troposed Development of Dry Fort (initial container Depot)				
1.Name of Project	Proposed Development of Dry Port (Inland Container Depot) at Javasgaon and Daregaon Village in Jalna District, Maharashtra by JNPT				
2.Type of institution	Government				
3.Name of Project Proponent	Jawaharlal Nehru Port Trust				
4.Name of Consultant	Sri Sai Manasa Nature Tech Private Limited				
5.Type of project	Townships and Area Development Project				
6.New project/expansion in existing project/modernization/diversification in existing project	New Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	This is new Project				
8.Location of the project	Survey Nos. 25 of Javasgaon and 318 of Daregaon Villages in Jalna District, Maharashtra				
9.Taluka	Jalna				
10.Village	Javasgaon & Daregaon				
Correspondence Name:	Sri. S.V. Madabhavi, Chief Manager, PDD, JNPT				
Room Number:	CM Chamber				
Floor:	Second Floor				
Building Name:	JNPT Administrative Building				
Road/Street Name:	JNPT Road				
Locality:	Sheva				
City:	Uran				
11.Whether in Corporation / Municipal / other area	Other Area				
	This is not building Project-NA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not Applicable				
¥	Approved Built-up Area: 87600				
13.Note on the initiated work (If applicable)	DPR prepared for Development of Dry Port				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	This is not building Project-Not Applicable				
15.Total Plot Area (sq. m.)	181.89 Hectare				
16.Deductions	This is not building Project-Not Applicable				
17.Net Plot area	181.89 Hectare				
	a) FSI area (sq. m.): This is not building Project-Not Applicable				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Not applicable				
	c) Total BUA area (sq. m.): 181.89				
10 (b) American J D. 19	Approved FSI area (sq. m.): This is not building Project-Not Applicable				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): This is not building Project-Not Applicable				
	Date of Approval: 01-01-1900				
19.Total ground coverage (m2)	243100				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open	13.37				
to sky)					

22.Number of buildings & its configuration

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020		Name: Kart Ami D Signature: Jacoba Shri. Anil Kale (Chairman SEAC-III)			
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Serial number	Building Name & number			Nu	mber of floors	Height of the building (Mtrs)
---	------------------------	-----------------------------------	---------------	-------------------------	--------------------------------	-------------------------------
1	(Custom Offic	е		2 (G+2)	14.7
2		Office			2 (G+2)	14.7
3	Liqu	id Storage 1	& 2		1	5
4	Col	d Storage 1	& 2		1	5
5	Сс	mmercial 18	ž 2		1	5
6		Utility			1	5
23.Number tenants an		Not Applica	ble			
24.Number expected r users		447				0
25.Tenant per hectar		Not Applica	ble			
26.Height building(s)	ight of the ng(s)					
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)					90-	
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation					are automatic & monitored form	
29.Existing structure (None		SV.	*	
30.Details of the demolition with disposal (If applicable) No demolition & waste generation						
			31.P	roduct	ion Details	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)
1	developm	project is a ent of dry ort	Not App	plicable Not Applicable		Not Applicable
	5	3	2.Tota	Wate	r Requireme	nt



	Source of wat	ter	MIDC							
	Fresh water (CMD):	918							
	Recycled wate Flushing (CM		4							
	Recycled wate Gardening (C		10							
	Swimming po make up (Cur		Not applicat	ole						
Dry season:	Total Water Requirement :	(CMD)	918							
	Fire fighting Underground tank(CMD):		No undergro	ound Tank is p	roposed		0			
	Fire fighting Overhead wat tank(CMD):		No overhead	l tank is propo	sed	0	9.2			
	Excess treate	d water	Nil							
	Source of wat	ter	MIDC							
	Fresh water (CMD):	918							
	Recycled wate Flushing (CM		14							
	Recycled wate Gardening (C		Not applicable							
	Swimming po make up (Cur		Not applicable							
Wet season:	Total Water Requirement :	(CMD)	918							
	Fire fighting Underground tank(CMD):		No underground Tank is proposed							
	Fire fighting Overhead wat tank(CMD):	ter	No overhead tank is proposed							
	Excess treate	d water	Nil							
Details of Swimming pool (If any)	Not applicable	- Propose	ed project is a	liquid Cargo J	etty.					
	33.	Detail	s of Tota	water co	nsume	d				
Particula rs Cons	sumption (CMI	D)	I	loss (CMD)		Eff	fluent (CMD)			
Water Require ment Existing	Proposed	Total	Existing	Existing Proposed Total Existing Proposed		Proposed	Total			
Fresh water 0 requireme nt	918	918	0	904	904	0	14	14		

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 72	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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	Level of the Ground water table:	20 to 25 m below ground level				
	Size and no of RWH tank(s) and Quantity:	1 No. 100 x 50 x 2 = 10000 m3				
	Location of the RWH tank(s):	South corner of the proposed project area				
34.Rain Water Harvesting	Quantity of recharge pits:	Nil				
(RWH)	Size of recharge pits :	Nil				
	Budgetary allocation (Capital cost) :	Naturally available at site shall be used as a RWH pit				
	Budgetary allocation (O & M cost) :	Nil				
	Details of UGT tanks if any :	NOT APPLICABLE				
	Natural water drainage pattern:	South and east of the proposed project area				
35.Storm water drainage	Quantity of storm water:	2376.4 m3				
	Size of SWD:	Width -1 m & Depth - 1.5 m (Average Depth)				
	I					
	Sewage generation in KLD:	14				
	STP technology:	Waste water treatment using SBR Technology.				
Sewage and	Capacity of STP (CMD):	1-25 KLD				
Waste water	Location & area of the STP:	South corner of the proposed project area. Will be provide in EIA.				
	Budgetary allocation (Capital cost):	14290000				
	Budgetary allocation (O & M cost):	50000				
		d waste Management				
Waste generation in	Waste generation:	None				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Not Applicable				
	Dry waste:	36 kg/day				
	Wet waste:	72 kg/day				
TA7	Hazardous waste:	None				
Waste generation in the operation Phase:	Biomedical waste (If applicable):	None				
- 14001	STP Sludge (Dry sludge):	1.5 kg/day				
	Others if any:	None				



	Dry waste:		Recyclable					
	Wet waste		Composting	I				
	Hazardous		Not Applicable					
Mode of Disposal	Biomedica applicable	l waste (If	Not Applica					
	STP Sludge sludge):	e (Dry	Shall be use	ed as a mar	nure for green	lbelt		
	Others if a	ny:	Not Applica	able				
	Location(s):	Not Applica	able				
Aled	Area for th of waste & material:		Not Applica	able				
	Area for m	achinery:	Not applica	ble				
Budgetary allocation	Capital cos	st:	Not applica	ble				
(Capital cost and O&M cost):	O & M cost	t:	Not Applica	able		(2	
		37.Ef	fluent Cl		restics			
Serial Number Param	meters Unit		Inlet E	Effluent cerestics	Outlet	Effluent terestics	Effluent discharge standards (MPCB)	
1 Not App	olicable	Not Applicable	Not Ap	plicable	Not Ap	plicable	Not Applicable	
Amount of effluent gener (CMD):	ration	Not Applica	licable					
Capacity of the ETP:	able							
Amount of treated efflue recycled :	licable							
Amount of water send to	the CETP:	Not Applica	able					
Membership of CETP (if	require):	Not Applica	able					
Note on ETP technology	to be used	Not Applica	able					
Disposal of the ETP slud	ge	Not Applica	able					
		38.H a	zardous	Waste	Details			
Serial Number Descri	ption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1 Noi	ne	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicab	le Not Applicable	
		39.St	tacks em	ission I	Details			
Serial Number Section	& units	Fuel Used with Quantity		Stack No	Height from ground level (m)	Interna diamete (m)	Lown of Exhaust	
1 DG S	Set	Diesel	240 lph	1	18.9	0.5	NA	
		40.De	tails of F	uel to h	be used			
Serial Number Type	e of Fuel		Existing		Proposed		Total	
1	None		NA		NA		NA	
1								
41.Source of Fuel		NA						
	on of fuel to							

Joy S. Thakur Jay S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 74	Name: Kare Ami) D Signature: Shri. Anil Kale (Chairman SEAC-III)
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		Total RG a	irea :	18.32 Hecta	are			
43.Green Belt		No of tree :	s to be cut	None				
			Number of trees to be planted :					
Develop	ment	List of pro native tree		Neem, Kara Shisam, Ma		rjun, Tut	, Jamun, Pe	epal, Bamboo, Kadamb,
		Timeline f completio plantation	n of	5 Year				
	44.Nu	mber an	d list of t	rees spe	cies to b	e pla	nted in t	the ground
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity	Ch	aracteristics & ecological importance
1	Details giv	ven in EMP	Details giv	ven in EMP	Details giv	ven in El	MP	Details given in EMP
45	.Total qua	ntity of pla	nts on grou	nd			·	
46.Num	ber and	list of s	hrubs an	d bushes	s species	s to be	e plante	d in the podium RG:
Serial Number		Name		C/C Dista	nce			Area m2
1	Not	Applicable		NA				NA
				47.Er	nergy		5	
		Source of supply :	power	MSTCL, Ma	aharashtra (Govt.		
		During Construction Phase: (Demand Load)		Construction phase power supply will be met by DG sets. 2000 KVA				
		DG set as Power back-up during construction phase		None				
		During Operation phase (Connected load):		214 MVA				
Pov require		During Operation phase (Demand load):		214 MVA				
		Transform	ier:	214 MVA				
		DG set as Power back-up during operation phase:		2 x 1000 KVA				
		Fuel used		Diesel				
9		Details of high tension line passing through the plot if any:		Two high tension lines are passing through the proposed project area				
		48.Ene	ergy savi	ng by no	n-conve	ntiona	al metho	od:
			e solar panel nventional m		olar energy	. Also, bi	uilding roof	s have photovoltaic solar
		4	9.Detail	calculati	ons & %	of sa	ving:	
Serial Number	E	nergy Cons	ervation M	easures			Sa	aving %
1	Ŋ	/es, detail w	ll give in EIA	A report		Ye	es, detail wi	ll give in EIA report
Ó	Joy S. Thakur Shahur Joy S.Thakur (Secretary SEAC Meeting No			o: 103 Meetir 13, 2020	103 Meeting Date: February Page 75 Signature:			Signature: A.

		50).Details	of poll	ution c	ontrol S	ystems			
Source	Existing pollution control system					Proposed to be installed				
2 x 1000 KVA DG Set		Not	Applicable			Available latest technology will be used				
Budgetary		Capital co	ost:	Detail w	rill give in	EIA report				
(Capital O&M		0 & M cos	st:	Detail w	ill give in	EIA report				
51.Environmental Management plan Budgetary Allocation										
		a)	Construe	c <mark>tion p</mark>	hase (v	with Bre	ak-up):			
Serial Number	Attri	butes	Para	meter		Total	Cost per annu	ım (Rs. In I	Lacs)	
1	Construction		pipelines environme	nveying and othe	r			1800000		
		k) Operat	ion Ph	ase (wi	th Brea	k-up):			
Serial Number	Comp	oonent	Descr	iption	Cap	ital cost Rs Lacs		tional and cost (Rs. in	Maintenance Lacs/yr)	
1	Dust Suppression on internal approach roads and site connecting road		Water tankers will be used		De N	Not Applicable		5.0		
2		Sewage Treatment Plant		Operation and Maintenance		142.9		5.0		
3		Greenbelt Development		Leveling and developing		18.0		10.0)	
4		Environmental Monitoring		Monitoring of Environmental parameters		Not Applicable		4.0		
5	Site Hou	sekeeping	Houseke proposed p	eeping of project are	ea N	lot Applicable		11.52		
6		laneous ental Works	Environme wo	ntal relato orks	ed	20.0 5.0				
51.S	torage	of che	micals	(infla	amab	e/expl	osive/ha	zardou	s/toxic	
				subs	stance	es)				
	C					Maximum Quantity of				
Descrij	ption	Status	Locatio	n	Storage Capacity in MT	Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Nor	ie .	Not Applicable	Not Applica	able	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	
			52.A	ny Oth	ner Info	ormation				
No Informa	tion Availab	le								
			53.	Traffic	Mana	gement				

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 76 of 170 Shri. Anil Kale (Chairman SEAC-III)

	Nos. of the junction to the main road & design of confluence:	1 - Existing single lane road is connecting to Jalna-Aurangabad SH 30 at a distance of $4\ \rm km.$			
	Number and area of basement:	NOT APPLICABLE			
	Number and area of podia:	NOT APPLICABLE			
	Total Parking area:	642000			
	Area per car:	Details are given in EMP under heading parking area statement			
	Area per car:	Details are given in EMP under heading parking area statement			
Parking details:	Number of 2- Wheelers as approved by competent authority:	Details are given in EMP under heading parking area statement			
	Number of 4- Wheelers as approved by competent authority:	Details are given in EMP under heading parking area statement			
	Public Transport:	Details are given in EMP under heading parking area statement			
	Width of all Internal roads (m):	30 & 20			
	CRZ/ RRZ clearance obtain, if any:	Not Applicable			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No protected area is falling in 10 km radius of the proposed project site			
	Category as per schedule of EIA Notification sheet	8(b) - Township and Area Development Project			
	Court cases pending if any	No			
	Other Relevant Informations	No			
	Have you previously submitted Application online on MOEF Website.	Yes			
9	Date of online submission	01-01-1900			
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
	Summorised i	n brief information of Project as below.			
	Brief information of the project by SEAC				

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 77	Name: Kare Ami D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for pr	ior Environmental clearance sta	ating following details:	
Total Plot Area (m2)	1818900 (181.89 Ha.)		
Deductions (m2)			
Net Plot area (m2)	1818900 (181.89 Ha.)		
Proposed FSI area (m2)	69225		
Proposed non-FSI area (m2)			
Proposed TBUA (m2)	69225		
TBUA (m2) approved by Planning Authority till date	69225		
Ground coverage (m2) & %	202600 m2 & 11.14 %		3
Total Project Cost (Rs.)	Rs. 400.92 Crores		3
Proposed Configuration:			
Building Name		Configuration	Height (m)
Inland Container Depot (ICD)		G + 1	12
Container Yard (CY)		G	4.5
Warehouse		G	12
Liquid Storage Area		G + 1	9
Processing Area/ Warehousing Space (PA/WS)		G + 1	9
Cold Storage		G + 1	9
Truck Terminal (TT)		G	6
RTG Workshop		G + 1	12
Railway Workshop)	G + 1	12
Administration Office		G + 1	12
Commercial		G + 1	12
Fuel Station Building	1	G	9

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

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 78	Name: Kare Amin D Signature: A Shri. Anil Kale (Chairman SEAC-III)
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DECISION OF SEAC



During discussion following points emerged:

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

2. PP to submit detailed disaster management plan incorporating lightening arrester plan.

3. PP to submit plan showing internal road along with width of road.

4. The entire road network shall have access to fire fighting and fire drive way with minimum 6 m clear width. PP to submit a large scale drawing.

5. PP to submit detailed traffic impact assessment.

6. PP to submit parking statement showing total number of parking required and proposed as per DCR / Town Planning norms with adequate area per car as per norms.

7. Parking for heavy vehicles and turnaround areas including the truck terminal if any shall be separately shown in the layout and other facilities for drive ways etc. shall be indicated.

8. PP to submit details of FSI and non-FSI areas.

9. PP has stated that they are the planning authority. PP to submit supporting document.

10. PP to submit master layout plan indicating only work proposed to be carried out and remaining area is to be shown as future development. PP also to indicate structures proposed.

11. PP to submit detailed drawing for internal storm water drain as well as sewer line up to final disposal point along with invert levels of last chambers within property and chambers of final disposal point.

12. PP to submit geo-hydrological report along with details of RWH pits separately for terrace water and surface water.

13. PP to submit phase wise programme for proposed construction with mitigation measures taken to avoid inconvenience to existing / nearby occupants.

14. PP to submit integrated waste management plan.

15. PP to submit energy saving calculations.

16. PP to provide expected traffic of trains per month / per year. Provide the details of diesel and electrical locomotives.

17. Considering all expected number of locomotives to be diesel locomotives, PP to estimate emission loads for particulate matter (PM), oxides of nitrogen (NOx), Hydrocarbons (HC), Carbon Monoxide (CO) and carbon dioxide (CO2) per year. Submit emission inventory also including vehicles operation in the area.

18. PP to carry out dispersion modelling for vehicular and locomotive emissions and provide GLC contours in 5 Km radius.

19. Noise generation expected due to operations including train movements, loading / unloading of containers shall be detailed through noise level modelling in nearby area and also provide expected levels of noise in abating villages / towns in daytime and night time.

20. PP to provide details of plan for storage considering the nature of materials as combustible, inflammable, hazardous etc.

21. PP to provide the details of any washing unit for train racks or containers, platforms (siding) and waste water generation details if any.

22. PP to provide mitigation plan for air pollution and noise pollution.

23. PP to provide carbon foot print calculations for entire project during construction and operation phase.

24. PP to provide details of electrical energy requirement for the project including energy for locomotives, operation of cold storage.

25. PP to provide details of storages including cold storage, liquid storage, fuel station etc. along with specific environmental management plan.

26. Safety permissions for fuel stations may be submitted.

27. PP to submit survival report of existing trees. PP to submit plantation / landscaping plan incorporating local native fruit bearing trees.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Stiller Color Joy S. Thakur AnilD Name: Kare Signature: Shri. Anil Kale (Chairman Joy S.Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February **Page 81** 13, 2020 SEAC-III) SEAC-III) of 170

103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for Environment Clearance for Proposed Mixed use Development at S. No. 577/2, 577/3 at Bibewadi, Haveli Taluka, Pune by Jairaj Realty LLP/ Jairaj Realty unit 9, Pune

	Janaj Kearty LEF/ Janaj Kearty unit 9, rune
Is a Violation Case: No	
1.Name of Project	Environment Clearance for Proposed Mixed use Development at S. No. 577/2, 577/3 at Bibewad Haveli Taluka, Pune by Jairaj Realty LLP/ Jairaj Realty unit 9, Pune
2.Type of institution	Private
3.Name of Project Proponent	Mr. Jayant Shah by Jairaj Realty LLP/ Jairaj Realty unit 9, Pune
4.Name of Consultant	VK:e Environmental LLP , Pune
5.Type of project	Mixed use 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	Not Applicable
8.Location of the project	S. No. 577/2, 577/3
9.Taluka	Haveli
10.Village	Bibewadi
Correspondence Name:	Mr. Jayant Shah by Jairaj Realty LLP/ Jairaj Realty unit 9, Pune
Room Number:	759/34
Floor:	NA
Building Name:	NA
Road/Street Name:	Bhandarkar road
Locality:	Near PYC Deccan Gymkhana, Pune
City:	Pune
11.Whether in Corporation / Municipal / other area	РМС
	In process
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: 000
XX	Approved Built-up Area: 000
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.)	85,600 m2
16.Deductions	Deduction for road widening: 9320 sqm, Deduction for amenity: 11,442 sqm
17.Net Plot area	64,838.00 m2
	a) FSI area (sq. m.): 198080.09sq m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 217966.73 sq m
	c) Total BUA area (sq. m.): 416046.82
	Approved FSI area (sq. m.): 00
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 00
	Date of Approval: 16-07-2019
19.Total ground coverage (m2)	27585 m2
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	42

22.Number of buildings & its configuration

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 82	Name: Kare Ami) D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Buildin	ıg Name & ı	number	Nu	mber of floors	I	leight of the building (Mtrs)	
1	Tow	Tower 1 (Residential)			P+28 floors		87.0	
2	Tower 2 (Residential)				P+28 floors		87.0	
3	Reta	il Bazaar Bui	lding	2B+LG+	UG&Bazaar+5 Reta Floor	il	26.90	
4		Office block		2B + LG+U	IG+5 Retails Floor + Floors	+ 20	83.4	
5		Hotel block			5 Restaurant floors+ Hotel Floors	-5	40.10	
6	Pai	rking Buildin	g 1		IG+5 Retail Floors+ arking Floors	6	43.70	
7	Pai	rking Buildin	g 2		IG+5 Retail Floors+ arking Floors	6	40.70	
8		-			-			
9		-			-			
10		-			-		-	
11		-			-		-	
23.Number tenants an		Residential	326, Office	s: 20, retail s	hops, Hotel: 110 roc	oms, Res	taurant	
24.Number expected r users	mber of Residential 1630 users , Commercial: Retail 15,840, hotel block & Restaurant users 1332, of 2255 users,						& Restaurant users 1332, office	
25.Tenant per hectar	renant density rectare Tenant Density 2459.9 /hec. Tenement Density 190.42 / hec.							
26.Height building(s)								
27.Right o (Width of t from the n station to t proposed h	the road earest fire the							
28.Turning for easy ac fire tender movement around the excluding for the pla	ng radius access of er the building the width For easy access of fire tender 9m turning radius will be provided.							
29.Existing structure (Temporary	structures e	xist on site.				
demolition	30.Details of the demolition with disposal (If							
			31.F	Product	ion Details	5		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)		Total (MT/M)	
1	Not ap	plicable	Not ap	plicable	Not applicable		Not applicable	
		3	32.Tota	l Wate	r Requirem	ent		

Joy S. Thakur			Name: Kart Amin D
Thatew			Signature: Ach
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 83	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

	Source of water			PMC								
		Fresh wate	er (CMD):	369								
		Recycled w Flushing (322								
Dry season:		Recycled w Gardening		75								
		Swimming make up (0								
		Total Wate Requireme :		793								
		Fire fightin Undergrou tank(CMD	ind water	474				0				
		Fire fightin Overhead tank(CMD)	water	70			0	9				
		Excess trea	ated water	187								
		Source of	water	PMC								
		Fresh wate	er (CMD):	396								
		Recycled water - Flushing (CMD):		322								
		Recycled v Gardening		00								
		Swimming make up (00								
Wet seaso	n:	Total Wate Requireme :		718								
		Fire fightin Undergrou tank(CMD	ind water	474								
		Fire fightin Overhead tank(CMD	water	70								
		Excess tre	ated water	262								
Details of pool (If an		NA	*									
33.Details of Total water consumed												
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			

Joy S. Thakur That Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 84	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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	Level of the Ground water table:	Post monsoon 6.40 meter Pre monsoon 16.40 meter
t	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	13 Nos. of recharge pits proposed
	Size of recharge pits	Pit 2*2*2 meter Bore well 0.180 meter diameter and 60 meter depth silting chamber 1*1*1
	Budgetary allocation (Capital cost) :	9,75,000 /-
	Budgetary allocation (O & M cost) :	65,000 /-
	Details of UGT tanks if any :	Total UGT capacity including residential and commercial 475000 liter
=	Natural water drainage pattern:	Natural water drainage pattern: The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits.
	Quantity of storm water:	57.5656 cu m per minute
S	Size of SWD:	600 mm
	Sewage generation in KLD:	Total sewage generation 649
S	STP technology:	MBBR
	Capacity of STP (CMD):	Total 3 STP's are proposed having total capacity of 650 kld
Wasto wator	Location & area of the STP:	On ground
	Budgetary allocation (Capital cost):	1,96,84,000 /-
	Budgetary allocation (O & M cost):	41,19,000/-
	36.Soli	d waste Management
Waste generation in the Pre Construction	Waste generation:	Dry waste (Kg/day): 40 kg/day -Wet waste (Kg/day): 60 kg/day -Total waste generated: 100 Kg/day
and Construction I phase:	Disposal of the construction waste debris:	The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.
I	Dry waste:	3407 kg/day
V	Wet waste:	2821
Waste concration	Hazardous waste:	NA
Waste generation in the operation	Biomedical waste (If applicable):	NA
	-pp:////	
Phase: a	STP Sludge (Dry sludge):	96.7 kg /day

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 85	Name: K 972 A poin D Signature: A Shri. Anil Kale (Chairman SEAC-III)
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		Dry waste:			Dry waste will be segregated into recyclable and non-recyclable waste. Non degradable waste will be handed over to "SwaCH" (Co-operative enterprise for waste collection. Dried sludge from STP will be used as manure						waCH" (Co-operative	
Mode of I	Wet waste:		:	Biodegradable waste will be treated in Organic Waste Converter. Separate OWCs are proposed for different sectors and amenities.								
of waste:	Disposai	Hazardous	waste	:	NA							
		Biomedica applicable		e (If	NA							
		STP Sludg sludge):	e (Dry		Dried sludg	e from	STP	will be	used	as mai	nure.	
		Others if a	ny:		E-waste wil	l be se	nt to a	authori	ized ve	endors		
		Location(s):		On ground							
Area requirem	ent:	Area for th of waste & material:			220 sq.m							0,7
		Area for m	achine	ery:	220 sqm)
Budgetary		Capital cos	st:		Rs 66,75,00)0/-						-
(Capital co O&M cost)		O & M cos	t:		Rs 15,27,77	77/-			0			
				7. Ff	fluent Cl		cter	estic	s)		
Serial Number	Parameters Unit				Inlet E Charect	ffluen	t	0	utlet 1	Efflue erest		Effluent discharge standards (MPCB)
1	Not apj	plicable	No applio		Not apj	plicabl	e	Ν	Not applicable			Not applicable
Amount of e (CMD):	effluent gene	eration	Not applicable									
Capacity of	the ETP:		Not aj	pplica	ble	5						
Amount of t recycled :	reated efflue	ent	Not aj	pplica	ble							
Amount of v	vater send to	o the CETP:	Not a		<u> </u>							
Membership		-	Not aj									
Note on ETI			Not a	· ·								
Disposal of	the ETP sluc	lge	Not a									
			38	3.Ha	zardous	Was	te D	etai	ls			
Serial Number	Descr	iption	Ca	ıt	UOM	Exis	5	-	posed Tot		tal	Method of Disposal
1	Not app	plicable	No applio		Not applicable	N appli		N appli			ot cable	Not applicable
	7		3	9.St	acks em	issio	n D	etail	S	-		
Serial Number	Section	& units	Fu		ed with ntity	Stacl	s No.	Hei fro grou level	om und dian		rnal neter n)	Temp. of Exhaust Gases
1	Not app	plicable	Ν	ot app	plicable	N appli		N appli			ot cable	Not applicable
			40).De	tails of F	uel	to be	e use	ed			
Serial Number	Тур	e of Fuel			Existing			Prop	posed			Total
1	Not	applicable		Ν	Not applicabl	е	Ν	lot app	olicabl	е		Not applicable
Joy S. Thakur Joy S. Thakur SEAC Meeting No					o: 103 Meetir 13, 2020	ng Data	e: Febi	ruary		ge 86 f 170	Sign	ne: Kare April D nature: Action Anil Kale (Chairman C-III)

41.Source of Fuel NA			NA					
42.Mode of	Transportat	ion of fuel to	site NA					
				-				
Total RG		Total RG a	rea :	7628 m2				
		No of trees	s to be cut	Few of the protected	existing trees will be tra	nsplanted, other trees will be		
		Number of	trees to	995				
43.Gree		be planted		995				
Develop	ment	List of pro		Refer Belov	v list:			
		Timeline f						
		completion plantation		Till operation	on phase			
	44.Nu	-		rees spe	cies to be plante	d in the ground		
Serial						Characteristics & ecological		
Number	Name of	the plant	Commo	n Name	Quantity	importance		
1	Syzygium cumini Ja		Jambh	ul tree	50	A large size tree with dense foliage provides shade along roads, wood is water resistant and attracts a variety of birds.		
2	Millingtoni	a hortensis	Indian o	cork tree	50	A columnar, evergreen tree, grows well both dry and moist regions		
3	-	Lagerstromia flos- regineae T		ıhan	35	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers, grows well in both dry and humid climate.		
4	Pongami	a pinnata Kar		ranj	50	Large tree good for stopping soil erosion along canal banks		
5	Azadiracl	Azadirachta indica N		em	71	A medium to large size hardy tree which stand in drought conditions. Air Purifying quality. Attain a much larger size in dry regions		
6	Cassia	fistula	Bał	nava	40	Small deciduous tree. Excellent bright flowering tree for arid regions		
7	Ficus be	enjamina	Weep	ing fig	38	Medium sized evergreen tree with elegant appearance and moderate water requirement.		
8	Plumer	Plumeria alba		mpa	55	Ornamental flowering tree		
9	Michelia	champaca Sonc		hapha	45	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant		
10	Polyathia	longifolia	Ashoka 40		40	Large evergreen tree. Effective in decreasing noise pollution		
11	Mangife	ra indica	mango		mango 60		60	Large evergreen and fruit bearing tree
12	Albizia	lebeck	Shi	rish	48	Shady, large tree, ball shaped flowers		
13	Psidium	guajava	Guava	Guava, peru 63		Small hardy and birds attracting tree.		
14	Jacaranda	mimosifolia	Jacai	randa	56	Medium size gracious deciduous, flowering tree which prefers moderate climate		

Joy S. Thakur Haluw	
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February
SEAC-III)	13, 2020

15	Khaya senghalis	Khaya	45	Large roadside tree with white sweet scented flowers
16	Spathodia campanulata	Pichkari	50	A handsome large deciduous flowering tree. Good for roadside plantation
17	Bauhinia purpurea	Rakta Kanchan	45	Small hardy tree with beautiful pink flowers
18	Manilkara zapota	Chikoo	61	Small evergreen tree, fruit bearing common in gardens
19	Cocos nucifera	Coconut	45	Large palm, native to western ghats
20	Butea monosperma	Palas	48	Small deciduous, good for road side plantation
45	5.Total quantity of plan	its on ground		
46.Nun	nber and list of sl	nrubs and bushes	s species to	be planted in the podium RG:
Serial Number	Name	C/C Dista	ince	Area m2
	Name -	C/C Dista	ince	Area m2 -
Number	Name - -	C/C Dista	nce	Area m2 - -
Number 1	Name - - -	C/C Dista - - -	ance	Area m2 - - -
Number 1 2	Name - - - -	C/C Dista - - - -		Area m2
Number 1 2 3	Name - - - - - -	C/C Dista - - - - - -		Area m2
Number 1 2 3 4	Name 	C/C Dista 		Area m2
Number 1 2 3 4 5	Name 	C/C Dista		Area m2
Number 1 2 3 4 5 6	Name	C/C Dista 		Area m2
Number 1 2 3 4 5 6 7	Name	C/C Dista 		Area m2
Number 1 2 3 4 5 6 7 8	Name	C/C Dista 		Area m2

SEL



			power	Maharashtr (M.S.E.D.C.	a State Electricity L.)	Distribution	Company Limited
		During Co Phase: (De Load)	nstruction emand	235.67 KW			
		back-up d	set as Power ck-up during nstruction phase				
		During Op phase (Cor load):		55563.71 K	W		
Pov require		During Op phase (De load):		26741.70 kvA			
		Transform	er:	Residential: 630 Kva-2 nos. Office & Retail Block: 10 & Restaurant Block 1000 Kva-6 nos.			Block: 1000 Kva-7 nos. Hotel
		back-up d	DG set as Power back-up during operation phase:		625 Kva-1no. Offic urant Block 1010 I		lock: 1010 Kva-10 nos. Hotel
		Fuel used:		HSD			
		Details of tension lin through th any:	e passing	NA	6	20-	
		48.Ene	ergy savi	ng by no	n-convention	al metho	d:
Total Energ	y Saving : 3	1 %					
		4	9.Detail	calculati	ons & % of s	aving:	
Serial Number	E	nergy Cons	ervation M	easures Saving %			wing %
1			nergy Savin				31%
					ion control S		
Source	Ex	isting pollu	tion contro	Proposed to be installed			to be installed
Not applicable		Not	applicable	Not applicable			
Budgetary (Capital	cost and	Capital co O & M cos	~	1,0067,500/-			
0&M				2,01,350/- nagement plan Budgetary Allocation			
51	.Envire			0	-	0	y Allocation
	GY	a)	Construc	ction pha	se (with Bre	ak-up):	
Serial Number	Attri	butes	Parai	neter	Total (C <mark>ost per an</mark> r	num (Rs. In Lacs)
1	Air Envi	ronment	suppression barricadir	ntrol – dust n measures, ng and top servation		57.48	
2	La	ind		np toilets & ation		10	.0
3	Health a	nd Safety		heckup & Tection		2.2	25
4		onment gement	Enviro manager	onment ment cell		3.	0
Joy S.Thaku SEAC-III)	in Thakun Mahuw Ir (Secretary		C Meeting No	o: 103 Meetin 13, 2020	ıg Date: February	Page 89 of 170	Name: Kore Ani D Signature: John Shri. Anil Kale (Chairman SEAC-III)

5 Environmental Monitoring			Environ Monit	10.56						
			b) Operati	on Phas	e (wi	th Brea	k-up):			
Serial Number	Com	ponent	Descri	ption	Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)		
1		e Treatment Plant	ST	Р		196.84		41.1	9	
2		d Waste agement	OW	/C		66.75		15.2	7	
3	Land	lscaping	Developn Mainte			34.10		3.41		
4	Rain Wate	er Harvestin	g Rain Water	Rain Water Harvesting		13.0		1.3		
5	Energ	yy Saving	Solar PV	Solar PV panels Environmental		100.6		2.01		
6		onmental nitoring	Environ Monit			-	11.50			
01.0				substa		es)	osive/haz			
Descri	Description		Location	Ca	orage pacity 1 MT	Maximum Quantity of Storage at any point of time in	Consumption / Month in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica		Not licable	MT Not applicable	Not applicable	Not applicable	Not applicable	
			52.A	ny Othe	r Info	rmation	1			
No Informa	tion Availa	ble								
			53.1	Fraffic N	ſana	gement				
	6	Nos. of t to the m design o confluen	f	Proposed s wide drive	ite is lo vay and	cated at Bib 9 m turnin	ewadi. For inte g radius is prop	rnal traffic	movement 6m	



		ber and area of ment:	2 Nos., 46104 sq. m.			
	Num podia	ber and area of a:	00			
	Total	Parking area:	114886.89 sqm			
	Area	per car:	12.5 sqm			
	Area	per car:	12.5 sqm			
Parking details:	Whee appro	ber of 2- elers as oved by oetent ority:	11659 Nos			
	Whee appro	ber of 4- elers as oved by oetent ority:	4331 Nos		00	
	Publi	ublic Transport: NA				
		h of all Internal s (m):	Width of all Internal roads: 6	m		
		RRZ clearance n, if any:	NA			
	Prote Critic areas areas	nce from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	NA			
	sche	gory as per dule of EIA ication sheet	8(b) Township and Area Devel	lopment Proj	ect	
	Cour if any	t cases pending	NA			
		r Relevant mations	Proposed Mixed use Developm	nent is loace	td at Bibewadi	
	subn Appli	you previously hitted cation online OEF Website.	No			
		of online hission	-			
SEAC	DIS	CUSSION	ON ENVIRONMI	ENTAL	ASPECTS	
Environmental Impacts of the project	-					
Water Budget	-					
Waste Water Treatment	-					
Drainage pattern of the project	-					
Ground water parameters	-					
Solid Waste Management	-					
Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)		SEAC Meeting No	o: 103 Meeting Date: February 13, 2020	Page 91 of 170	Name: Kare Ami D Signature:	

Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
	Brief information of the project by SEAC
Si	C.A.C.H. MARINE

Joy S.Thakur (Secretary SEAC-III)

Joy S. Thakur

SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 92 of 170 Name: Kart Amin D Signature: Amin

Total Plot Area (m2)		85,600.00 sqm		
Deductions (m2)		Deduction for road widening: 9320		
		Deduction for amenity: 11,442 s	sqm	
		Total Deduction: 20,762 sqm		
Net Plot area (m2)		64,838.00 sqm		
Proposed FSI area (m2)		198080.09 sqm		
Proposed non-FSI area (m2)		217966.73 sqm		
Proposed TBUA (m2)	416046.82 sqm	9		
'BUA (m2) approved by	In process)		
Planning Authority till date		0,7		
Ground coverage (m2) & %		27585 sqm (42% of the Net Plot Area)		
Fotal Project Cost (Rs.)		Rs. 1126,56,47,144/-		
Proposed Configuration		0		
Building Name	Configuration		Height	
'ower 1 (Residential)	P+28 Floors		87.0	
'ower 2 (Residential)	P+28 Floors		87.0	
Retail Bazaar Building	2B+LG+UG&Baza	ar+5 Retail Floor	26.90	
Office Block	2B+LG+UG+5Ret	ails Floor + 20 Floors	83.40	
Hotel Block	2B+2P+5 Restaur	staurant floors+ 5 Hotel floors		
Parking Building 1	B+LG+UG+5 Reta	B+LG+UG+5 Retail floors+ 6 parking floors		
Parking Building 2	B+LG+UG+5 Reta	il floors+ 6 parking floors	40.70	

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

During discussion following points emerged:

1. PP to submit site specific, executable EMP encompassing monitoring matrix, Environment Cell and responsibility for execution.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

. Thakur JOYS Joy S.Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February Page 94 SEAC-III) 13, 2020 of 170

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

103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for environmental clearance is required as per EIA notification 2006, Further, as per the MoEF&CC circular dated 9th Jun., 15 a clarification was issued that in case of medical universities/institutes, the component of Hospitals will continue to require prior Environment Clearance.

	e to require prior Environment Clearance.				
Is a Violation Case: No					
1.Name of Project	National institute of Naturopathy				
2.Type of institution	Government				
3.Name of Project Proponent	Ministry of Ayush, Govt of India				
4.Name of Consultant	Grass root research and creation india Pvt Ltd, No, 374-375, F-block, sector-63, Noida, UP. NABET certification No. NABET/EIA/1619/RA0064 dated 04-12-2019				
5.Type of project	8 (a) - Building and construction project as per EIA notification 2006. Environmental clearance is required for hospital projects.				
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	Yewalewadi, Pune, Maharashtra				
9.Taluka	Haveli				
10.Village	Yewalewadi				
Correspondence Name:	Dr. K. Satya Lakshmi, Director, National Institute of Naturopathy, Ministry of AYUSH.				
Room Number:	NA				
Floor:	NA				
Building Name:	Bapu Bhavan				
Road/Street Name:	Matoshree Ramabai Ambedkar Road				
Locality:	Pune				
City:	Pune				
11.Whether in Corporation / Municipal / other area	Pune municipal corporation				
	All plans had been submitted to pune municipal corporation.				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: CC/2510/19				
Approval Number	Approved Built-up Area: 39295				
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.)	1,01,318.83 m2				
16.Deductions	427.52 m2 – Proposed D.P. road widening Area				
17.Net Plot area	1,00,891.31				
	a) FSI area (sq. m.): 37,212.89				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 2,082.49				
	c) Total BUA area (sq. m.): 39295				
	Approved FSI area (sq. m.): 37,212.89				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 2,082.49				
	Date of Approval: 18-01-2020				
19.Total ground coverage (m2)	21,085.35				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21%				
21.Estimated cost of the project	170.29				

Joy S. Thakur		Name: Kore Amin D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	 Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	SEAC-III)

	2	2.Number of bu	ildings & its conf	iguration		
Serial number	Buildir	ng Name & number	Number of floors	Height of the building (Mtrs)		
1	He	ospital Building	G+1	8.85		
2	Ac	ademic Building	G+2	12.60		
3		Auditorium	G+1	6.80		
4	Hostel	Area (Girls & Boys)	G+1	6.60		
5	Diet Center	r & Administrative Block	G+1	8.60		
6	Res	idential Type - II	G+3	12.60		
7		Yoga Hall	Ground floor	4.7		
8	(Common Mess	G+1	5.95		
9	Living C	Gandhi Memorial Hall	Ground floor	4.70		
10	Cottages & VIP Cottages Residential Type - III		Ground floor	3.55		
11	Residential Type - III Residential Type - IV		G+3	12.60		
12	Residential Type - IV Residential Type - V		G+3	12.60		
13	Res	sidential Type - V	G+1	6.60		
tation to f	e of the) f way the road earest fire the puilding(s) g radius ccess of					
around the excluding t for the pla	e building the width ntation g	9 m NA				
29.Existing structure (30.Details demolition	of the with	NA				
structure (30.Details demolition disposal (I	of the with f	NA 31.Pr	oduction Details			
structure (30.Details	of the with f			Total (MT/M)		

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 96	Name: K are A mi D Signature: Signature:
Joy on martar (occretary	Shire Proving No. 105 Proving Duter 105 day	I ugo o o	onin nun nun (onun mun
SEAC-III)	13, 2020	of 170	SEAC-III)

		Source of wa	ter	PMC							
		Fresh water	(CMD):	182							
		Recycled wat Flushing (CM		119							
		Recycled wat Gardening (C		47							
		Swimming po make up (Cu		0							
Dry season	:	Total Water Requirement :	(CMD)	352							
		Fire fighting Underground tank(CMD):		200				0			
		Fire fighting Overhead wa tank(CMD):			Academic-10, rls Hostel-5, Ty				-10, Boys		
		Excess treate	ed water	76							
Source of water				PMC							
		Fresh water	(CMD):	182							
		Recycled wat Flushing (CM		119							
		Recycled wat Gardening (C		0							
		Swimming po make up (Cu		0							
Wet seasor	1:	Total Water Requirement :	(CMD)	352							
		Fire fighting Underground tank(CMD):		200							
		Fire fighting Overhead wa tank(CMD):		Hospital-10, Academic-10, Auditorium-25, Admin & diet Centre-10, Boys Hostel-5, Girls Hostel-5, Type-II-5, Type-III-5 & Type-IV-5							
		Excess treate	d water	170							
Details of S pool (If any		NA									
		33	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)		Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Fresh water requireme nt	0	182	182	0	40	40	0	142	142		
Gardening	0	47	47	0	47	47	0	0	0		
Domestic	0	282.5	282.5	0	32.5	32.5	0	250	250		

Joy S. Thakur		Name: Kare Amin D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	 Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	SEAC-III)

Seeson - 4.00 m. to 10.00 BCL. (7.00 M. Average) Winter Season 12.13 m. to 19.38 m. BGL. (15.75 M. Average) Size and no of RWH tank(s) and Quantity: NA J4.Rain Water Harvesting (RWH) Location of the RWH tank(s): NA Size of recharge pits i Total 25 nos. (16 No. for roof top & 9 no. for surface run off.) Size of recharge pits i Size of recharge pits i Total 25 nos. (16 No. for roof top & 9 no. for surface run off.) Budgetary allocation (0 & M cost): Budgetary allocation (0 & M cost): 1.25 lakhs Budgetary allocation (0 & M cost): 1.25 lakhs 1.25 lakhs Budgetary allocation (0 & M cost): 58.008.79 m3 / Year ite. 1176.18 m3 / Day considering 849.30 m average annual rain failm 50 days. Size of SWD: As per detailed section, calculation & design requirement. Sewage and Waste water Sewage generation in KLD: 250 STP technology: SBR TEchnology SBR TEchnology Capacity of STP (CMD): 1 no and 300 KLD capacity 21 lacacity Location & area of the STP: STP will be installed inside the project site Budgetary allocation (O & M cost): 92 lakhs STP will be installed inside the project site Budgetary allocation (O & M cost): 39,752.0 cu.mt							
Jakksin water Harvesting (RWH) tank(s) Location of the RWH tank(s): NA Jakksin Quantity of recharge pits is confronting of recharge pits is confronting of the RWH pits: a) 2.50 m. X 1.75 m - with 6" dia.55 m. deep hore well via 1 no. of 0.9 m. dia.1 n. deep desiltation of for root top RWH & b) 2.50 m. X 1.75 m - with 6" dia.55 m. deep hore well via 2 no. of 0.9 m. dia.1 n. deep desiltation of each pits and 0 & G trap for surface run off RWH. Budgetary allocation (Capital cost) : 31.25 lakhs Budgetary allocation (Capital cost) : 31.25 lakhs Jotatis of UCIT tanks if any : 450 KLD Astural water drainage Astural water vater: 450 KLD Sewage and Waste water Size of SWD: As per detailed section, calculation & design requirement. Sewage generation (Capital cost): 250 SPRTEchnology Stree of SWD: As per detailed section, calculation & design requirement. Sewage and Waste water Size of SWD: Sep Capital cost): Sub of SUP: Spre detailed section, calculation & design requirement. Sewage generation (Capital cost): 250 Stre of SWD: Spre detailed section, calculation & design requirement. Sewage generation (Capital cost): 250 Sub cost): 39.762.0 cu.mt			Summer Season - 20.25 m. to 28.75 m. BGL. (24.50 M. Average) Rainy Season - 4.00 m. to 10.00 BGL. (7.00 M. Average) Winter Season - 12.13 m. to 19.38 m. BGL. (15.75 M. Average)				
34.Rain Water Harvesting (RWH) tank(s): NA 34.Rain Water Harvesting (RWH) Total 25 nos. (16 No. for roof top & 9 no. for surface run off.) Size of recharge pits : Size of recharge pits : Size of RWH pits: a) 2.50 m. X 2.50 m. X 1.75 m. with 6° dia, 50 m. deep bore well via 1.00. of 0.9 m. dia. 1 m. deep desilitation ci m. deep bore well via 1.00. of 0.9 m. dia. 1 m. deep desilitation ci m. deep bore well via 2.00 m. 0.0 0.9 m. dia. 1 m. deep desilitation ci m. deep bore well via 2.00 m. 0.0 0.9 m. dia. 1 m. deep desilitation ci m. deep bore well via 2.00 m. 0.0 0.9 m. dia. 1 m. deep desilitation ci deach pits and 0.8 G trap for surface run off RWH. Budgetary allocation (0 & M cost) : 1.25 lakhs Budgetary allocation (0 & M cost) : 1.25 lakhs Vantural water drainage 450 KLD Vantury 58,808.79 m.3 / Year be. 1,176.18 m.3 / Day considering 849.30 m average annual fain laft in 50 days. Size of SWD: As per detailed section, calculation & design requirement. Sewage gand Waste water Sewage generation in KLD: 250 STP technology: SBR TEchnology. Capatity of STP: (DD): 1 no and 300 KLD capacity UD: Sudgetary allocation (Gapital cost): 21 ho and 300 KLD capacity Budgetary allocation (Gapital cost): 15 lakhs per year Budgetary allocation (Gapital cost): 92 lakhs Budgetary allocation (Gapital cost): 37,52.0 cu.ml. Budgetary allocation (Gapital cost): 37,5		tank(s) and	NA				
34. Rain Water Harvesting (RWH) pits: File 20 instruction Size of recharge pits Size of recharge pits i: Size of recharge pits i: Budgetary allocation (Capital cost) : Budgetary allocation (Capital cost) : Budgetary allocation (Co & M cost) : Budgetary allocation (Capital cost) : Budgetary allocation (Co & M cost) : Budgetary allocation (Capital cost) : Budgetary allocation (Co & M cost) : Budgetary allocation (Capital cost) : Budgetary allocation (Capital cost) : Sewage and Waste water Natural water data cost): 450 KLD Str of SWD: As per detailed section, calculation & design requirement. Sewage and Waste water Sewage generation in KLD: 250 Str Detchnology: Semarty Str Will be installed inside the project site Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): 15 lakhs per year Budgetary allocation (O & M cost):			NA				
(RWH) Size of recharge pits : i deep hore well via 1 no. of 0.9 m. dia. 1 m. deep de-siltation close of pits and 0 & G trap for surface run off RWH. Budgetary allocation (Capital cost): in deep hore well via 2 no. of 0.9 m. dia. 1 m. deep de-siltation close ch pits and 0 & G trap for surface run off RWH. Budgetary allocation (C & M cost): in deep hore well via 2 no. of 0.9 m. dia. 1 m. deep de-siltation close ch pits and 0 & G trap for surface run off RWH. Budgetary allocation (C & M cost): in deep hore well via 2 no. of 0.9 m. dia. 1 m. deep de-siltation close ch pits and 0 & G trap for surface run off RWH. Budgetary allocation (C & M cost): in deep hore well via 2 no. of 0.9 m. dia. 1 m. deep de-siltation close ch pits and 0 & G trap for surface run off RWH. Budgetary allocation (C & M cost): in deep hore well via 2 no. of 0.9 m. dia. 1 m. deep de-siltation close ch pits and 0 & G trap for surface run off RWH. Budgetary allocation (Capital cost): in deep hore well via 2 no. of 0.9 m. dia. 1 m. deep de-siltation close charactery Sewage and Waste generation in the Pre Construction and Construction phase: Natural water the STP: 450 KLD Budgetary allocation (Q & M cost): in data for an of a silt and in deep and in	34.Rain Water		Total 25 nos. (16 No. for roof top & 9 no. for surface run off.)				
(Capital cost) : 91.25 Iaklis Budgetary allocation (0 & M cost) : 1.25 Iakhs per year 35.Storm water drainage Matural water drainage pattern: 450 KLD 35.Storm water drainage Matural water drainage pattern: 450 KLD Quantity of storm water: 58,808.79 m3 / Year be. 1/176.18 m3 / Day considering 849.30 m average annual rain fall m 50 days. Size of SWD: As per detailed section, calculation & design requirement. Sewage generation in KLD: 250 STP technology: SBR TEchnology Capital cost): 3 no and 300 KLD capacity Uoation & area of the STP: 2 no and 300 KLD capacity (CMD): Location & area of the STP: 3 no and 300 KLD capacity Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (Gaptaf cost): 92 lakhs Budgetary allocation and Construction and Construction and Construction maste debris: 39,752.0 cu.mt Yest generation in the operation plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site. The operation Phase: Th		Size of recharge pits :	Size of RWH pits: a) 2.50 m. X 2.50 m. X 1.75 m - with 6" dia. 55 to 60 m. deep bore well via 1 no. of 0.9 m. dia. 1 m. deep de-siltation chamber for roof top RWH & b) 2.50 m. X 2.50 m. X 1.75 m - with 6" dia. 55 to 60 m. deep bore well via 2 no. of 0.9 m. dia. 1 m. deep de-siltation chamber each pits and O & G trap for surface run off RWH.				
(0 & M cost): 1.3.3 lakus per year Details of UGT tanks if any: 450 KLD 35.Storm water drainage pattern: Quantity of storm water: 450 KLD 35.Storm water drainage pattern: Quantity of storm water: 450 KLD Size of SWD: As per detailed section, calculation & design requirement. Sewage and Waste water Sewage generation in KLD: 250 STP technology: SBR TEchnology Capacity of STP (CMD): Location & area of the STP: STP will be installed inside the project site Budgetary allocation (0 & M cost): 92 lakhs Budgetary allocation (0 & M cost): 15 lakhs per year Usate generation in the Pre construction and Construction phase: 39,752.0 cu.mt Waste generation in the operation phase: Disposal of the construction waste debris: 39,752.0 cu.mt Waste generation in the operation Phase: Dry waste: 696 kg/day Wet waste: 7.16 kg/day Hazardous waste: 5.75 kg/day Biomedical waste (If applicable): 94 kg/day STP Sludge (Dry sludge): 94 kg/day			31.25 lakhs				
if any : 450 KLD 35.Storm water drainage pattern: 450 KLD 35.Storm water drainage pattern: 450 KLD Quantity of storm water: 58,808.79 m3 / Year i.e. 1,176.18 m3 / Day considering 849.30 m average annual rain fall m 50 days. Size of SWD: As per detailed section, calculation & design requirement. Sewage and Waste water 58,808.79 m3 / Year i.e. 1,176.18 m3 / Day considering 849.30 m average annual rain fall m 50 days. Size of SWD: As per detailed section, calculation & design requirement. Capacity of STP (CMD): 250 STP technology: SBR TEchnology Capacity of STP (CMD): 1 no and 300 KLD capacity Location & area of the STP: STP will be installed inside the project site Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (Capital cost): 15 lakhs per year Budgetary allocation (Capital cost): 39,752.0 cu.mt Waste generation in the Pre Construction phase: Naste generation: Vex waste: 716 kg/day Waste generation in the operation phase: Dry waste: Dry waste: 716 kg/day Wet waste: 716 kg/day Maste generation in the operation Phase: STP Sidge (Dry sidge): STP Sidge (Dry sidge): 51 kg/day <th></th> <th></th> <th>1.25 lakhs per year</th>			1.25 lakhs per year				
35.Storm water drainage drainage pattern: 450 KLD 35.Storm water drainage Quantity of storm water: 58,808.79 m3 / Year i.e. 1,176.18 m3 / Day considering 849.30 m average annual rain fail m 50 days. Size of SWD: As per detailed section, calculation & design requirement. Sewage and Waste water Sewage generation in KLD: 250 STP technology: SBR TEchnology Capacity of STP (CMD): I no and 300 KLD capacity Location & area of the STP: STP will be installed inside the project site Budgetary allocation (0 & M cost): 92 lakhs Budgetary allocation (0 & M cost): 15 lakhs per year Sessel generation in the Pre Construction phase: 39,752.0 cu.mt Waste generation in the Pre Construction phase: Disposal of the construction waste debris: 39,752.0 cu.mt Waste generation in the Pre Construction phase: Disposal of the construction waste 39,752.0 cu.mt Waste generation in the Pre Construction phase: Disposal of the construction waste 39,752.0 cu.mt Binedical waste: 716 kg/day Wet waste: 716 kg/day Biomedical waste 5.75 kg/day			450 KLD				
35.Storm water drainage drainage pattern: 450 KLD 35.Storm water drainage Quantity of storm water: 58,808,79 m3 / Year i.e. 1,176,18 m3 / Day considering 849.30 m average annual rain fall m 50 days. Size of SWD: As per detailed section, calculation & design requirement. Sewage and Waste water Sewage generation in KLD: 250 STP technology: SBR TEchnology Capacity of STP (CMD): I no and 300 KLD capacity Location & area of the STP: STP will be installed inside the project site Budgetary allocation (Ø & M cost): 92 lakhs Budgetary allocation (Ø & M cost): 15 lakhs per year Sessel of the phase: Disposal of the construction waste debris: 39,752.0 cu.mt Waste generation in the Pre Construction phase: Disposal of the construction waste: 39,752.0 cu.mt Waste generation in the Pre Construction phase: Disposal of the construction waste: 150 mm of top soil will be excavated and stored till construction is over. This soil would be re-laid over the open ground for green own site. Waste generation in the operation Phase: Dry waste: 696 kg/day Wet waste: 716 kg/day Hazardous waste: 5.75 kg/day Biomedical waste (If applicable): 94 kg/day Strp Sludge (Dry sludge): 45 kg/day							
drainage Quantity of storm water: 58,808.79 m3 / yearue. 1,176.18 m3 / Day considering 849.30 m average annual rain fall m 50 days. Size of SWD: As per detailed section, calculation & design requirement. Sewage and Waste water Sewage generation in KLD: 250 STP technology: SBR TEchnology Capacity of STP (CMD): Location & area of the STP: 1 no and 300 KLD capacity Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (Capital cost): 92 lakhs Solo & M cost): 15 lakhs per year Waste generation in the Pre Construction and Construction waste debris: 39,752.0 cu.mt Disposal of the construction and Construction waste: 150 mm of top soil will be excavated and stored till construction is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site. Waste generation in the operation Phase: Dry waste: 696 kg/day Wet waste: 7.16 kg/day 142ardous waste: STP Sludge (Dry slidge): 34 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.			450 KLD				
Sewage and Waste water Sewage generation in KLD: 250 STP technology: SBR TEchnology Capacity of STP (CMD): 1 no and 300 KLD capacity Location & area of the STP: STP will be installed inside the project site Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (Co & M cost): 15 lakhs per year Stream Stream Waste generation in the Pre Construction phase: Waste generation: Disposal of the construction waste debris: 39,752.0 cu.mt Disposal of the construction waste 150 mm of top soil will be excavated and stored till construction is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be each filling building blocks and rest amount will be used for other levelling a own site. Waste generation in the operation Phase: Dry waste: 696 kg/day Wet waste: 7.16 kg/day Hazardous waste(applicable): 94 kg/day STP Sludge (Dry sludge): 45 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.			58,808.79 m3 / Year i.e. 1,176.18 m3 / Day considering 849.30 mm. average annual rain fall in 50 days.				
Sewage and Waste waterin KLD:220STP technology:SBR TEchnologyCapacity of STP (CMD):1 no and 300 KLD capacityLocation & area of the STP:STP will be installed inside the project siteBudgetary allocation (Capital cost):92 lakhsBudgetary allocation (O & M cost):15 lakhs per yearSG.SOlid waste ManagementWaste generation in the Pre Construction phase:39,752.0 cu.mtIto of the construction and Construction vaste debris:150 mm of top soil will be excavated and stored till construction is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site.Waste generation plantation.716 kg/dayWet waste:716 kg/daySTP Sludge (Dry sludge):45 kg/dayOthers if any:Total Municipal solid waste will be 1412 kg/day.		Size of SWD:	As per detailed section, calculation & design requirement.				
Sewage and Waste waterin KLD:220STP technology:SBR TEchnologyCapacity of STP (CMD):1 no and 300 KLD capacityLocation & area of the STP:STP will be installed inside the project siteBudgetary allocation (Capital cost):92 lakhsBudgetary allocation (O & M cost):15 lakhs per yearSG.SOlid waste ManagementWaste generation in the Pre Construction phase:39,752.0 cu.mtIto of the construction and Construction vaste debris:150 mm of top soil will be excavated and stored till construction is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site.Waste generation plantation.716 kg/dayWet waste:716 kg/daySTP Sludge (Dry sludge):45 kg/dayOthers if any:Total Municipal solid waste will be 1412 kg/day.							
Sewage and Waste water Capacity of STP (CMD): 1 no and 300 KLD capacity Location & area of the STP: STP will be installed inside the project site Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (Capital cost): 15 lakhs per year Stree generation in the Pre Construction and Construction phase: Waste generation: 39,752.0 cu.mt Waste generation in the operation in the operation Phase: Disposal of the construction waste debris: 150 mm of top soil will be excavated and stored till construction i is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site. Waste generation in the operation Phase: Dry waste: 696 kg/day Wet waste: 716 kg/day Hazardous waste: 5.75 kg/day Biomedical waste (If applicable): 94 kg/day STP Sludge (Dry sludge): 45 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.			250				
Sewage and Waste water (CND): Prior and 300 KED capacity Location & area of the STP: STP will be installed inside the project site Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (O & M cost): 15 lakhs per year Seven and Construction and Construction phase: Waste generation: Disposal of the construction waste debris: 39,752.0 cu.mt Vaste generation in the operation in the operation Phase: Disposal of the construction waste debris: 150 mm of top soil will be excavated and stored till construction is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site. Waste generation in the operation Phase: Dry waste: 696 kg/day Wet waste: 716 kg/day Hazardous waste: 5.75 kg/day Biomedical waste (If applicable): 94 kg/day STP Sludge (Dry sludge): 45 kg/day		STP technology:	SBR TEchnology				
Waste water Location & area of the STP: STP will be installed inside the project site Budgetary allocation (Capital cost): 92 lakhs Budgetary allocation (O & M cost): 15 lakhs per year 36.Solid waste Management Waste generation in the Pre Construction and Construction phase: 39,752.0 cu.mt Uwaste generation in the operation in the operation Disposal of the construction waste debris: Vaste generation in the operation Disposal of the construction waste: Budgetary waste: 696 kg/day Vet waste: 716 kg/day Hazardous waste: 5.75 kg/day Biomedical waste (If applicable): 94 kg/day STP Sludge (Dry sludge): 45 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.	Sowago and		1 no and 300 KLD capacity				
(Capital cost):92 lakitsBudgetary allocation (O & M cost):15 lakhs per year36.Solid waste ManagementWaste generation in the Pre Construction and Construction phase:Waste generation:39,752.0 cu.mtDisposal of the construction waste debris:150 mm of top soil will be excavated and stored till construction i is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site.Waste generation phase:Dry waste:696 kg/dayWet waste:7.16 kg/dayHazardous waste:5.75 kg/dayBiomedical waste (If applicable):94 kg/daySTP Sludge (Dry sludge):45 kg/dayOthers if any:Total Municipal solid waste will be 1412 kg/day.	-		STP will be installed inside the project site				
Its lakes per year 36.Solid waste Management 36.Solid waste Management Waste generation in the Pre Construction and Construction waste debris: 39,752.0 cu.mt Iso mo f top soil will be excavated and stored till construction plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site. Waste generation in the operation phase: Dry waste: 696 kg/day Wet waste: 716 kg/day Hazardous waste: 5.75 kg/day Biomedical waste (If applicable): 94 kg/day STP Sludge (Dry sludge): 45 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.			92 lakhs				
Waste generation in the Pre Construction and Construction phase:Waste generation:39,752.0 cu.mtDisposal of the construction waste debris:Disposal of the construction waste debris:150 mm of top soil will be excavated and stored till construction is is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site.Waste generation in the operation Phase:Dry waste:696 kg/dayBiomedical waste: strplicable):5.75 kg/daySTP Sludge (Dry sludge):94 kg/dayOthers if any:Total Municipal solid waste will be 1412 kg/day.			15 lakhs per year				
Waste generation in the Pre Construction and Construction phase:Disposal of the construction waste debris:150 mm of top soil will be excavated and stored till construction is is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site.Waste generation in the operation Phase:Dry waste:696 kg/dayBiomedical waste sugge):5.75 kg/dayBiomedical waste (If applicable):94 kg/daySTP Sludge (Dry sludge):45 kg/dayOthers if any:Total Municipal solid waste will be 1412 kg/day.		36.Solie	d waste Management				
Waste generation in the Pre Construction and Construction phase:Disposal of the construction waste debris:150 mm of top soil will be excavated and stored till construction is is over. This soil would be re-laid over the open ground for green plantation, landscaping etc. And 37,326 cu.mt will be earth filling building blocks and rest amount will be used for other levelling a own site.Waste generation in the operation Phase:Dry waste:696 kg/dayWet waste:716 kg/dayBiomedical waste (If applicable):94 kg/daySTP Sludge (Dry sludge):45 kg/dayOthers if any:Total Municipal solid waste will be 1412 kg/day.	GY	Waste generation:	39,752.0 cu.mt				
Waste generation in the operation Phase: Wet waste: 716 kg/day Biomedical waste (If applicable): 94 kg/day STP Sludge (Dry sludge): 45 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.	the Pre Construction and Construction	Disposal of the construction waste	150 mm of top soil will be excavated and stored till construction process is over. This soil would be re-laid over the open ground for green areas, plantation, landscaping etc. And 37,326 cu.mt will be earth filling in building blocks and rest amount will be used for other levelling at our				
Waste generation in the operation Phase: Wet waste: 716 kg/day Biomedical waste (If applicable): 94 kg/day STP Sludge (Dry sludge): 45 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.		Dry waste:	696 kg/day				
waste generation Biomedical waste (If applicable): 94 kg/day Phase: STP Sludge (Dry sludge): 45 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.	in the operation	Wet waste:					
in the operation Biomedical waste (If applicable): 94 kg/day Phase: STP Sludge (Dry sludge): 45 kg/day Others if any: Total Municipal solid waste will be 1412 kg/day.		Hazardous waste:	5.75 kg/day				
STP Sludge (Dry sludge):45 kg/dayOthers if any:Total Municipal solid waste will be 1412 kg/day.			94 kg/day				
			45 kg/day				
Signature: 18		Others if any:					
Joy S.Thakur (Secretary SEAC-III)SEAC Meeting No: 103 Meeting Date: February 13, 2020Page 98 of 170Shri. Anil Kale (Chairi SEAC-III)			o: 103 Meeting Date: February Page 98 Shri. Anil Kale (Chairman				

	Dry waste:			Dry waste will be handing over to authorized agency SWaCH COOPERATIVE							
		Wet waste	:	Wet waste	will be treate	ed in OWC, v	vhich is prop	osed at our project.			
Mode of	Dienocal	Hazardous	waste:	waste: Hazardous waste will be handing over to authorized agency MEPL							
applicable		l waste (If):	waste (If The Bio medical waste will be handing over to authorize agency PASSCO.								
		STP Sludg sludge):	e (Dry	STP dry slu manure.	ldge will be u	ised for hort	iculture purp	pose and used as a			
		Others if a	ny:	E-waste – 9.75 kg/day							
		Location(s):	As per proj	ect layout pla	an.					
Area requirem	ent:	Area for th of waste & material:		14 m2							
		Area for m	achinery:	44 m2							
	allocation	Capital cos	st:	16.75 lakhs	6						
(Capital co O&M cost)		O & M cos	t:	4.4 lakhs p	er year)			
		I	37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	eters Unit		Effluent terestics		Effluent cerestics	Effluent discharge standards (MPCB)			
1	Р	H	NA	6.0	-8.5	6.5	-8.5	NA			
2	BC	DD	mg/lit	250	-350	<	10	Not exceed 10			
3	CC	DD	mg/lit	750	-800	<	60	Not exceed 60			
4	TS	SS	mg/lit	250	-300	<10		Not exceed 10			
Amount of e (CMD):	effluent gene	eration	18 KLD	KLD							
Capacity of	the ETP:		25 KLD								
Amount of t recycled :	reated efflue	ent	0 KLD, but	LD, but 16 KLD of treated effluent will be discharged to sewer line							
Amount of v	water send to	o the CETP:	NA	7							
Membershi	p of CETP (if	f require):	NA								
Note on ET	P technology	v to be used	ETP techno	ETP technology - Physico-Chemical Treatment							
Disposal of	the ETP sluc	lge	ETP sludge	TP sludge will be handing over to authorized agency MEPL							
		6	38.Ha	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	EŢP S	Sludge	5.75	kg/ day	0	5.75	5.75	Handing over to authorized agency MEPL			
			39.St	acks em	ission De	etails					
Serial Number	Section	& units		ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			
1	DG	sets	200 lite	er/hour	2	6 meter above the nearest highest building.	0.412	536			

Joy S. Thakur Joy S. Thakur Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February		Name: Kart Amir D Signature: Journal
SEAC-III)	13, 2020	of 170	SEAC-III)

			40. I	Details of	Fuel	to be use	ed		
Serial Number	Тур	oe of Fuel		Existing		Prop	osed	Total	
1		Diesel		NA		As pe requir		As per the requirement	
41.Source of	of Fuel		Fu	el supplier or l	Dealer			I	
42.Mode of	Transportat	ion of fuel t	o site HI	PE containers	s or dru	ms			
			•						
		Total RG	area :	15, 484.30	SQM				
		No of tree :	es to be cu	1 t 97					
43.Gree	n Belt	Number o be plante	of trees to d :	71 (trees t	o be ret	tained) + 22	31 (trees	to be planted) = 2302 nos.	
Develop	oment	List of pronul in the second s		Bambox in	signe, (inophyllu	n procera, Alstonia scholaris, um, Dalbergia lanceolaria, ima	
		Timeline completion plantation	on of	1-2 years				20	
	44.Nu	mber an	d list o	f trees spe	ecies	to be pla	nnted i	in the ground	
Serial Number	Name of	the plant	Com	non Name		Quantity		Characteristics & ecological importance	
1	Manikaı	ra zapota	(Chikoo		85 nos.		Tropical fruit tree & bird attracting tree	
2	Michelia	champaca	C	Champa		115 nos.		Evergreen timber plant, ornamental	
3	Mimusor	oes elengi		Bakul		155 nos.		Evergreen tree, timber yielding and medicinal plant	
4	Ficus be	enjamina	We	Weeping fig		90 nos.]	Evergreen & bird attracting tree	
5	Cassia	fistula	Gold	Golden shower		170 nos.		Drought tolerant, ornamental & medicinal plant	
6	Butea mo	nosperma	Fla	Flame tree		134 nos.		Used in pesticide & dye preparation	
7	Cassia	grandis	Pin	Pink shower		110 nos.		Drought tolerant, ornamental & medicinal plant	
8	Saraca	indica	Sit	Sita ashok		173 nos.		Evergreen medicinal plant	
9		lea regia	Ro	yal palm	95 nos.]	Nitrogen fixer, ornamental plant	
10	Syzygiu	m cumini	Ja	mbhul	ohul 90 nos.			Fruit tree & bird attracting	
11	Neolamark	ia cadamba	Kada	amba tree		98 nos.		Tropical fruit tree & bird attracting tree	
12	Mangife	ra indica	Ma	ngo tree		84 nos.]	Evergreen & bird attracting tre	
13	Pongami	a pinnata	1	Karanj		154 nos.	ł	Karanj is an important ayurvedic medicine	
14	Phyllanthu	s officinalis		Awala		168 nos.		Evergreen medicinal and fruit plant	
15	Psidium	guajava	lajava Pe			125 nos.		Fruit tree	
16	Azadirac	hta Indica		Neem	210 nos.			Traditional medicinal Plant	
17 Albizia lebbeck		5	bhirish	hirish 175 nos.			Evergreen timber plant, ornamental		
45	5.Total qua	ntity of pla	nts on gro	ound			-		
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III) SEAC Meeting No: 103 Meeting 13, 2020				ng Date	e: February	Page 1 of 1			

Serial Number	Name	C/C Distance	Area m2
1	Duranta erecta	0.45m	667.34 sq. m.
2	Duranta repens	0.45m	667.34 sq. m.
3	Oleander pink	0.45m	667.34 sq. m.
4	Oleander red	0.45m	667.34 sq. m.
5	Oleander white	0.45m	667.34 sq. m.
6	Tecoma castanifolia	0.45m	667.34 sq. m.
7	Tagar miniature	0.45m	667.34 sq. m.
8	Tabernaemontana variegated	0.45m	667.34 sq. m.
9	Plumbago auriculata	0.45m	667.34 sq. m.
10	Cassia biflora	0.45m	667.34 sq. m.
11	Bouigainvellea glabra	0.45m	667.34 sq. m.
12	Golden trumpet	0.45m	667.34 sq. m.
13	Lagestromia indica	0.45m	667.34 sq. m.
14	Hamelia patens	0.45m	667.34 sq. m.
15	Tecoma stanse	0.45m	667.34 sq. m.
16	Acalypha wikesiana	0.45m	667.34 sq. m.
17	Cortaderia selloana	0.45m	667.34 sq. m.
18	Dianella australiana	0.45m	667.34 sq. m.
19	Tagetes erecta	0.45m	667.34 sq. m.
20	Tecoma capensis	0.45m	667.34 sq. m.
21	Galphimia glauca	0.45m	667.34 sq. m.
22	Revenia spectabilis	0.45m	667.34 sq. m.
23	Revenia spectabilis	0.45m	667.34 sq. m.
		0.45m 0.45m 0.45m 47.Energy	



		Source of power	Mahanashtua Ctata	Electricity Distribution Company Limited (MCEDOL)		
		supply :	Manarashtra State	Electricity Distribution Company Limited (MSEDCL)		
		During Construction Phase: (Demand Load)	46 KW			
		DG set as Power back-up during construction phase	62.5 KVA			
		During Operation phase (Connected load):	2926 KW			
	wer ement:	During Operation phase (Demand load):	1761 KW			
		Transformer:	1000 KVA - 2 Nos.7	Fransformers		
		DG set as Power back-up during operation phase:	160 KVA - 01 no. for Common Load & 750 KVA - 02 nos. for Project.			
		Fuel used:	Fuel type – Disel 160 KVA - 30 - lit/hr, Stack Height - 5.22 m. 750 KVA - 132 - lit/hr, Stack Height - 8.47m.			
		Details of high tension line passing through the plot if any:	NA			
		48.Energy savi	ng by non-con	ventional method:		
? High effic ? Electronic general ligh	iency transf Ballasts an nting with au	itomatic time based conti	ource either triposp rol to save power by	luce the losses. here or LED are proposed for common area & switching ON & OFF the lights at appropriate time. due to adopting above measures.		
		49.Detail	calculations &	x % of saving:		
Serial Number	E	Energy Conservation M	easures	Saving %		
1	Complia	nce with ECBC of BEE sh	hall be ensured	Yes		
2	Outdoor	and common area lightin	ng shall be LED	0.4%		
3	CFL/LED f	or lighting the area outsi	de of the building	0.4%		
4		Solar panel installation		5%		
5		Total of all Savings (per	year)	140723 KWH / Annum (5.8 %)		
		50.Details	of pollution co	ontrol Systems		
Source		Existing pollution cont	trol system	Proposed to be installed		
DG sets	9	NA		Acoustic enclosure, stack should be kept as per the CPCB norms		

DG sets	NA	CPCB norms
Waste water	NA	STP should be installed-SBR technology
Effulent generation	NA	ETP shall be installed - Physico-Chemical Treatment
solid waste generation	NA	OWC
Non bio- degradable waste	NA	Dry waste handing over to SWACH COOPERATIVE. Bio medical waste handing over to PASCO. Hazardous waste handing over to MEPL.

Joy S. Thakur Jay S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 102	Name: Kare Api D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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Budgetary (Capital	allocation	Capital co	ost:	: =92+16.75=108.75 lakhs						
O&M		0 & M co	st:	=15+4.4=19.4 lakhs						
51	.Envir	onmen	tal Mar	nagen	ient p	olan Bu	udgetary	v Alloca	ation	
		a)	Construe	ction p	hase (v	vith Bre	ak-up):			
Serial Number	Attri	butes	Para	meter		Total (Cost per annu	m (Rs. In I	Lacs)	
1	Erosion	Control	Dust o measures, I	control barricadin	ıg		Rs 2,00,	000		
2	Site	safety		ets, safety ments			Rs 2,50,	000		
3	Site sa	nitation	Toilets and for lab	cleanlines	ss		Rs 1,50,	000		
4		tion and checkups	monitoring labourers a				Rs 1,00,	000		
5		nmental toring		ter, soil toring			Rs 1,00,	000		
]	o) Operat	ion Pha	ase (wi	th Brea	k-up):			
Serial Number	Comp	onent	Descr	ription	Cap	ital cost Rs Lacs		tional and ost (Rs. in	Maintenance Lacs/yr)	
1	S	TP		on of 300 apacity		92 lakhs		15 lakhs		
2	E	TP	Installation capa	n of 25 KLI acity	D	12.6 Lakhs		1.62 lakhs		
3		n belt opment	Plantation of law	of trees an wn	ıd	40 lakhs		10 lakhs		
4	RWI	I pits	internal p	piping, pits		20 lakhs		32 thousand		
5		v saving sures		tion and ation	20 lakhs			0.4 lakhs		
6		waste gement	bins, c	tation and covers, wer etc.,	vers, 16.75 lakhs			4.4 thousand		
7		nmental toring	Air, water, monit	, soil, noise toring	e	2 lakhs		1 lakhs		
51.S	torage	of che	micals			_	osive/ha	zardou	s/toxic	
				subs	tance	es)				
				Storago	Maximum Quantity of	Consumption				
Descrij	ption	Status	Location		Storage Capacity in MT	Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
NA	A	NA	NA		NA	NA	NA	NA	NA	
			52.A	ny Oth	er Info	ormation	1			
No Informa	tion Availab	le								
			53.	Traffic	Mana	gement				

Joy S. Thakur		Name: Kare Amin D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	SEAC-III)

	Nos. of the junction to the main road & design of confluence:	2
	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	11860.25 sq.m
	Area per car:	25 sqm
	Area per car:	25 sqm
Parking details:	Number of 2- Wheelers as approved by competent authority:	860
	Number of 4- Wheelers as approved by competent authority:	263
	Public Transport:	NA
	Width of all Internal roads (m):	9 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)-Building and construction project as per the EIA notification 2006
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
9	Date of online submission	24-06-2019
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	

Joy S. Thakar			Name: Kort Amil D
Thaten			Signature: Jo-la-
oy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 104	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Ground water parameters	-		
Solid Waste Management	-		
Air Quality & Noise Level issues	-		
Energy Management	-		
Traffic circulation system and risk assessment	-		
Landscape Plan	-		
Disaster management system and risk assessment	-		
Socioeconomic impact assessment	-		
Environmental Management Plan	-		
Any other issues related to environmental sustainability	-		
Brief information of the project by SEAC			
PP had submitted application for prior Environmental clearance for total plot area of 101171.00 m2, FSI area of 36,957.55 m2, Non FSI area of 711.28 m2 and total BUA of 37668.83 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)B2.

DECISION OF SEAC

Joy S. Thakur Shakur			Name: Kare Amir D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 105	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

During discussion following points emerged:

Sile

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

2. PP to submit detailed disaster management plan incorporating lightening arrester plan.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

Joy S. Thakur
(Joy S. Thakur (Secretary
SEAC-III)SEAC Meeting No: 103 Meeting Date: February
13, 2020Page 106
of 170Name: K and A mi) D
Signature:
Signature:
Shri. Anil Kale (Chairman
SEAC-III)
103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for "Bella Casa"

Subject: Environment Clearance for						
Is a Violation Case: No						
1.Name of Project	"Bella Casa"					
2.Type of institution	TOR					
3.Name of Project Proponent	Shri Vinay Kalbhor of M/s. Rachana Life Spaces & Shri Nitin Bhanagay of Rachana Developers					
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.					
5.Type of project	Residential and Commercial					
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental clearance obtained vide letter SEIAA-EC-0000000296 dated May 14, 2018 for built-up area of 76236.72 m2					
8.Location of the project	"Bella Casa" S. No.42/2, 42/43/44(P) & 43/1(P) of village - Sus, Taluka Mulshi, DistPune, State - Maharashtra.					
9.Taluka	Mulshi					
10.Village	Sus					
Correspondence Name:	Shri Nitin Bhanagay					
Room Number:	1229/В					
Floor:	3rd floor					
Building Name:	Rachana house					
Road/Street Name:	FC road					
Locality:	Deccan Gymkhana					
City:	Pune					
11.Whether in Corporation / Municipal / other area	PMRDA					
	Status: IOD approval in process with proposed FSI- 86,613.70 m2, Non FSI - 80,726.19 m2 & Total Built up = 1,67,339.89 m2					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Last Plan approval No.CC: BMU/858/18-19 dated 11/12/2018.					
	Approved Built-up Area: 62006.53					
13.Note on the initiated work (If applicable)	Construction initiated on site as per the EC mentioned in Sr. No. 7 above					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	63,850.00 m2					
16.Deductions	14,248.76 m2 (road and Amenity)					
17.Net Plot area	49,601.24 m2					
	a) FSI area (sq. m.): 86,613.70 m2					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 80,726.19 m2					
	c) Total BUA area (sq. m.): 167339.89					
	Approved FSI area (sq. m.): 62,006.53 m2					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 60332.57 m2					
	Date of Approval: 11-12-2018					
19.Total ground coverage (m2)	16938.24 m2					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34% on net plot area.					
21.Estimated cost of the project	2389800000					

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 107	Name: Kare Amir D Signature: Shri. Anil Kale (Chairman SEAC-III)
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	2	2.Number of	buildings & its confi	guration			
Serial number	Buildir	ng Name & number	Number of floors	Height of the building (Mtrs)			
1		EXISTING	-	-			
2	Buildin	g C + C-commercial	LG + UG +11	37.60			
3	E	Building D & E	P +07	23.85			
4		Building F	P+11	35.90			
5		Building G	P+11	35.90			
6		Building H	P+11	35.90			
7		Building J	P+11	35.90			
8		Building K	LG + UG +12	40.50			
9		Building L	LG + UG +12	40.50			
10		Building M	LG + UG +12	40.50			
11		PROPOSED	-				
12		Building A-	3P +16	55.99			
13	Buildin	g B-& B Commercial	4P +15 & Gr + Mezz. Shops + 2P +15	55.95			
14	Bu	ulding N1 + N2	4P + 15	55.95			
15		Building O	4P + 15	55.95			
16		Building Q	P +06	20.70			
17		Bungalow	P +02	9.10			
18	(Commercial 1	P + Gr. + 03	14.85			
19	(Commercial 2	P+1st +2nd + 3P +12	55.99			
23.Numbe enants an	d shops	Residential Tenements =1027 + 7 shops in C building. +5 shops in B building.+ Commercial-1 building 10 shops & 27 Offices + Commercial-2 building 2 show rooms and 48 offices. Proposed Commercial Bldg 12 shops & 11 Offices 6901Nos.					
4.Number expected r isers							
25.Tenant er hectar		135 Tenement /Ha					
6.Height uilding(s)	C''					
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)			veway and 30 m wide access road (No	earest Fire Station at Pashan 4.6 k			
xcluding	cess of from all building the width	9M					
for the plantation 29.Existing structure (s) if anyAs per earlier EC Building C, D + E, F, G, H, J, K, L, M and Club House 2 & 3 are completed Total construction Built up approved area = 76,236.72 m2							

Joy S. Thakur			Name: Kare Anii D
Thatan			Signature: Hell
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 108	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

30.Details of the demolition with disposal (If 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 Requiremen	t		
		Source of v	vater	PMRDA				
		Fresh wate	r (CMD):	512				
		Recycled w Flushing (269		0		
		Recycled w Gardening		48		3		
		Swimming make up ((09		0		
]]]]		Total Water Requirement (CMD)		838	6			
		Fire fighting - Underground water tank(CMD):		300000 Ltr. Existing + 50000 Ltr for Commercial1+200000 Ltr for Commercial2 & 300000 Ltr for proposed Residential Buildings or as per Provisional Fire NOC				
		Fire fighting - Overhead water tank(CMD):		180000 Ltr. Existing + 120000 Ltr For proposed Buildings.				
		Excess trea	ted water	316 m3/day				
		Source of v	vater	PMRDA				
		Fresh water (CMD):		512				
		Recycled water - Flushing (CMD):		269				
		Recycled water - Gardening (CMD):		0				
		Swimming make up ((09				
Wet seasor	1:	Total Wate Requireme		790				
5		Fire fightin Undergrou tank(CMD)	nd water	300000 Ltr. Existing + 50000 Ltr for Commercial1+200000 Ltr for Commercial2 & 300000 Ltr for proposed Residential Buildings or as per Provisional Fire NOC				
		Fire fightin Overhead v tank(CMD)	vater	180000 Ltr. Existing + 120000 Ltr For proposed Buildings.				
Excess treated water			364 m3/day					
Details of S pool (If any		Kids Pool :2 Main Pool: 1		5 m x 18.66 r	n & proposed 6.32 x 15.8	32		
		3	3.Detail	s of Tota	l water consume	d		
Particula rs	Cons	sumption (C	MD)		Loss (CMD)	Effluent (CMD)		

Joy S. Thakur			Name: Kare Ani) D
Thaten			Signature: Ach-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 109	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Fresh water requireme nt	290	222	512	29	22	51	261	200	461		
Domestic	147	122	269	15	12	27	132	110	242		
Gardening	35	13	48	0	0	0	0	0	0		
		Level of the water table:	Ground	Below 15 M	tr.						
		Size and no o tank(s) and Quantity:	of RWH	Not applical	ble			9			
		Location of t tank(s):	he RWH	Not applical	ble		0	~			
34.Rain V Harvestii		Quantity of r pits:		Existing 8 +	Proposed 6 =	14 Nos.					
(RWH) S		Size of recha	5 1	8 Nos. 1.501	nx3.0mx1.50m	1 & 6 nos.	2.0mx2.0mx2	2.0m.			
		Budgetary al (Capital cost):	Rs.6.30 Lakhs							
		Budgetary al (O & M cost)		KS. 0.00 Lakiis /aliiulii							
		Details of UG if any :	GT tanks	•Domestic UG tank Capacity: 650 m3 •Flushing water tank: 403 m3 •Raw Water Tank :162 m3							
		-									
35.01		Natural wate drainage pat		Slope from East to West							
35.Storm drainage	water	Quantity of s water:	torm	1.26 m3/ Sec.							
		Size of SWD:		External :- 9	900 mm, Interr	nal :- 600	mm				
		Sewage gene in KLD:	ration	703 KLD							
		STP technolo	ogy:	MBBR							
	C V	Capacity of S (CMD):	TP	Total 4 Nos. (Existing: 1 NO. 285 m3/day) + (Proposed: 1 No. 08 m3/day +1 No. $55m3/day + 1$ No. $355 m3/day$.) And Existing 70 m3/day (will be merged with 355 KLD STP)							
Sewage and Waste water		Location & a the STP:	rea of	On ground, Total Area is 379.80 m2 Existing: 285 m3/day= 116.40 m2, 70 m3/day=52.50 m2 Proposed: 08 m3/day = 38.40 m2, 55m3/day=42.50 m2, 355 m3/day=130 m2							
		Budgetary al (Capital cost		Total : Rs. 176.78 Lakhs (Existing: 285 m3/day & 70 m3/day = Rs.54.18 Lakhs), (Proposed: 08 m3/day = Rs. 10.60 Lakhs 55 m3/day=Rs. 24.00 Lakhs, 355 m3/day=Rs. 88.00 Lakhs)							
		Budgetary al (O & M cost)		Total : Rs. 40.97 Lakhs/annum (Existing: 285 m3/day & 70 m3/day = Rs. 13.40 Lakhs/annum) , (Proposed: 08 m3/day = Rs. 4.92 Lakhs/annum 55m3/day=Rs. 6.95 Lakhs,/annum 355 m3/day=Rs. 15.70 Lakhs/annum)							
		(0 & M cost)	•	Rs. 13.40 La Lakhs/annui Lakhs/annui	akhs/annum) , m 55m3/day=F	(Proposed Rs. 6.95 La	: 08 m3/day = akhs,/annum	= Rs. 4.92	-		



Serial	Decor	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
			38.H a	zardous	Waste D	etails		1	
Disposal of t	he ETP slud	lge	Not applica						
Note on ETH	01		Not applica						
Membership		=	Not applica						
Amount of water send to the CETP: Not applica									
recycled :			Not applica						
Capacity of Amount of t		ent	Not applica						
Amount of e (CMD):		eration	Not applica						
1		plicable	Not applicable	Not apj	plicable	Not app	plicable	Not applicable	
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent erestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)	
			37.Ef	fluent Cl	harecter	estics			
(Capital co O&M cost)		O & M cos	t:	Rs. 9.08 Lakhs/annum					
Budgetary		Capital co	st:	Rs. 46.50 Lakhs					
		Area for m	achinery:	For Machinery 96.50 m2, Total area- 128 m2					
Area requirem	ent:	Area for th of waste & material:		31.50 m2					
		Location(s):	On ground					
sludge): Others if any:				E waste Handed over to authorized recyclers for further handling & disposal purpose					
STP Sludg				Will be used	d as manure	0	9		
Mode of I of waste:	Disposal	Biomedica		NA					
		Hazardous	waste:	NA					
		Wet waste	•		will be treate	d in onsite o	rganic wast	e converter machines.	
		Dry waste:		Handed ove purpose	er to authoriz	ed vendor fo	or further ha	andling & disposal	
		Others if a	ny:	E-waste: 40	96 KG/YEAR			0	
Phase:		STP Sludg sludge):		35 kg/day					
in the ope		Biomedica applicable		NA					
Waste ge	neration	Hazardous	waste:	NA					
		Wet waste	:	Non-Biodeg	radable was	te: 1267 kg/o	lay		
		Dry waste:			ble waste: 17	716 kg/day			
and Constr phase:		Disposal o constructi debris:		The maxim	The maximum construction waste will be used within the site for leveling purpose and base course preparation of internal approach				
Waste generation in the Pre Construction				Construction Phase -80 No's labours , Biodegradable waste: 14 kg/day, Non-Biodegradable waste: 22 kg/ day ,Excavation Quantity 4072.42 m3 ,Reused for Filling 4227.31 m3					

Joys. Thakur			Name: Kart Anii D
Thaten			Signature: Ach
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 111	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

1	Not applicable		No applic		Not applicable	Not applicable		Not applicable	N appli		Not applicable
			39	9.St	acks em	issio	n D	etails			
Serial Number	Section	& units	Fue		ed with ntity	Stacl	x No.	Height from ground level (m)	Inte diam (n	eter	Temp. of Exhaust Gases
1	82.50 KVA + Proposed		f 32+1	or Ex 6+5=	= 69 lit/hr. isting = 53 lit/hr. pposed	6	5	4.5 m	0.2	10	450 oC
			40	.De	tails of H	uel	to be	e used			0
Serial Number	Туг	oe of Fuel			Existing			Proposed			Total
1		Diesel			69 lit/hr.			53 lit/hr.			122 lit/hr.
41.Source of	of Fuel]	Local	Dealer						
42.Mode of	Transportat	ion of fuel to	site 1	By Ro	ad						
		Total RG a			5835.44 m2	2					
		No of trees	s to be	to be cut Nil							
		· Number of be planted		HVICTING / b / NOC I Proposed /86 noc							
Develop	ment		List of proposed native trees :			Refer Below list:					
		Timeline f completion plantation	n of	of Till operation phase							
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in t	the g	ground
Serial Number	Name of	the plant	Cor	mmo	mon Name Quantity			ntity	Cha		eristics & ecological importance
1	Exis	sting						-	-		-
2	Michelia	champaca	Sonchafa			7	1	Evergreen tree with yell fragrant flowers			
3	Mimusoj	pes eleng		Bakul			11	19	Evergreen tree with sma fragrant flowers		
4	Ficus be	enjamina	W	Veepi	ng Fig		9	1			read, highly branching vergreen tree
5	Roystor	nia regia	I	Royal	Palm		12	21	Ornamental Plant		namental Plant
6		ia scholaris		Sapt	parni		1	8	Evergreen tropical tree		reen tropical tree
7		Spathodia Afr campanulata		African Tulip Tree			3	2	Orange flowering tropical t		lowering tropical tree
8	Prop	oosed						-			-
9	Manikaı	ra zapota		Chi	koo		6	1	,		al fruit tree & bird ttracting tree
10	Michelia	champaca		Cha	mpa		2	2		Everg	reen timber plant, ornamental

Joy S. Thakur Jahun Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020		Name: Kare Amir D Signature: Accord Shri. Anil Kale (Chairman SEAC-III)
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11	Mimusop	es elengii	Ba	kul	2	Evergreen tree, timber yielding and medicinal plant	
12	Ficus be	enjamina Weepin		ing Fig	15	Evergreen & bird attracting tree	
13	Cassia	fistula	Golden	Shower	27	Drought tolerant, ornamental & medicinal plant	
14	Butea mo	nosperma	Flame	e Tree	22	Used in pesticide & dye preparation	
15	Ficus ben	ghalensis	W	ad	1	Evergreen tree with large canopy and small red fruits	
16	Ficus r	eligiosa	Pin	npal	1	Evergreen tree with large canopy	
17	Royston	lia regia	Royal	l Palm	28	Fruit tree & bird attracting	
18	Syzygiar	n cumini	Jam	bhul	41	Tropical fruit tree & bird attracting tree	
19	Neolamark	ia cadamba	Kadam	ba Tree	15	Evergreen & bird attracting tree	
20	Mangife	ra indica	Mang	o Tree	1	Fruit tree & bird attracting	
21	Albizia	lebbeck	Shi	rish	17	Medicinal tree with small leaves	
22	Azadiracl	nta indica	Ne	em	11	Natural herb known for its pesticidal and insecticidal properties	
23	Caryot	a Mitis	Fishta	il Palm	22	Ornamental Tree	
45	5.Total qua	ntity of plan	ts on grou	nd			
46.Nun	nber and	list of sh	rubs an	d bushes	s species t	o be planted in the podium RG:	
Serial Number		Name		C/C Dista	ince	Area m2	
1	Not	applicable		Not applic	able	Not applicable	
				47.Eı	nergy		
		Source of p supply :	oower	MSEDCL.			
		During Cor Phase: (De Load)		20 KW			
		back-up du	G set as Power ack-up during onstruction phase		25.0 KVA		
		During Ope phase (Con load):		6338.82 kW			
_	Power requirement: During Oper phase (Dema load): Transformer DG set as Po back-up dur operation ph			3519.21 kV	A		
			er:			los. 630 KVA +1 No. 200 KVA) , Proposed KVA and 1 No. 315 KVA) Total: 8 Nos.	
			ring		3 Nos. (1 No.	60 KVA+1 No.125 KVA+1 No. 82.50 KVA) + 180 KVA & 1 No. 82.5 KVA & 1 no. 25 KVA)	
		Fuel used:		122 lit./hr.	@ 75 % Load ,	Stack Height- 4.5 m above bldg.	
		Details of h tension line through the any:	e passing	NA			

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020		Name: Kare Ami D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
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48.Energy saving by non-conventional method:

Total Energy saving by using energy saving measures Using LED lights instead of T8 fluorescent lights VFD's on Lifts BEE star rated Equipment Using High efficient pump solar pv Panel Solar Hot water

		4	9.Detail	calculations	& % of saving:		
Serial Number	Fnergy Conservation Measures				Saving %		
1	Com	mon Area Lig	ghting using	LED Lights	Existing 35332.00 KWH + Proposed-24057.88 kW		
2	Lands	cape Area L	ighting using	J LED Lights	Existing-1518.40 KWH + Proposed- 949 kWH		
3	Stree	t Lighting us	sing LED Lig	hts & Timer	Existing- 7708.80 KWH +Proposed- 4818.00 kWH		
4		Energy s	aving by Gey	ser	Existing- 272289.000 KWH +Proposed- 297600.00 kWH		
5		S	Solar PV		Existing- 00 + Proposed- 49600 kWH		
6	Total I		ng by using e leasures-	nergy saving	Existing- 8331.78 kWH (9.44%) + Proposed 9616.20 kWH (9.70%)		
		50	.Details	of pollution	control Systems		
Source	Ex	isting pollu	ition contro	l system	Proposed to be installed		
Waste Water	STP - 1 No		y, 70 m3/day 5 m3/day STI	(will be merged ?))	1 No. 08 m3/day +1 No. 55 m3/day + 1 No. 355 m3/day.		
Soild Waste	0	WC - 1 No. 1	000 Kg/Day	Capacity	1 NO. of 750 Kg/ day Capacity		
Budgetary allocation Capital cost: Rs. 106.93 Lakhs				5			
	cost and cost):	O & M cos	t:	Rs. 2.15 Lakhs/a	nnum		
51	.Enviro	onment	tal Mar	agement	plan Budgetary Allocation		
		a)	Construc	tion phase	(with Break-up):		
Serial Number	Attri	butes	Parar	neter	Total Cost per annum (Rs. In Lacs)		
1	Air Envi	ronment	Erosion con suppression barrica Moniton Tes	ding & ring and	Rs. 1.08 Lakhs		
2	Water Environment Tanke Water To Drinking v		ion work , 'esting ,	Rs.3.70Lakhs			
3	Land Env	vironment	Labour t sanit		Rs.3.00 Lakhs		
4		ogical onment	Top Soil Pr	reservation	Rs.6.8 Lakhs		
5		conomic nment	Control,	tion- Pest First Aid s, Health k Up	Rs. 3.00 Lakhs		



	Solution Solutity and ity and ity andity and ity and ity andity and ity and ity										
No Informa	ation Available	e	52	Traffic	Man	2007	nont				
	5		52.A	ny Otł	ner In	form	nation	1			
Not app					Not applicab	Not Not Not ar		applicable Not applicable		Not applicable	
Descri	Description Status		Location Ca		Storage Capacit in MT	pacity storage / M		sumption fonth in MT Supply		Means of transportation	
				subs	stand	-					
51.S	Storage	of che	micals				_	osiv	/e/haz	zardou	s/toxic
8	Environ Monit			nmental toring		00 12.42 (Completed - 5.65 + Proposed-6.77)					
7	Lightening	g Arrestor	Lightenin 10-1	g Arresto Nos.	or	1.20			0.01		
6	Swimmi	ng Pool	Swimm	ing Pool		54.75 ((Completed - 27.15 + Proposed-27.60)		5.00 (Completed - 2.65 + Proposed-2.35)			
5	Energy	Saving		saving sures		106.93 (Completed - 36.89 + Proposed-70.04)		2.15 (Completed - 0.75 + Proposed-1.4)			
4	Rain Water	Harvesting	Rechar	rge Pits			pleted - sed-2.7		0.6	0 (Complete Proposed-	
3	Landso	caping	1	nent and enance		46	complete .62 + ed-21.56		7.5	6 (Complete Proposed	
2	Solid V Manag		OV	VC		25	Complet .75 + sed-20.7		9.0	8 (Complete Proposed	
1	Sewage T Pla			MBBR nology		54	Complet .18 + ed-122.6		40.9	97 (Complet Proposed-2	
Serial Number	Comp	onent	Descr	iption	Ca	-	cost Rs .acs	. In	-	tional and ost (Rs. in	Maintenance Lacs/yr)
b) Operation Phase (with Break-up):											
7	Enviro: Manag			ronment Rement cell			Rs.1.00 La	akhs			
6	Safety T		ent , For tors and	R			ts. 1.70 Lakhs				



	Number and area of basement:	NA					
	Number and area of podia:	03 No's					
	Total Parking area:	26949.60 m2					
	Area per car:	Covered 30.00 m2 and Op	nd Open 25 m2 with drive way				
	Area per car:	Covered 30.00 m2 and Open 25 m2 with drive way					
Parking details:	Number of 2- Wheelers as approved by competent authority:	1836 Nos.					
	Number of 4- Wheelers as approved by competent authority:	701 Nos.					
	Public Transport:	local transport facility					
	Width of all Internal roads (m):	6 m. wide internal road ar	nd 9 m. turning radius will be provided.				
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	8(a) B1 Building & Construction Project					
	Court cases pending if any	Not any					
	Other Relevant Informations	-					
	Have you previously submitted Application online on MOEF Website.	Yes					
	Date of online submission	14-10-2019					
	TOR S	Suggested Cha	nges				
Consolidated Stateme Point Number	nt Origin	al Remarks	Submitted Changes				
3 -Name of Project proponent-	Shri Ni	tin Bhanagay	Shri Nitin Bhanagay for Rachana Life Spaces & Rachana Developers (Joint Development)				
11- Whether in corporation/Municipal/ot area	her Pune Minicipa	l Corporation (PMC)	PMRDA				
21-Estimated cost of th project	le 257	76700000	2389800000				
22-No. of buildings & it configuration	ts Bu	ulding N	Building N1+N2				

Joy S. Thakur Shalew			Name: Kare Amin D Signature:
	SEAC Meeting No: 103 Meeting Date: February		
SEAC-III)	13, 2020	of 170	SEAC-III)

29-Existing structure if any		As per earlier EC Building C, D &E, F, G, H, J, K, L, M and Club House 2 & 3 are completed. Total construction Built up approved area = 76,236.72 m2	As per earlier EC Building C, D &E, F, G, H, J, K, L, M and Club House 2 & 3 are completed. Total construction Built up approved area = 76,005.21 m2		
35-Storm water drainage		Qty. of storm water= 1.26 m3/sec.	ncremental Ruoff Qty. of storm water= 0.46 m3/sec.		
37-Solid waste manageme	ent	Area requirement= 122 m2	Total Area requirement= 128 m2 with machinery		
48-Energy		DG set as power back up during operationsl phase: EXISITNG 3 Nos. +PROPOSED 1 No. 180 KVA & 1 No. 82.5 KVA & 1 no. 25 KVA	DG set as power back up during operationsl phase:Existing - 1 No. 160 KVA+1 No.125 KVA+1 No. 82.50 KVA and proposed 1 No. 180 KVA & 1 No. 82.5 KVA &1 No. 25 KVA		
SEAC 1	DI	SCUSSION ON ENVIRON	MENTAL ASPECTS		
Environmental Impacts of the project	-		09		
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	-	G			
Socioeconomic impact assessment	-				
Environmental Management Plan					
Any other issues related to environmental sustainability	-				
	Br	ief information of the pro	ject by SEAC		



PP had submitted application for prior Environmental clearance stating details below:

Total Plot Area (m2)	63,850.00
Deductions (m2)	14,248.76 m ² (road and Amenity)
Net Plot area (m2)	49,601.24 m ²
Proposed FSI area (m2)	86,613.70 m ²
Proposed non-FSI area (m2)	80,726.19 m ²
Proposed TBUA (m2)	1,67,339.89 m ²
TBUA (m2) approved by Planning Authority till date	1,67,339.89 m ² as per IOD.
Ground coverage (m2) & %	16,938.24 m ² (34%)
Total Project Cost (Rs.)	Rs. 106.40 Crores (Completed: Rs. 132.58 Cr. +Proposed Rs.106.40 Crores & Total Project cost 238.98 Crore.)

Building (Existing)	Configuration	Height (m)	Building (Proposed)	Configuration	Height (m)
Building C + C- Commercial	LG + UG +11	37.60	Building A-	3P +16	55.99
Building D & E	P +07	23.85	Building B + B Commercial	4P +15 & Gr + Mezz. Shops +2P+15	55.95
Building F	P+11	35.90	Building N1+N2	4P + 15	55.95
Building G	P+11	35.90	Building O	4P + 15	55.95
Building H	P+11	35.90	Building Q	P +06	20.70
Building J	P+11	35.90	Bungalow	P +02	9.10
Building K	LG + UG +12	40.50	Commercial 1	P + Gr. + 03	14.85
Building L	LG + UG +12	40.50	Commercial 2	P+1st +2nd + 3P +12	55.99
Building M	LG + UG +12	40.50	Club House	P+2	10.80
Club House 2& 3	Gr./ G+1				

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

Joy S. Thakur		Name: Kore Amir D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	 Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	SEAC-III)

DECISION OF SEAC

During discussion following points emerged:

1. Noise levels at site are exceeding the norms for residential zone. PP to provide suitable mitigation measures.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for Expansion of Proposed Residential & Commercial project "Sukhwani Panaroma" S. no. 85, Near Nissan Service center, Pashan Sus road, Pune by M/s. Sukhwani Life spaces.

	i distati Sus rodu, i une by 14/3. Sukriwani Life Spaces.			
Is a Violation Case: No				
1.Name of Project	Expansion of Proposed Residential & Commercial project " Sukhwani Panaroma" S. no. 85, Near Nissan Service center, Pashan Sus road, Pune by M/s. Sukhwani Life spaces.			
2.Type of institution	Private			
3.Name of Project Proponent	Mr. Vicky Sukhwani			
4.Name of Consultant	Ms. Sayali Jagtap (Approved EIA Coordinator)- J M Environet Pvt Ltd			
5.Type of project	Residential & Commercial 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. Environment clearance letter vide no. SEAC-2013/CR-369/TC-2 dated 21st September, 2016.			
8.Location of the project	S. no. 85, Near Nissan Service center, Pashan Sus road, Pune			
9.Taluka	Haveli			
10.Village	Sus			
Correspondence Name:	Mr. Ajit Paranjape			
Room Number:				
Floor:				
Building Name:				
Road/Street Name:	-			
Locality:	S. no. 85, Near Nissan Service center, Pashan Sus road, Pune			
City:	Pune			
11.Whether in Corporation / Municipal / other area	PMRDA			
	Received			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Received			
	Approved Built-up Area: 46381.74			
13.Note on the initiated work (If applicable)	Building C, D, club house , amenity building are completed as per earlier EC received			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA			
15.Total Plot Area (sq. m.)	16600 sq. m			
16.Deductions	3415.03 sq. m			
17.Net Plot area	13184.97 sq. m			
18 (a).Proposed Built-up Area (FSI &	a) FSI area (sq. m.): 20907.26 sq. m			
10 (a). Proposed Duilt-up Area (rSi &	b) Non FSI area (sq. m.): 25474.48 sq. m			
	b) Non FSI area (sq. m.): 254/4.48 sq. m			
	b) Non FSI area (sq. m.): 25474.48 sq. m c) Total BUA area (sq. m.): 46381.74			
Non-FSI)				
Non-FSI) 18 (b).Approved Built up area as per	c) Total BUA area (sq. m.): 46381.74			
Non-FSI) 18 (b).Approved Built up area as per	c) Total BUA area (sq. m.): 46381.74 Approved FSI area (sq. m.): 20907.26 sq. m			
Non-FSI) 18 (b).Approved Built up area as per DCR	 c) Total BUA area (sq. m.): 46381.74 Approved FSI area (sq. m.): 20907.26 sq. m Approved Non FSI area (sq. m.): 25474.48 sq. m 			
Non-FSI) 18 (b).Approved Built up area as per DCR 19.Total ground coverage (m2) 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	 c) Total BUA area (sq. m.): 46381.74 Approved FSI area (sq. m.): 20907.26 sq. m Approved Non FSI area (sq. m.): 25474.48 sq. m Date of Approval: 01-01-1900 			

22.Number of buildings & its configuration

Joy S. Thakur That			Name: Kare Ani D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 120	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Serial number	Buildin	ıg Name & n	umber	Nu	mber of floor	s	Height of the building (Mtrs)
1		Building A		3 Pa	rking + 12 floo	ors	44.65 m
2		Building B			king + 14 floor	ſS	44.65 m
3		Building C		Par	king + 12 floor	ſS	39.15 m
4		Building D		Par	king + 12 floor	ſS	39.15 m
5	Amenit	y Building (C	omm.)	LI	P+UG+5 floors		22.55 m
6		Club house			G + 1		8.07 m
23.Number tenants an		Residential : Amenity buil		.)			
24.Number expected r users		Residential :	1410 Amen	ity building	(comm.) : 406		0
25.Tenant per hectar		176.25/Ha					
26.Height building(s)							03
27.Right of (Width of the from	the road nearest fire the The project has access from existing road						
for easy ac fire tender movement around the	28.Turning radius for easy access of fire tender movement from all around the building excluding the width						
29.Existing structure (Building C, I	D, club hous	e , amenity l	ouilding are co	mpleted as	per earlier EC received
demolition disposal (I	30.Details of the demolition with disposal (If applicable) NA						
			31.P	roduct	ion Deta	ails	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not ap	plicable	Not app	licable	Not applie	cable	Not applicable
	32.Total Water Requirement						



		Source of	water	Sus Grampa	anchayat					
		Fresh wate	er (CMD):	135.02						
		Recycled w Flushing (73.60						
		Recycled w Gardening		11.24						
		Swimming make up (0						
Dry seasor	1:	Total Wate Requireme :		219.86						
		Fire fightin Undergrou tank(CMD)	ind water	200				0		
		Fire fightin Overhead tank(CMD)	water	20 (each building)						
		Excess trea	ated water	84.14						
		Source of	water	Sus Grampa	anchayat					
		Fresh wate	er (CMD):	135.02						
	Recycled water - Flushing (CMD):			73.60						
		Recycled w Gardening		0						
		Swimming make up (0						
Wet seaso	n:	Total Wate Requireme :		208.62						
		Fire fightin Undergrou tank(CMD)	ind water	200						
		Fire fightin Overhead tank(CMD	water	20 (each bu	ilding)					
		Excess trea	ated water	95.38						
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	

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 122	Name: Kart Ami) D Signature: Ami) D Shri. Anil Kale (Chairman SEAC-III)
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	Level of the Ground water table:	Summer Season - 17.50 m. to 22.50 m. BGL. (20.00 M. Average) Rainy Season - 6.00 m. to 10.00 BGL. (8.00 M. Average) Winter Season - 11.75 m. to 16.25 m. BGL. (14.00 M. Average)			
	Size and no of RWH tank(s) and Quantity:	NA			
	Location of the RWH tank(s):	NA			
34.Rain Water	Quantity of recharge pits:	Total 09 no's. (Existing 7 Nos. + Proposed 2 No.)			
Harvesting (RWH)	Size of recharge pits :	Existing : 1.5 x 1.5 x 1.5 m Proposed : 2.0 m. X 2.0 m. X 1.75 m. Depth with 50 to 60 m. Deep 6" Dia. Bore Well via 2 No. of de-siltation pits of 0.9 m. Dia. 1.0 m. Deep			
	Budgetary allocation (Capital cost) :	Rs. 11,25,000 /-			
	Budgetary allocation (O & M cost) :	Rs. 1,00,000 /-			
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 210 KLD Flushing tank Capacity(cum) : 84.54 KLD Fire UG tank Capacity (cum) : 200 KLD			
	Natural water drainage pattern:	As per contour			
35.Storm water drainage	Quantity of storm water:	17,689.93 m3 / Year i.e. 208.12 m3 / Day			
	Size of SWD:	450 mm			
	I				
	Sewage generation in KLD:	187.76 KLD			
	STP technology:	MBBR technology			
Sources and	Capacity of STP (CMD):	STP 1 : 175 KLD (Residential) STP 2 : 17 KLD (Commercial			
Sewage and Waste water	Location & area of the STP:	Area - STP 1 : 100 sq. m STP 2 : 17.06 sq. m			
	Budgetary allocation (Capital cost):	Rs. 22,40,000 /-			
	Budgetary allocation (O & M cost):	Rs. 14,59,900 /-			
	36.Soli	d waste Management			
Waste generation in	Waste generation:	30 kg/day			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Will be used within site			
	Dry waste:	342 kg/day			
	Wet waste:	464 kg/day			
XA7	Hazardous waste:	NA			
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA			
1 11050.	STP Sludge (Dry sludge):	16.89 Kg/day			
	Others if any:	E-waste : 3.04 kg/day			
Joys. Thakun	r	Name: Kale Anij D			

Thaten			Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 123	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

Mode of Disposal of waste:Dry waste:To SWACHWet waste:Treatment of OWCHazardous waste:NABiomedical waste (If applicable):NASTP Sludge (Dry sludge):Will be used as manureOthers if any:E-waste : To SWACHArea requirement:Location(s):On groundArea for the storage of waste & other material:56.5 sq. m				
Mode of Disposal of waste: Biomedical waste (If applicable): NA STP Sludge (Dry sludge): Will be used as manure Others if any: E-waste : To SWACH Area Incation(s): On ground Area for the storage of waste & other 56.5 sq. m				
of waste: Information where (III applicable): NA STP Sludge (Dry sludge): Will be used as manure Others if any: E-waste : To SWACH Location(s): On ground Area for the storage of waste & other 56.5 sq. m				
sludge): will be used as manure Others if any: E-waste : To SWACH Location(s): On ground Area Area for the storage of waste & other 56.5 sq. m				
Location(s): On ground Area Area for the storage of waste & other 56.5 sq. m				
Area for the storage of waste & other 56.5 sq. m				
of waste & other 56.5 sq. m				
- IIIautiai:				
Area for machinery: Considered in above				
Budgetary allocation Capital cost: Rs. 13,50,000				
(Capital cost and O&M cost): O & M cost: Rs. 3,00,840 /-				
37.Effluent Charecterestics				
	luent discharge ndards (MPCB)			
1 Not applicable Not applicable Not applicable Not applicable Not applicable	Not applicable			
Amount of effluent generation (CMD): Not applicable				
Capacity of the ETP: Not applicable				
Amount of treated effluent recycled : Not applicable				
Amount of water send to the CETP: Not applicable				
Membership of CETP (if require): Not applicable				
Note on ETP technology to be used Not applicable				
Disposal of the ETP sludge Not applicable				
38.Hazardous Waste Details				
Serial NumberDescriptionCatUOMExistingProposedTotalMet	thod of Disposal			
1 Not applicable Not Not Not Not Not applicable applicable applicable applicable Applicable Not applicable Applicable Not Applicable Applicable Not Applicable Applic	Not applicable			
39.Stacks emission Details				
Serial NumberSection & unitsFuel Used with QuantityStack No.Height from ground level (m)Internal diameter (m)Ter	mp. of Exhaust Gases			
1 Not applicable Not applicable Not applicable Not applicable Not applicable	Not applicable			
40.Details of Fuel to be used				
Serial NumberType of FuelExistingProposed	Total			
1 Not applicable Not applicable Not applicable Not	applicable			
41.Source of Fuel Not applicable				
42.Mode of Transportation of fuel to site Not applicable				

Joy S. Thakur			Name: Kare Ani) D
Thaten			Signature: Ach-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 124	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

		_						
		Total RG a	rea :	RG area (10) %) : 1318.50 sq. m			
		No of trees	s to be cut	0				
43.Gree		Number of be planted		210 trees				
Develop	ment	List of pro native tree		Provided be	elow			
		Timeline for completion plantation	n of	Up to comp	letion of project			
	44.Nu	mber and	l list of t	rees spe	cies to be plante	d in the ground		
Serial Number	Name of	the plant			Quantity	Characteristics & ecological importance		
1	Michalia	champaka			15	FRAGRANT, EVERGREEN, FLOWERING, SCENTED FLOWERS		
2	Mimuso	ps elengi	Ba	kul	23	FRAGRANR,EVERGREEN, SHADE GIVING		
3	Cassia	fistula	Bahawa		22	LEGUMINOUS & NITROGEN FIXING, DROUGHT RESISTANT.		
4	Azardirac	hta indica	Neem		20	MEDICINAL IMPORTANCE, ODOUR RESISTANT, HABITAT FOR BIRDS		
5	Plume	ria alba	Fran	jipani	24	ORNAMENTAL & SCENTED FLOWERS		
6		ephallus amba	Kadamba		20	SHADY, LARGE DECIDUOUS TREE, FAST-GROWING GRACEFUL TREE, BALL SHAPED FLOWERS.		
7	Saraca	a asoca	Sita A	shoka	10	SHADY TREE WITH RED-YELLOW FLOWERS		
8	Mangife	ra indica	Ma	ngo	14	SHADY TREE, FRUIT BEARING COMMERCIAL VALUE		
9	Bauhinia	purpurea	Butter	fly tree	27	SMALL TREE WITH SMALL WHITE FLOWERS, BUTTERFLY HOST PLANT		
10	Lagerstrom	iia Speciosa	Tar	nan	6	CREATES SHADE, ATTRACTS BIRDS/BUTTERFLIES/BEES, GOOD FOR SCREENING		
11		arpus phyllus	Jack	fruit	8	FRUIT BEARING, EVERGREEN, COMMERCIAL VALUE		
12	Millingtoni	a hortensis	Indian c	cork tree	7	FRAGRANT, EVERGREEN, FLOWERING		
13	Putranjiva	Roxburghii	Puntr	anjiva	6	MEDICINAL TREE -MODERATE SIZED EVERGREEN -PENDANT BRANCHES		
14	Pongami	a Pinnata	kar	ranj	8	FRAGRANT FLOWERS OR LEAVES -ATTRACTS BIRDS/BUTTERFLIES/BEES - DROUGHT TOLERANT		
45	5.Total qua	ntity of plan	its on grou	nd				
46.Nun	nber and	list of sl	nrubs an	d bushes	s species to be pl	anted in the podium RG:		

Serial Number		Name		C/C Dista	nce			Area m2	
1		-		-				-	
				47.Eı	nergy				
		Source supply a	of power :	MSEDCL					
			Construct (Demand	6.6 KW	6.6 KW				
		back-up	as Power p during iction phas	40 KVA					
Pov	MOR	During Operation phase (Connected load):			2152 KW				
require		During Operation phase (Demand load):		983 KW	983 KW				
		Transfo	ormer:	2 x 630 KVA	ł				
	bac		DG set as Power back-up during operation phase:		125 KVA & 62.5 KVA				
		Fuel us	ed:	Diesel					
	Details of high tension line passing through the plot if any:			No					
		48. E	nergy s	aving by no	n-conven	tion	al metho	od:	
2. Using VF	water syste		IS		7				
			49.Det	ail calculati	ons & %	of s	aving:		
Serial Number	E	nergy Co		n Measures				aving %	
1	LED fixtur	es + VFD) + Solar ho	ot water+ Solar P	V17.		1	6.47 %	
			50.Deta	ils of pollut	ion contr	ol S	ystems		
Source	Ex	isting po	ollution co	ontrol system			Proposed	to be installed	
Not applicable	CY	1	Not applica	ble			Not	applicable	
	allocation	Capital	cost:	Rs. 37,22,0	00 /-				
(Capital O&M		0 & M (cost:	Rs. 1,86,00	0 /-				
51	.Enviro	onme	ntal M	lanageme	ent plar	n Bi	udgeta	y Allocation	
				truction pha	-		-	0	
Serial Number	Attri	butes		Parameter			_	num (Rs. In Lacs)	
1	А	ir	suppre	on control – dust ession measures d barricading			Rs. 1,06	5,000 /-	
Ó	Thakun aluw Ir (Secretary		SEAC Meetin	ng No: 103 Meetir 13, 2020	ng Date: Febr	uary	Page 126 of 170	Name: Kare April D Signature: Action Shri. Anil Kale (Chairman SEAC-III)	

2	land	l	Site Sa	nitation					Rs. 26,50	0 /-		
3	Health &	safety	Site S	Safety					Rs.88,00	0 /-		
4	Environr manager		Environ Monit					F	Rs. 1,20,0	00/-		
5	Health &	safety	Disinfec Health C		-				Rs. 45,00	0 /-		
		b) Operati	ion Pl	hase	e (wi	th Break-up):					
Serial Number	Compor	nent	Descr	iption		Capi	ital cost Rs Lacs	s. In		tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Sewage Tre Plant		2 S	TP		R	s. 22,40,000	C		Rs. 14,59,	900 /-	
2	Rain Water H	larvesting	ן 09	pits		Rs	. 11,25,000	/-		Rs. 1,00,0	000 /-	
3	Solid Wa Manager		1 0	WC		Rs	. 13,50,000	/-		Rs. 3,00,8	Rs. 3,00,840 /-	
4	Green E Developr		210 t	trees		Rs	s. 20,01,948	/-		Rs. 1,61,	105/-	
5	Energy d	etails	LED fixtur	res +sol	ar	Rs	. 37,22,000	/-		Rs. 1,86,000 /-		
6	Environm Monitor		EMP c	osting			EFCC approv laboratory	ved		Rs. 8,90,000 /-		
51.S	torage o	of che	micals	(infl sub				osiv	e/haz	zardou	s/toxic	
Descri	Description Status		Location Caj		Сар	rage acity MT	Maximum Quantity of Storage at any point of time in MT	/ Me	umption onth in MT	Source of Supply	Means of transportation	
Not app	licablo	Not plicable	Not applica	ible		lot icable	Not applicable	Not a	pplicable	Not applicable	Not applicable	
	1		52.A	ny Ot	her	Info	rmation	1				
No Informa	tion Available		V									
			53.	Traffi	сM	ana	gement					
	te	los. of the o the main lesign of confluence	n road &	The pro	oject I	has ac	cess from e	xisting	road			
	CV.											



	Number and area of basement:	NA
	Number and area of podia:	1 podium
	Total Parking area:	5617.8 sq. m
	Area per car:	30 sq. m - for stilt/podium, 35 sq. m -for basement, 25 sq. m - for open parking.
	Area per car:	30 sq. m - for stilt/podium, 35 sq. m -for basement, 25 sq. m - for open parking.
Parking details:	Number of 2- Wheelers as approved by competent authority:	Scooters : 467 , Cycles : 467
	Number of 4- Wheelers as approved by competent authority:	150
	Public Transport:	Pune city buses
	Width of all Internal roads (m):	6.00 m & 9.00 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	

Joy S. Thakur			Name: Kart Ani) D
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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February		
SEAC-III)	13, 2020	of 170	SEAC-III)

	Solid Waste Management
	Air Quality & Noise Level issues
	Energy Management -
	Traffic circulation
	system and risk - assessment
	Landscape Plan -
	Disaster
	management system - and risk assessment
	Socioeconomic impact assessment
	Environmental Management Plan
~~~	Any other issues
	related to environmental
	sustainability
of the project by SEAC	B
	Sil
of the project by SEAC	related to environmental sustainability B

## Brief information of the project by SEAC

natur Joy S.Thakur (Secretary SEAC-III)

Joy S. Thakur

SEAC Meeting No: 103 Meeting Date: February 13, 2020

Name: Kare Ani) D la-Signature: de Shri. Anil Kale (Chairman Page 129 SEAC-III) of 170

PP had submit	tted application for prior Environme	ntal clearance :	stating following	details:		
Total Plot Are	ea (sq. m.)		16600 sq. m			
Deductions	Deductions					
Net Plot area			13184.97 sq. m			
Proposed Built-up Area (FSI & Non-FSI) (m ² )			46381.74 sq. m			
FSI area (m ² )			20907.26 sq. m			
Non FSI area (m ² )			25474.48 sq. m	000		
Total built up area approved by planning authority			46381.74 sq. m	0.5		
Total ground	coverage (m²)		4179.59 sq. m			
Ground-cover open to sky)	rage Percentage (%) (Note: Percenta	age of plot not	31.69 %			
Estimated co	st of the project (in Rs.)		Rs. 52,57,382 /-			
Number of bu	uildings & its configuration:					
S. No.	Building Name & number	Number of flo	ors	Height of the building (Mtrs)		
1	Building A	3 Parking + 1	2 floors	44.65 m		
2	Building B	Parking + 14	floors	44.65 m		
3	Building C	Parking + 12	floors	39.15 m		
4	Building D	Parking + 12	floors	39.15 m		
5	Amenity Building (Comm.)	LP+UG+5 floo	ors	22.55 m		
6	Club house	G + 1		8.07 m		

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

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 130	Name: Kare Ani) D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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# **DECISION OF SEAC**

#### **During discussion following points emerged:**

1. UGT shall be located at a suitable distance away from STP.

2. PP to submit phase wise program considering entry from existing road and not from proposed road.

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

*****

**Specific Conditions by SEAC:** 

## FINAL RECOMMENDATION

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

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 131 of 170 Signature: Journan Shri. Anil Kale (Chairman SEAC-III)

## 103 SEAC-3 day 03

#### SEAC Meeting number: 103 Meeting Date February 13, 2020

**Subject:** Environment Clearance for Amendment for Environmental Clearance for the Proposed Modification / Expansion of IT Park project "Embassy Tech Zone" at Plot No. 03, Rajiv Gandhi Infotech Park, Phase II, MIDC, Hinjewadi, Pune, Maharashtra.

Mailaí asiltí a.					
Is a Violation Case: No					
1.Name of Project	Embassy Tech Zone				
2.Type of institution	Private				
<b>3.Name of Project Proponent</b>	Embassy Office Parks Pvt. Ltd.				
4.Name of Consultant	Samrakshan				
5.Type of project	IT Park				
6.New project/expansion in exist project/modernization/diversification existing project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	e Environmental Clearance (EC) obtained from State Level Environment Impact Assessment Authority (SEIAA), Maharashtra vide letter No. SEAC-2010/CR.297/TC.2 dated 11.7.2011				
8.Location of the project	"Embassy Tech Zone" at Plot No. 03, Rajiv Gandhi Infotech Park, Phase II, MIDC, Hinjewadi, Pune, Maharashtra.				
9.Taluka	Hinjawadi				
10.Village	Rajiv Gandhi Infotech Park, Phase II, MIDC				
Correspondence Name:	M/s Embassy Office Parks Pvt. Ltd.,				
Room Number:	No. 150				
Floor:	Not applicable				
Building Name:	Not applicable				
Road/Street Name:	Infantry Road				
Locality:	Not applicable				
City:	Bengaluru - 560001				
11.Whether in Corporation / Municipal / other area	MIDC area				
	Not applicable				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Not applicable				
Approval Number	Approved Built-up Area: 489815				
13.Note on the initiated work (If applicable)	Presently 8 blocks are under operation and 10 blocks are yet to be constructed				
14.LOI / NOC / IOD from MHADA Other approvals (If applicable)	Not applicable				
15.Total Plot Area (sq. m.)	EC obtained - 2,76,874 sq m (68.43 acres) and Scenario after expansion - 2,72,979 sq m (67.47 area)				
16.Deductions	None				
17.Net Plot area	EC obtained - 2,76,874 sq m (68.43 acres) and Scenario after expansion - 2,72,979 sq m (67.47 area)				
	a) FSI area (sq. m.): As per plan approval obtained from MIDC				
18 (a).Proposed Built-up Area (F Non-FSI)	b) Non FSI area (sq. m.): As per plan approval obtained from MIDC				
1001 101	c) Total BUA area (sq. m.): 490328				
	Approved FSI area (sq. m.): As per plan approval obtained from MIDC				
18 (b).Approved Built up area as DCR	Per Approved Non FSI area (sq. m.): As per plan approval obtained from MIDC				
2000	Date of Approval: 01-01-1900				
19.Total ground coverage (m2)	76055				
20.Ground-coverage Percentage (Note: Percentage of plot not op to sky)					
21.Estimated cost of the project	1435000000				
Joy S. Thakur	Name: Kart Ani) D				

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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 132	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

22.Number of buildings & its configuration							
Serial number	Buildin	ıg Name & number	Number of floors	Height of the building (Mtrs)			
1	Block	1 (Office) - Existing	S1 + S2 + G + 5 Floors	29.10			
2	Block	2 (Office) - Existing	S1 + S2 + G + 5 Floors	29.10			
3	Block	3 (Office) - Existing	G + 10 Floors	41.25			
4	Block 3	(MLCP 1) - Existing	G + 6 Floors	41.25			
5	Block 4	l (Office) - Proposed	9 Floors	38.55			
6	Block 4	(MLCP 2) - Proposed	S1 + S2 + G + 3 Floors	38.55			
7	Block	5 (Office) - Existing	LG + G + 8 Floors	37.50			
8	Block 5	(MLCP 3) - Existing	LG + G + 5 Floors	37.50			
9	Block	6 (Office) - Existing	G + 9 Floors	37.95			
10	10 Block 7 (Office) - Proposed		S + G + 9 Floors	37.95			
11	Block 8	8 (Office) - Proposed	S + G + 9 Floors	37.95			
12	Block 9	) (Office) - Proposed	G + 17 Floors	56.25			
13	Block 1	0 (Office) - Proposed	G + 22 Floors	70.00			
14	Block 1	1 (Office) - Existing	S + G + 7 Floors	33.15			
15	ML	CP 4 - Proposed	G + 6 Floors	29.70			
16	ML	CP 5 - Proposed	G + 10 Floors	29.70			
17	Food	l Court - Existing	G + 2 Floors	13.5			
18	Trainii	ng center - Existing	G + 2 Floors	8.4			
23.Number tenants an		Occupancy Phase - 48,0	46 numbers after Modification and I	Expansion			
24.Number expected re users		Occupancy Phase - 48,0	46 numbers after Modification and Expansion				
25.Tenant per hectar		1778 numbers	2				
26.Height building(s)							
27.Right of way (Width of the road from the nearest fire 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			Vorms				
29.Existing structure (		Presently 8 Office / MLC	CP buildings are in operation				
30.Details demolition disposal (I applicable)	with f	Not applicable					
		31.P	roduction Details				

#### Joy S. Thakur Joy S. Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 133 of 170 Signature: A moi D Signature: A moi D

Serial Number	Pr	oduct	Existin	ng (MT/M)	Proposed	(MT/M)	То	otal (MT/M)	)		
1	IT	Park	4	89815	513	3		490328			
			32.Tot	al Wate	r Requi	rement					
		Source of	f water	MIDC							
		Fresh wa	ter (CMD):	973 KLD							
1		Recycled Flushing		1202 KLD							
		Recycled Gardenin	water - ng (CMD):	314 KLD							
Swimming pool make up (Cum):Dry season:Total Water Requirement (CMD) :			NA								
			) 2175 KLD			0	9,				
		Fire fight Undergro tank(CM	ound water	Provided				7			
		Fire fight Overhead tank(CM	l water	provided		0					
		Excess tr	eated wate	<b>r</b> 442 KLD (A	AC Cooling tov	ver make up)					
		Source of	f water	MIDC	MIDC						
		Fresh wa	ter (CMD):	Roof top w	ater is collecte	ed and reused	for domest	ic purposes			
		Recycled Flushing		Roof top w	Roof top water is reused						
		Recycled Gardenin	water - lg (CMD):	Controlled season	Controlled watering (As and when required) will be done during rainy season						
		Swimmin make up		Not applica	Not applicable						
Wet seaso	n:	Total Wa Requiren :		) Not applica	Not applicable						
		Fire fight Undergro tank(CM	ound water	Not applica	Not applicable						
		Fire fight Overhead tank(CM	l water	Not applica	Not applicable						
		Excess tr	eated wate	r Not applica	able						
Details of pool (If an		NA									
			33.Deta	ils of Tota	al water co	onsumed					
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)		E	ffluent (CM	[ <b>D</b> )		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	874 KLD	1301 KLD	2175 KLD	Not applicable	Not applicable	Not applicable	787 KLD	1171 KLD	1958 KLD		

	Level of the Ground water table:	50 meters
	Size and no of RWH tank(s) and Quantity:	Rain water storage tanks are provided in the project
	Location of the RWH tank(s):	At basement level
34.Rain Water Harvesting	Quantity of recharge pits:	Not applicable
(RWH)	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Already implemented
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
	Natural water drainage pattern:	Slopping pattern in the project is maintained
35.Storm water drainage	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
	Sewage generation in KLD:	1958 KLD
	STP technology:	Extended Aeration Activated Sludge Process
Sewage and	Capacity of STP (CMD):	Existing - Presently STps of 4 X 220 KLD and 1 X 400 KLD are in operation (Totaling 1280 KLD capacity) and Proposed - STPs of 220 KLD, 350 KLD and 410 KLD (Totaling 980 KLD) will be established for the blocks which are yet to be constructed.
Waste water	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	8 Lakhs
	Budgetary allocation (0 & M cost):	1 Lakhs
	36.Solie	d waste Management
Waste generation in	Waste generation:	13.5 KLD
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction debris of about 150 cum generated will be used as preparatory materials for road formation activities within the project site.
	Dry waste:	Total after expansion - 3796 Kg/day
	Wet waste:	Total after expansion - 5694 Kg/day
Wasto gonoration	Hazardous waste:	5000 Liters/ annum
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not applicable
1 111001	STP Sludge (Dry sludge):	814 kg/day
	Others if any:	Not applicable

Joy S. Thakur		Name: Kart Ani) D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	SEAC-III)

		Dry waste:		The dry	waste is sent f	or recycling				
		-				, ,	Composting	Method and manure		
		Wet waste	•		Wet waste is treated through Vermi Composting Method and manure generated is used for landscape development within the project					
Mode of I	Disposal	Hazardous			re processor					
of waste:		Biomedica applicable		If Not appl	icable					
		STP Sludg sludge):	e (Dry	( <b>Dry</b> used as organic manure for the development of plantations within the premises						
		Others if a	nny:	Not appl	icable					
		Location(s	;):	Out side the building in designated area						
Area requirem	ent:	Area for th of waste & material:		<b>e</b> 100 sq n	1			0		
		Area for m	achinery	: 20 sq m						
Budgetary allocation Capital co			st:	10 Lakhs	\$		0			
(Capital cost and O&M cost): O & M cost			t:	50,000				)		
	-		37.]	Effluent	Charecter	restics				
Serial Number	Paran	neters	Unit		t Effluent ecterestics		Effluent cerestics	Effluent discharge standards (MPCB)		
1	р	H	-		6 to 8	6.5 t	0 8.5	Conforms		
2	В	рD	mg/l	35	i0 to 400	<10	mg/l	Conforms		
Amount of e (CMD):	effluent gene	eration	Not appl	icable	0	3				
Capacity of	the ETP:		Not appl	icable	able					
Amount of t recycled :	reated efflue	ent	Not appl	icable						
Amount of v	vater send to	o the CETP:	Not appl	icable						
Membership	o of CETP (if	require):	Not appl	icable						
Note on ETI	P technology	to be used	Not appl							
Disposal of	the ETP sluc	lge	Not appl	icable						
			<b>38.</b> E	Hazardou	us Waste I	Details				
Serial Number	Descrip	otion	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	used	oil	5.1	Not applicable	2000 Liters/annum	3000 Liters/annum	5000 Liters/annum	Disposed through authorized re processor		
			39.	Stacks e	mission D	etails				
Serial Number	Section	& units		Used with uantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	8 no's X 15 Set - E	00 kVA DG xisting		315 Liters /ł ach DG set	ır 1	30 meters	80 mm	Not applicable		
2	9 no's X10 Set - E	10 kVA DG xisting		213 Liters/h ach DG set	ur 2	30 meters	80 mm	Not applicable		
3		10 kVA DG xisting		234 lietrs/h ach DG set	r 3	30 meters	80 mm	Not applicable		
4	6 no's X 15 Set - Pr	00 kVA DG roposed		315 Liters/h ach DG set	ur 4	30 meters	80 mm	Not applicable		
Tovs	. Thakus	-					Nom	e: K m? & Ami) D		

Joy S. Marun			Name: Kart Anil D
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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 136	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

	4	401771 - 0	D: 1 6					
5		10 kVA DG coposed		13 liters/hr n DG set	5	30 meters	80 mm	Not applicable
6		10 kVA DG coposed		4 Liters/hr n DG set	6	30 meters	80 mm	Not applicable
7		000 kVA DG coposed		0 Liters/hr n DG set	7	30 meters	80 mm	Not applicable
			40.De	tails of F	uel to l	oe used		
Serial Number	Tyr	e of Fuel		Existing		Proposed		Total
1		Diesel	4	671 Liters/h	r	5124 Liters/ h	r	9795 Liters/hr
41.Source o	of Fuel		Near	by outlet			I	
42.Mode of	Transportat	ion of fuel to	site Trucl	KS				
		Total RG a	rea :	1,0,4,460 so	q m			
		No of trees	to be cut	None	-		0	
		•		None				
43.Gree		Number of be planted		Presently 5 site.	075 trees a	nd 4200 trees	palms and l	bamboos are planted at
Develop	ment	List of prop native tree						
		Timeline for completion plantation	of already planted and also plantation will be taken up once the					
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to I	be planted	d in the g	ground
Serial Number		the plant		n Name		antity	Characte	eristics & ecological importance
1	Number       Image: Construct of the system         Spathodia, Delnox       regia, Casia fistula,         regia, Casia fistula,       Eruthrina indica,         Filicium decipes,       Jacaranda mimosifolia,         Jacaranda mimosifolia,       Melia azardichta,         Millingtonia hortensis,       Mimusops elengill,         Plerospermum       acerifolium, Kadamba,         Plumeria alba       Plumeria alba				Ē	075		and Indigenous trees
	mantaly, longifolia champaka pinnata, obtuse, rubra, Sar Lagestron Bahunia Tabubia ro	Madhuka Michelia Pongamia Plumeria Plumeria aca indica, nia indica, purperia, sea, Cordia				075	speci	ies will be planted
45	mantaly, longifolia champaka pinnata, obtuse, rubra, Sar Lagestron Bahunia Tabubia roo sabe	Madhuka , Michelia , Pongamia Plumeria Plumeria aca indica, nia indica, purperia,	ts on grou	nd			speci	
	mantaly, longifolia champaka pinnata, obtuse, rubra, Sar Lagestron Bahunia Tabubia ro sabe	Madhuka Michelia Pongamia Plumeria aca indica, nia indica, purperia, sea, Cordia stina.	-					ies will be planted
46.Num Serial	mantaly, longifolia champaka pinnata, obtuse, rubra, Sar Lagestron Bahunia Tabubia ro sabe <b>5.Total quar</b>	Madhuka Michelia Pongamia Plumeria aca indica, nia indica, purperia, sea, Cordia stina.	-		specie		anted in	ies will be planted
46.Num	mantaly, longifolia champaka pinnata, obtuse, rubra, Sar Lagestron Bahunia Tabubia ro sabe <b>5.Total quar</b>	Madhuka Michelia Pongamia Plumeria aca indica, nia indica, purperia, sea, Cordia stina. htity of plan	-	d bushes	specie		anted in	the podium RG

Joy S. Thakur			Name: Kart Ani D
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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	<b>Page 137</b>	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

				<b>47.</b> Er	nerg	IV		
		Source of supply :	power	MSEB				
		During Co Phase: (De Load)		500 kVA				
		DG set as back-up du construction	iring	1 no. X 500	kVA E	OG Set		
		During Op phase (Cor load):		50,000 kVA				
Power requirement:		During Op phase (Der load):		50,000 kVA		00		
		Transform	er:	Installed in	the pr	oject		
		DG set as back-up du	iring	sets and Pro	posec apacit	0 kVA, 9 X 1010 kVA and 1 X 1110 kVA capacity DG l - 6 X 1500 kVA, 4 X 1010 kVA, 3 X 1110 kVA and 4 X y DG Sets are proposed to be added along with the DG operation.		
		Fuel used:		Diesel				
	Details of high tension line par through the plo any:			-				
		48.Ene	ergy savi	ng by noi	<b>1-CO</b>	nventional method:		
Solar Stree	t light and lig	ghting for co	mmon areas	is proposed.				
		4	9.Detail	calculati	ons	& % of saving:		
Serial Number	E	nergy Cons	ervation Me	easures Saving %				
1	efficier freque		rs, LEDs, bal for motors fo					
		50	Details	of polluti	on c	control Systems		
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed		
DG Sets	Acoustic en	closures and	l adequate st	tack as per n	orms	Not applicableAcoustic enclosures and adequate stack as per norms		
Budgetary	allocation	Capital cos	st:	10 lakhs				
(Capital O&M	cost and cost):	O & M cos	& M cost:		2 Lakhs			
51	.Enviro	onment	al Mar	nageme	nt ]	plan Budgetary Allocation		
		a)	Construc	ction pha	se (	with Break-up):		
Serial Number	Attril	butes	Parar	meter		Total Cost per annum (Rs. In Lacs)		
1	Water env	vironment	fugitive of Construction	g to control dusts and on & curing ooses	C	apital cost of 10 lakhs and recurring cost of 2 lakhs		

Joy S. Thakur			Name: Kare Amil D
Thaten			Signature: Acla
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 138	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

2	Water en	vironment	Sewage T Plant for Ph				Capita	l cost of	200 lakhs			
3	Water en	vironment	Potable requireme construction		apital cost o	l cost of 3 lakhs and recurring cost of 1 lakh						
4	Water en	vironment	Tempora Water	ary Storn Drains	n Ca	Capital cost of 10 lakhs and recurring cost of 1 lakhs						
5	Sa	Safety Bafety Ba				Capital cost of 2 lakhs and recurring cost of 1 lakhsCapital cost of 2 lakhs and recurring cost of 1 lakh						
6	Sa	fety	First aid fa wor	acilities : kers	for C	apital cost (	of 2 lakhs and recurring cost of 1 lakh					
7		lscape opment	Nurtur planting o	ing and of Saplin	gs		Capita	al cost of	10 lakhs			
8		nmental ring Plan	Air, Noise, soil - Mo				Recurr	ring cost	of 2 lakhs			
		ł	) Operat	ion Pl	hase (wi	th Brea	k-up)	):				
Serial Number	Comp	oonent	Descr	ription	Capi				tional and Maintenance ost (Rs. in Lacs/yr)			
1	1 Environmental Management Plan		Manager comprise o of Sewage Plant, Ra harvesting water rech sets acc Mainte Land developm waste ma and Envin	Environmental Management Plan comprise of Operation of Sewage Treatment Plant, Rain water harvesting and Ground water recharging, DG sets acoustic & Maintenance, Landscape development, Solid waste management and Environmental Monitoring Plan		60.50		28.60				
<b>51.S</b>	torage	of che	micals			_	osiv	e/haz	zardou	s/toxic		
				sub	stance	es)						
Descri	ption	Status	Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	umption onth in MT	Source of Supply	Means of transportation		
Not app	Not applicable Not applicable		Not applicable		Not applicable	Not applicable	Not applicable		Not applicable	Not applicable		
			52.A	ny Ot	her Info	rmation	1					
No Informa	tion Availab	le										
			53.	Traffi	c Manag	gement						
		Nos. of th to the ma design of confluence		On maj	or juncation	n						



		ber and area of ment:	Existing buildings total stilt fl	oor area: 708	30 sq m			
	Num podia	ber and area of 1:	-					
	Total	Parking area:	About 10970 sq m including MLCP area of the existing buildings					
	Area	per car:	As per norms					
	Area	per car:	As per norms					
Parking details:	Whee appro	ber of 2- elers as oved by oetent ority:	As per norms - two wheeler pa level	arking space	s are earmarked at surface			
	Whee appro	ber of 4- elers as oved by oetent ority:	As per MIDC norms		00			
	Publi	c Transport:	Available and utlized					
		h of all Internal 5 (m):	As per MIDC norms					
		RRZ clearance n, if any:	NA					
	Prote Critic areas areas boun	nce from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	NA					
	schee	jory as per lule of EIA ication sheet	В					
	Cour if any	t cases pending	NA					
		r Relevant mations	-					
	subm Appli	you previously hitted cation online OEF Website.	Yes					
		of online hission	21-12-2018					
SEAC	DIS	CUSSION	<b>ON ENVIRONMI</b>	ENTAL	ASPECTS			
Environmental Impacts of the project	-							
Water Budget	-							
Waste Water Treatment	-							
Drainage pattern of the project	-							
Ground water parameters	-							
Solid Waste Management	-			1				
Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)		SEAC Meeting No	: 103 Meeting Date: February 13, 2020	Page 140 of 170	Name: Kare Api D Signature: Journal Shri. Anil Kale (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

che project by



PP had submitted applicat	ion for prior Env	ironmental clearance stating following details:								
'otal Plot Area (m²)	EC obtained: 2,76,874 sq m									
			Reduction due to re allotment/ alignment: 3,895 sq m							
J. 1.			vuer expansion and modification: 2,72,979 sq m	After expansion and modification: 2,72,979 sq m						
veductions (m ² )			2 73 070							
let Plot area (m²) roposed FSI area (m²)			2,72,979 sq m 4,90,328.78 sq m							
roposed non-FSI area (m ² )			3,29,625.96 sq m							
roposed TBUA (m ² )	nning Authit	till date	8,19,954.74 sq m 2,90,189.68 sq m,							
BUA (m ² ) approved by Pla	nning Authority	till date								
			<ol> <li>Building Plan Approval for Block No. 1, 11 &amp; Training Center vie 2. Revised Building Plan Approval for Block No. 1 &amp; 2 vide No. EEJ</li> </ol>							
			<ol> <li>Building Plan Approval for Block No. 5 with MLCP-3 vide No. EF 4. Revised Building Plan Approval for Block No. 3 with MLCP-1 vid</li> </ol>							
			<ol> <li>Revised Building Flan Approval for Food Court vide No. EE/IT/Plans/D16 04-12-2013</li> </ol>			val for Block No. 6 vi	ide No. EE/IT/Plans/D71939/	of 2013 dated		
round coverage (m²) & %			77,624.63 sq m (28.43%)							
'otal Project Cost (Rs.)			EC obtained: Rs. 435 Crores							
			Proposed Mod & Exp. Cost: Rs.1000 Crores After expansion and modification: Rs. 1,435 Crores							
			Atter expansion and modulcation: Rs. 1,455 Crores							
etails of Building Configu	ration:									
		ice Building, 6 Multilevel Car Parking, 1 Food Court, 1 Training cen	or and 2 utility and corrides (Totalling to 21 blocks)							
CODIMINED, IT Faix COL	Isisting of 11 Off	ite Bunuing, o Multiever car Farking, i Food Court, T Hanning Cen	er and 2 dunity and services (rotaining to 21 blocks).							
FTER EXPANSION: IT Pa	rk consisting of 1	1 Office Building, 5 Multilevel Car Parking, 1 Food Court, 1 Trainin	g center and 2 utilities & service blocks (Totalling to 20 blocks)							
uilding Configuration afte	r Expansion and	Modification:								
SL Blocks	Built-up area (sq. m)	Configuration					Status			
No 1 Block 1	29,302.37	S1 + S2 + G + 5 F					Under Operation			
2 Block 2	29,242.07	S1 + S2 + G + 5 F								
3 Block 3 with MLCP	1 47,226.93	G + 10 F					1			
	37,814.02	G + 6 F					1			
4 Block 4 with MLCP	2 85,691.17	S1 + S2 + G + 12 F					Proposed			
5 Block 5 with MLCP	3 45,165.45	LG + G + 8 F					Under Operation			
	29,129.41	LG + G + 5F					]			
6 Block 6	30,661.95	G + 9F					]			
7 Block 7 & 8	81,970.95	S + G + 10 F					Proposed			
9 Block 9	1,16,640.70	5 Podium + 14 F					1			
10 Block 10	1,45,934.96	5 Podium + 12 F								
11 Block 11	33,591.52	B + 7F	A A A				Under Operation			
12 MLCP - 4 13 MLCP - 5	36,057.18	B + 7F					Proposed			
	63,151.25	G + 14 F	· · · · · · · · · · · · · · · · · · ·							
14 Food Court 15 Training Centre	4,326.93	G + 2F G + 1F					Under Operation			
16 HSD yard	156.04	Underground	•				Proposed			
17 Garbage & OWC	343.07	Ground					Proposed			
18 Total 18 Blocks	8,19,954.74					-	8 under operation			
							10 Proposed			
omponents approved and	components con	structed as per earlier EC and proposed development:								
Sl. No.	Buildings	approved as per EC		Buildings Constructed as per	EC					
1	Block 1 &			Constructed						
2		2 ith MLCP 1		Constructed						
3										
4		th MLCP 2		Proposed						
6		na mon d		Constructed						
6	Block 6	0.6.10		Constructed						
2	Block 7, 8	, 5 & 10		Proposed						
/	Block 11			Constructed						
8		MLCP - 4 & 5 Proposed								
9	Food Cou			Constructed						
10	Training (		Constructed							
11	HSD yard	, Garbage & OWC		Proposed						
The race was dis-	the basis of a	dominante enfortitad and mousements and a burger asses	isense rolating to any manyour industry six waves less set	indupretity and spatial association	are evenined The same	ic annested	MARY RISIR*			
Lase was uscussed of	care adsis of the	The a burner and presentation made by the proponent. All	and a controller, including air, water, land, soil, ecology, i	www.versity and social aspects v	examined. rile proposa	appraised as cate	gory o(a)D1.			
705	HI.	Thakur N					ne: Kare			
E	That					Sig	nature: A	cla.		
Joy S.Tha	kur (S	Secretary SEAC Me	eting No: 103 Meeting Date	: February	Page 14	2 🛛 Shri.	Anil Kale			
SEAC-III	)		13, 2020 [°]	, in the second s	of 17	<mark>0</mark>    SEAC	C-III)			
# **DECISION OF SEAC**

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During discussion following points emerged:
1. PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF & CC circular dated 1/05/2018 along with details of fund utilization & agreement or consent of executor.
2. PP to submit detailed disaster management plan incorporating lightening arrester plan.
3. PP to provide STPs open to sky and above ground in all blocks meeting the prescribed norms.
4. PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.
5. PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.
6. PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.
7. PP to submit phase wise development plan considering wind rose diagram.
8. PP to submit details hydro geological survey report with graphs & data.
9. PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.
10. PP to submit all copies of permissions granted by State Government in tabular and chronological form.
11. PP to submit specific NOC for supply of water for entire project by Irrigation Department.
12. PP to submit internal storm water drain and sewer line arrangements up to final disposal point.
13. PP to include carbon footprint estimations for operation & construction phase in EIA report.
14. PP to carry out fugitive dust monitoring by using local meteorological data.
15. PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc.; PP to submit OWC details.
16. PP to submit details of design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; P to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions
17. PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.
18. PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.
19. PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring.
20. PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.
21. PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.
22. PP to obtain and submit following NOC's: a) CFO NOC, b)Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.
23. PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.
24. PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society
25. PP to provide mandatory RG area on virgin land and submit the drawing with calculations. PP to ensure that entire mandatory RG shall be provided on the plot where residential buildings are proposed.
26. PP to plant trees which help to increase biodiversity in the premises like fruit bearing trees etc., and insure that no trees/ shrubs that cause allergies to the residents, are planted.
PP requested for time to submit the information sought; after deliberations committee asked PP to comply with the observations and submit information to the committee for further discussion and consideration of SEAC.
Specific Conditions by SEAC:
FINAL RECOMMENDATION

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

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## 103 SEAC-3 day 03

## SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for Proposed Residential & Commercial project at S. no. 123/1/2 & S. no. 123/1/3, Wadmukhwadi, Tal. Haveli, Pune by M/s. EXPAT Properties

	Å.
Is a Violation Case: Yes	
1.Name of Project	Proposed Residential & Commercial project at S. no. 123/1/2 & S. no. 123/1/3, Wadmukhwadi, Tal. Haveli, Pune by M/s. EXPAT Properties
2.Type of institution	TOR
<b>3.Name of Project Proponent</b>	Mr. Anil Kakade
4.Name of Consultant	J M EnviroNet Pvt Ltd, Sayali Jagtap, EIA Co-ordinator, 9960159156
5.Type of project	Residential & Commercial 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. Environment Clearance no. 21-1124/2007-IA-III/TCI dated 05.05.2009
8.Location of the project	S. no. 123/1/2 & S. no. 123/1/3, Wadmukhwadi, Tal. Haveli, Pune.
9.Taluka	Haveli
10.Village	Wadmukhwadi
Correspondence Name:	Sayali Jagtap
Room Number:	F3
Floor:	First floor
Building Name:	Dindayal nagar
Road/Street Name:	Medical college road
Locality:	Katraj
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation (PCMC)
	Received
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: BP/ENV/Wadmukhwadi/01/2020 dated 15.01.2020
	Approved Built-up Area: 70206.54
13.Note on the initiated work (If applicable)	Total constructed area : 54343.36 sq. m
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	36300 sq. M
16.Deductions	16248.56 sq. M
17.Net Plot area	20051.48 sq. M
	<b>a) FSI area (sq. m.):</b> 35695.43 sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<b>b) Non FSI area (sq. m.):</b> 34511.11 sq. m
	c) Total BUA area (sq. m.): 70206.54
10 (h) American J.D. 'l'	<b>Approved FSI area (sq. m.):</b> 35695.43 sq. m
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 34511.11 sq. m
	Date of Approval: 15-01-2020
19.Total ground coverage (m2)	5269.04 sq. M
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26.27 %
21.Estimated cost of the project	98000000

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 145	Name: Kart Api D Signature: Jacob Shri. Anil Kale (Chairman SEAC-III)
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	2	2.Number of	buildin	gs & its confi	guration				
Serial number	Buildin	ıg Name & number	Nu	mber of floors	Height of the building (Mtrs)				
1	Row	house R1 to R12	G	round +1 floor	6.25 m				
2		Villa 1-10	G	round +1 floor	6.28 m				
3		Building A1	Pai	cking +11 floors	35.14 m				
4		Building A2	Building A2 Parking +11 floors 34.99 m						
5		Building A3	Building A3 Parking +11 floors						
6		Building A4	Pai	cking +11 floors	34.99 m				
7		Building A5	Pai	rking +11 floors	34.99 m				
8		Building A6	Lower Parl	king + Upper Parking + 10 floors	35.72 m				
9		Building A7	Basement	t + Parking +12 floors	41.58				
10	Ame	nity (Commercial)	Lower Grou	and + Ground + 4 floors	17.83				
11		Club house	G	round +1 floor	6.28 m				
23.Number tenants an		Residential : 424 no's Commercial building			0				
24.Number expected rusers									
25.Tenant per hectar		250 /ha							
26.Height building(s)									
(Width of t	Right of way         dth of the road         n the nearest fire         ion to the								
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width	9.00 m							
29.Existing structure (		floors Building A2 : Par	rking +11 floo : Parking +1	ors Building A3 : Parking 1 floors Building A6 : Lov	-1 floor Building A1 : Parking +11 +11 floors Building A4 : Parking wer Parking + Upper Parking + 10				
30.Details of the demolition with disposal (If applicable)     Not applicable									
		31.1	Product	ion Details					
Serial Number	Pro	duct Existing	g (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not ap	plicable Not ap	plicable	Not applicable	Not applicable				
		32.Tota	al Wate	r Requiremen	t				

Joy S. Thakur			Name: Kart Amir D
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Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 146	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

		Source of	water	PCMC							
		Fresh wate	er (CMD):	201.75							
		Recycled w Flushing (		104.16							
		Recycled w Gardening		18.44							
		Swimming make up (		5							
Dry season:		Total Wate Requireme :		329.32							
		Fire fightin Undergrou tank(CMD)	ind water	450				0			
		Fire fighting - Overhead water tank(CMD):       150 (all buildings)									
		Excess trea	ated water	138.95							
		Source of v	water	PCMC							
		Fresh wate	er (CMD):	201.75							
		Recycled w Flushing (		104.16							
		Recycled w Gardening		0							
		Swimming make up (		5	<b>N</b>						
Wet season:		Total Wate Requireme :		305.91							
		Fire fightin Undergrou tank(CMD)	ind water	450							
		Fire fightin Overhead v tank(CMD)	water	150 (all bui	ldings)						
		Excess trea	ated water	157.39							
Details of Swim pool (If any)	ning	<ul> <li>Total wate</li> <li>Water req</li> <li>Capital Co</li> </ul>	er Requirem	ent in KLD: 1 make up in 0,000 /-	3m length x7 170 KLD KLD: 5 KLD		.3m deep				
G	Y	3	3.Detail	s of Tota	l water o	consume	d				
Particula rs	Cons	sumption (C	EMD)		Loss (CMD)	)	Ei	ffluent (CM	D)		
Water Require Exis ment	ting	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic No		Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		

	i	
	Level of the Ground water table:	Post monsoon 10.00 meter Pre monsoon 20.00 meter
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
34.Rain Water	Quantity of recharge pits:	6 No.
Harvesting (RWH)	Size of recharge pits :	2. No Pit 2*2*2meter and chamber 1*1*1 m Bore well 0.160 meter diameter and 60 meter depth 3 No No Pit 2*2*2meter
	Budgetary allocation (Capital cost) :	Rs. 04,50,000
	Budgetary allocation (O & M cost) :	Rs. 30,000 /-
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 203.35 KLD Flushing tank Capacity(cum ) : 101.87 KLD Fire UG tank Capacity (cum) : 450 KLD
	Natural water drainage pattern:	As per contour
35.Storm water drainage	Quantity of storm water:	21 m3/m
	Size of SWD:	450 mm
	Sewage generation in KLD:	275.32 KLD
	STP technology:	Existing : Extended aeration , Proposed : MBBR technology
Sewage and	Capacity of STP (CMD):	STP 1 (Existing ) : 260 KLD , STP 2 (Proposed) : 20 KLD
Waste water	Location & area of the STP:	STP 1 area : 250 sq. m , STP 2 Area : 40 sq. m
	Budgetary allocation (Capital cost):	Rs. 65,00,000 /-
	Budgetary allocation (O & M cost):	Rs. 15,00,000 /-
		d waste Management
Waste generation in	Waste generation:	30 kg/day
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Used within site
	Dry waste:	476.56 kg/day
	Wet waste:	671.04 kg/day
<b>TA</b> 7 <b>------------</b>	Hazardous waste:	Not applicable
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	17 kg/day
	Others if any:	E-waste : 4.10 kg/day

	SEAC Meeting No: 103 Meeting Date: February	Page 148		
Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020		Shri. Ani SEAC-III	

		Dry waste:		To authoriz	ed ven	dor				
		Wet waste		Treatment	of OWC	;				
Mode of Disposal Biomedia		Hazardous	-		Not applicable					
		Biomodical wasta (If		Not applica						
		STP Sludg sludge):	e (Dry	Dry Will be used as manure after treatment						
		Others if a	ny:	E-waste- To	SWAC	H				
		Location(s	):	On ground						
Area requirem	ent:	Area for th of waste & material:		38 sq. m						
		Area for m	achinery:	47 sq. m						
Budgetary		Capital cos	st:	Rs. 17,59,0	00 /-					0
(Capital cost): O&M cost):		O & M cos	t:	Rs. 5,07,84	0 /-				0	
			37.Ef	fluent C	hared	cter	estics			
Serial Number	Paran	neters	Unit	Inlet E Charect		-	Outlet I Charect			Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable	Not ap	plicable	9	Not apj	plicabl	e	Not applicable
Amount of e (CMD):	ffluent gene	ration	Not applica	able						
Capacity of	Capacity of the ETP: Not applicable									
Amount of tr recycled :	reated efflue	ent	Not applica	able						
Amount of w	vater send to	o the CETP:	Not applica	able	5					
Membership	o of CETP (if	require):	Not applica	able						
Note on ETF	o technology	to be used	Not applica	able						
Disposal of t	the ETP slud	lge	Not applica	nble						
			<b>38.H</b> a	zardous	Was	te D	etails			
Serial Number	Descr	iption	Cat	UOM	Exist	ing	Proposed	Total		Method of Disposal
1	Not app	olicable	Not applicable	Not applicable	No applio		Not applicable		ot cable	Not applicable
			<b>39.S</b> t	tacks em	issio	n De	etails			
Serial Number	Section	& units		sed with ntity	Stack No.		Height from ground level (m)	dian	rnal neter n)	Temp. of Exhaust Gases
1	Not app	olicable	Not applicable		No applic		Not applicable		ot cable	Not applicable
			40.De	tails of <b>F</b>	^r uel t	o be	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed			Total
1	Not	applicable	ľ	Not applicabl	e	Ν	lot applicabl	е		Not applicable
I     Not applicable     Not applicable     Not applicable       41.Source of Fuel     Not applicable     Not applicable										
41.Source of	f Fuel		Not a	applicable						

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Thaten			Signature: Je-la-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 149	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

		Total RG a	rea :	Total RG ar	ea: 3074.02	sq. M			
		No of trees	s to be cut	0					
	43.Green Belt		f trees to	0					
Develop	oment	List of pro native tree		390 (Existin	ng 315 + Pro	posed 75)			
		Timeline f completion plantation	n of	Up to comp	letion projec	t			
	<b>44.Nu</b>	mber and	l list of t	trees spe	cies to b	e plante	ed in the ground		
Serial Number	Name of	the plant	Commo	on Name	Quai	ntity	Characteristics & ecological importance		
1	Tabebuia	Argentia	Yellow tru	umpet tree	1	5	Medium size deciduous tree , yellow flowering tree.		
2	Lagerstro	mia indica	Tai	man	3	0	State flower of maharashtra, medium size tree with beautiful purple flower.		
3	Ficus R	eligiosa	Pe	epal	1	5	Large Semi-Evergreen tree, sacred tree of india		
4	Azadirac	Azadirachta indica		Neem		0	Semi - evergreen / shady tree with medicinal value.		
5	Tabebu	Tabebuia rosea Ro		Rosy trumpet tree		5	Medium size deciduous tree , Pink flowering tree		
6	Bahunia	Bahunia purpurea		Kanchan		5	Medium size pink flowering tree		
7	Bahunia t	a tomentosa		chnar		5	Medium size yellow flowering tree		
8	Mimosop	Mimosopus Elengi		Bakul		0	Medium size evergreen tree with medicinal value		
9	Plumer	ria Alba	White franjipani		i 40		Evergreen medium size white flowering tree, medicinal value		
10	Plumeri	a Rubra	Red franjipani		35		Evergreen medium size white flowering tree, medicinal value.		
11	Jacaranda	Mimosifolia	Jaca	randa	1	0	Deciduous tree, spreading type with purple flowering		
12	Michelia	Michelia champaca Sonchafa		chafa	65		Medium size evergreen tree. Fragrant yellow flowers,butterfly host plant		
13	Saraca	Indica	Sita A	Ashoka	3	5	Medium size sacred tree of India with medicinal value		
14	Psidium	guayava	Ga	uva	25		Medium sized fruit bearing tree, medicinal plant-good source of calcium and vitamin C.		
15	Achras	Achras sapota Chikoo 25		5	Medium sized fruit bearing tree, medicinal value,bird attracting tree				
43	5.Total qua	ntity of plar	its on grou	nd			·		
46.Nun	nber and	list of sl	nrubs an	d bushes	s species	to be p	lanted in the podium RG:		
Serial Number		Name		C/C Dista		-	Area m2		
1		NA		NA			NA		

Joy S. Thakur Thatur Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Name: K are Ami D Signature:
SEAC-III)	13, 2020	SEAC-III)

			47.Energ	TV			
		Source of power	MSEDCL	<b>J</b> J			
		supply : During Construction Phase: (Demand Load)	30 KW				
		DG set as Power back-up during construction phase	40 KVA				
		During Operation phase (Connected load):	2933 KW ( 3259 k	IVA )			
Power requiremen	t:	During Operation phase (Demand load):	1394 KW ( 1549 k	IVA )			
		Transformer:	22KV/630 KVA - 3	No's			
		DG set as Power back-up during operation phase:	2 x 125 KVA & 10	0 KVA			
		Fuel used:	5 KVA ( For 100% ) & 22 lit/hr For 100 KVA ( For				
		Details of high tension line passing through the plot if any:	No				
48.Energy saving by non-conventional method:							
<ul> <li>Solar lights will b</li> <li>CFL &amp; LED based compound walls etc</li> <li>Auto Timer Switc</li> <li>Lights, for saving e</li> <li>Water Level Cont</li> <li>To create awaren</li> <li>Lights.</li> <li>Energy Saving Ac</li> </ul>	ing S e pr l ligh c. hes lectr rolle ess t	Systems Will Be Done For ovided for common amen nting will be done in the c will be provided for Stree rical energy. ers with Timers will be us	ities like Street lig common areas, land t lights, Garden lig ed for Water Pump wner, for using end	dscape areas, signage's, Entry gates and boundary hts, Parking & staircase Lights & Other Common Area s. ergy efficient light fittings like CFL, T5 Lamps & LED			
		49.Detail	calculations	& % of saving:			
Serial Number	Ē	Inergy Conservation Me	easures	Saving %			
		age Savings Per Day. For n KWH for Solar Power, H Lighting Details		14.72 %			
50.Details of pollution control Systems							
Source	Ex	isting pollution contro	l system	Proposed to be installed			
Not applicable		Not applicable		Not applicable			
Budgetary allocat		Capital cost:	Rs. 74,80,000 /-				
(Capital cost an O&M cost):	a	O & M cost:	Rs. 1,38,000/-				
51.Env	ir	onmental Mar	nagement j	plan Budgetary Allocation			

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 151	Name: Kare Apir D Signature: Journan Shri. Anil Kale (Chairman SEAC-III)
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	a)	Construc	ction p	ohase	e (v	vith Brea	ak-u	<b>p):</b>		
Serial Number	Attributos Paramotor				Total Cost per annum (Rs. In Lacs)					
1	Air	Erosion con suppression and bar			Rs. 1,06,000/-					
2	Land	Site Sa	nitation					Rs. 26,50	0 /-	
3	Health & safety	Site S	Safety					Rs.88,00	0 /-	
4	Environment management	-	nmental toring				Ι	Rs. 1,20,0	00/-	
5	Health & safety	Disinfec Health C	tion and heck-ups	6				Rs. 45,00	0 /-	
	]	b) Operat	ion Ph	ase (	(wi	th Breal	k-up	):		
Serial Number	Component	Descr	iption	C	Capi	tal cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)
1	Sewage Treatment Plant	2 S	TPs		Rs	. 65,00,000	/-		Rs. 15,00,	000 /-
2	Rain Water Harvesting	g 14 i	no's		Rs	s. 4,50,000 /		Rs. 30,000 /-		
3	Solid Waste Management	OV	OWC			Rs. 17,59,000 /-		Rs. 5,07,840 /-		
4	Green Belt Development	390	390 trees		Rs. 38,42,525 /-		Rs. 2,88,000 /-			
5	Energy	Solar s	system		Rs. 74,80,000 /-		Rs. 1,38,000/-			
6	Swimming pool	01	no		Rs. 20,00,000 /-			Rs. 1,00,000 /-		
7	Environmental Monitoring	-	onment jement			-	Rs. 8,90,000/-		000/-	
<b>51.S</b>	storage of cho	emicals		ama stan		-	osiv	/e/haz	zardou	s/toxic
Description Status		Location	Location Ca		ge ity T	Maximum Quantity of Storage at any point of time in MT	/ M	umption onth in MT	Source of Supply	Means of transportation
Not app	Not applicable Not applicable		able	Not applical	Not oppl		pplicable	Not applicable	Not applicable	
		52.A	ny Otl	her Ir	nfo	rmation				
No Informa	tion Available									
		53.	Traffi	c Mar	naç	jement				
			Existing	g 60.00 :	m w	vide Pune-Al	landi 1	road		



		ber and area of ment:	1 no. Area : 2034.69 sq. m					
	Num podia	ber and area of a:	No					
	Total	l Parking area:	16955.40 sq. m					
	Area	per car:	30 sq. m					
	Area	per car:	30 sq. m					
Parking details:	Whee appro	ber of 2- elers as oved by petent ority:	Scooters : 976, cycles : 891					
	Whee appro	ber of 4- elers as oved by oetent ority:	445		300			
	Publi	ic Transport:	Pune city buses					
		h of all Internal s (m):	6.00 m & 12.00 m					
		CRZ/ RRZ clearance     Not applicable						
	Prote Critic areas areas boun	ance from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	None within 10 km					
	schee	gory as per dule of EIA fication sheet	B2					
	Cour if any	t cases pending y	No					
		r Relevant mations	No					
	subm Appli	you previously nitted ication online OEF Website.	No					
		of online nission	-					
SEAC	DIS	CUSSION	<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	-							
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)		SEAC Meeting No	o: 103 Meeting Date: February 13, 2020	Page 153 of 170	Name: Kare Amir D Signature: Journan Shri. Anil Kale (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

che project by

Joy S. Thakur Joy S. Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February 13, 2020 Page 154 of 170 Secretary

I ULAI FIUL A	Area (sq. m.)		36300 sq. M	
Deductions	3		16248.56 sq. M	
Net Plot ar	ea		20051.48 sq. M	
Proposed E	Built-up Area (FSI & Non-FSI) (m ² )		70206.54 sq. m	
FSI area (n	n²)		35695.43 sq. m	
Non FSI ar	ea (m²)		34511.11 sq. m	
Total built	up area approved by planning authority		70206.54 sq. m	0
Total grou	nd coverage (m²)		5269.04 sq. M	3
Ground-cov	verage Percentage (%)		26.27 %	
Estimated	cost of the project (in Rs.)		Rs. 98 Cr	
Number of	buildings & its configuration:			
S. No.	Building Name & number	Number of flo	ors	Height of the building (Mtrs)
1	Row house R1 to R12	Ground +1 flo	or	6.25 m
2	Villa 1-10	Ground +1 flo	or	6.28 m
3	Building A1	Parking +11 f	loors	35.14 m
4	Building A2	Parking +11 f	loors	34.99 m
5	Building A3	Parking +11 f	loors	34.99 m
6	Building A4	Parking +11 f	loors	34.99 m
7	Building A5	Parking +11 f	loors	34.99 m
8	Building A6	Lower Parking + 10 floors	g + Upper Parking	35.72
9	Building A7	Ground + Pod floors	ium Parking +12	41.58
10	Amenity (Commercial)	Lower Ground floors	l + Ground + 4	17.83
11	Club house	Ground +1 flo	or	6.28

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

Joy S. Thakur Shaluw		Name: Kare Amil D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	SEAC-III)

# **DECISION OF SEAC**

#### **During discussion following points emerged:**

1. PP to ensure continuous monitoring of pH, TSS and DO for the STP. PP to install ozonation on existing STP.

2. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.98 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 73.5 Lakh which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.98 Cr for the project completion period.

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

*****

**Specific Conditions by SEAC:** 

Silce

## FINAL RECOMMENDATION

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



## 103 SEAC-3 day 03

SEAC Meeting number: 103 Meeting Date February 13, 2020

Subject: Environment Clearance for	r Residential and Commercial development
Is a Violation Case: Yes	
1.Name of Project	"Aura County" Residential and commercial development.
2.Type of institution	Private
3.Name of Project Proponent	M/s Bhagvati Infra formerly known as M/s Jalan Maple Shelters through Mr. Vijay N Jalan
4.Name of Consultant	SD Engineering Services Pvt. Ltd.
5.Type of project	Residential and Commercial development.
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	New project
8.Location of the project	Gat No. 1347/1, 1343(P), 1347/5, Near Kharadi Jakat Naka, Ubalenagar, Nagar Road, Wagholi - Pune 412 207
9.Taluka	Haveli
10.Village	Ubalenagar, Wagholi.
Correspondence Name:	Vijay Jalan
Room Number:	Office Nos. 302/303
Floor:	Third floor
Building Name:	Park Plaza
Road/Street Name:	Dr. Ketkar Road, Kamla Nehru Park.
Locality:	Erandwane
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Metropolitan Region Development Authority (PMRDA)
12.IOD/IOA/Concession/Plan	BHA/1734/15-16 dated 28-07-2016 for FSI – 51,455.13 Sq. m, Non FSI 31,569.25 Sq. m. and Total BUA 83024.38 sq. m
Approval Number	IOD/IOA/Concession/Plan Approval Number: BHA/1734/15-16 dated 28-07-2016
	Approved Built-up Area: 83024.38
13.Note on the initiated work (If applicable)	FSI 34736.96+ NON FSI 22455.06 = Total BUA 57192.02
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	55724.00
16.Deductions	5,626.50 (road widening) + 7514.63 (Amenity area) = 13,141.13 Sq.m.
17.Net Plot area	42582.87
	a) FSI area (sq. m.): 59,121.08
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 35,768.95
	c) Total BUA area (sq. m.): 94890.03
	Approved FSI area (sq. m.): 51,455.13
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 31,569.25
Don	Date of Approval: 28-07-2016
19.Total ground coverage (m2)	7790.45
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.29
21.Estimated cost of the project	215000000
1 3	l.

# 22.Number of buildings & its configuration

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 13, 2020	Page 157	Name: Kart Ami D Signature: Acolor Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number			Number of floors			Height of the building (Mtrs)		
1	Buildir	ilding A Gat No.1347/5				P+8		25.80	
2	Buildir	Building B Gat No.1347/5				P+8		25.80	
3	Buildir	ng C G	at No.1	347/5		P+8		25.80	
4	Buildir	ng D G	at No.1	347/5		P+8		25.80	
5	Buildir	ng E Ga	at No.1	347/5	2P (Parl	cing + Podium) +1	2	40.05	
6	Building	g F Ga	t No.13	43/A/2	2P (Parl	cing + Podium) +1	.1	37.20	
7	Buildir	ng G G	at No.1	347/5		P+11		34.20	
8	Buildin	g A 1 C	Gat No.	1347/1		P+10		31.35	
9	Buildin	g B1 G	lat No.	1347/1		P+10		31.35	
10	Buildin	g C1 G	at No.	1347/1		P+10		31.35	
11	Buildin	g D1 G	Sat No.	1347/1		P+12		37.20	
12	Buildin	g E1 G	lat No.1	1347/1		P+7		22.95	
13	Buildin	g F1 G	at No.1	1347/1		P+9		28.65	
14	Hote	el Gat i	No.134	7/1		G+5		17.40	
15	Club Ho					G+1		7.62	
16	Club Ho	use 2 (	Gat No.	1347/1		G+1		7.62	
23.Number tenants an			no. of buildir	Fenants: - 1 ng 1no.	079 Nos.				
24.Number expected r users									
25.Tenant per hectar		253 T	'enant /	hectare					
26.Height building(s)									
(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)								
for easy ac fire tender movement around the excluding	28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation								
29.Existing structure (		7 Bui	ldings,	1 hotel, 1 c	lub house				
demolition disposal (I	30.Details of the demolition with disposal (If applicable) Existing STP will be demolished and debris will be used within site								
31.Production Details									
Serial Number	Product Existing		(MT/M)	Proposed (MT	/M)	Total (MT/M)			
1	Not applicable Not app			olicable	Not applicabl	e	Not applicable		
			3	2.Tota	l Wate	r <b>Require</b> r	nent		
Joy S.Thakur (Secretary         SEAC Meeting No: 103 Meeting Date: February         Page 158         Signature									

		Source of wa	ter	Local Body							
		Fresh water	(CMD):	491 Residential + 19 Commercial							
Recycled water - Flushing (CMD):				243 Residential + 15 Commercial							
		Recycled wat Gardening (C		31							
		Swimming po make up (Cu		00							
Dry seasor	1:	Total Water Requirement :	: (CMD)	799							
		Fire fighting Underground tank(CMD):		300 Resider	ntial + 50 Com	mercial		0			
		Fire fighting Overhead wa tank(CMD):		20 Resident	ial + 20 Comm	nercial	0	9.5			
		Excess treate	ed water		ntial + 14 Com	mercial					
		Source of wa		Local Body							
		Fresh water	· ·	491 Residen	ntial + 19 Com	mercial					
		Recycled wat Flushing (CM		243 Resider	ntial + 15 Com	mercial					
	Recycled water - Gardening (CMD): 00										
		Swimming po make up (Cu		00							
Wet seaso	n:	Total Water Requirement :	: (CMD)	768							
		Fire fighting Underground tank(CMD):		300 Residential + 50 Commercial							
		Fire fighting Overhead wa tank(CMD):	ter	20 Resident	ial + 20 Comm	nercial					
		Excess treate	ed water	417 Residen	ntial + 15 Com	mercial					
Details of an pool (If an		NA									
		33	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	sumption (CM	D)	1	Loss (CMD)		Efi	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Fresh water requireme nt	309	201	510	31	20	51	278	181	459		
Domestic	157	101	258	16	10	26	141	91	232		
Gardening	21	10	31	21	10	31	00	00	00		

Joy S. Thakur That Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 159	
SEAC-III)	13, 2020	of 170	SEAC-III)

	Level of the Ground water table:	Rainy Season - 6.00 m. to 10.0	21.50 m. BGL. (19.75 m. Average) BGL. 0 BGL. (8.00 m. Average) BGL. Winter BGL. (13.875 m. Average) BGL.				
	Size and no of RWH tank(s) and Quantity:	NA					
	Location of the RWH tank(s):	NA					
	Quantity of recharge pits:	Total 23 Nos. (14 for roof top &	x 9 for surface run off)				
34.Rain Water Harvesting (RWH)	Size of recharge pits :	well via 1 no. of de-siltation ch 2.50 M. X 2.50 M. X 2.00 M. de	depth with 50 to 60 m. deep 6" Dia. bore amber of 0.9 m. dia. 1.0 m. deep & b) epth with 50 to 60 m. deep 6" dia. bore ambers of 0.9 m. dia. 1.0 m. deep.				
	Budgetary allocation (Capital cost) :	28.75 Lacs	03				
	Budgetary allocation (0 & M cost) :	1.00 Lacs/annum	35				
	Details of UGT tanks if any :	Commercial 24	+ Commercial 28				
	•						
	Natural water drainage pattern:	North to South East					
35.Storm water drainage	Quantity of storm water:	28,993.42 m3/yr i.e.579.87 m3/day considering 849.30 mm average rain fall in 50 days per year.					
	Size of SWD:	600 mm					
	_						
	Sewage generation in KLD:	Residential 660 + Commercial	30				
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	3 No. of STP - capacity 600 KL (Residential) + 80 KL (Residential Pre- fab) & 35 KL (Commercial)					
Waste water	Location & area of the STP:	Near hotel , near building F and building G					
	Budgetary allocation (Capital cost):	Residential 32 Lacs + Resident Lacs	tial Prefab 27 Lacs + Commercial 7.5				
	Budgetary allocation (O & M cost):	Residential 23.55 Lacs/annum Commercial 7.10 Lacs/annum	+ Residential Prefab 7.9 Lacs/annum +				
	36.Soli	d waste Managem	ent				
Waste generation in	Waste generation:	10 Kg/day					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:		aping and remaining will be used for				
	Dry waste:	Residential 1079 Kg/day + Cor	nmercial 48 Kg/day				
	Wet waste:	Residential 1619 Kg/day + Cor	nmercial 71 Kg/day				
Wasto concretion	Hazardous waste:	Negligible					
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA					
1 14001	STP Sludge (Dry sludge):	Residential 100 Kg/day + Com	mercial 5 Kg/day				
	Others if any:	E waste- Residential 7 Kg/day					
Joy 5.1nakur (Secretary SEAC-III)	SEAC Meeting No	: 103 Meeting Date: February 13, 2020	Page 160 Snri. Anii Kale (Chairman of 170 SEAC-III)				
		10, 2020					

		Dry waste:		Handed ove	er to au	thoriz	zed recyclers	5	
		Wet waste	•	Treated in Organic Waste Converter					
		Hazardous	Handed ove	er to au	thoriz	zed vendor			
Mode of Disposal of waste: Biomedical waste (If applicable):			NA						
		STP Sludg sludge):	e (Dry	Will be use	d as ma	nure			
		Others if a	ny:	E waste- Ha	anded o	ver to	o Authorized	Vendor	
		Location(s	):	Near Hotel	, near l	ouildi	ng A and bui	lding G	
Area requirem	ent:	Area for th of waste & material:		Residential	1-95+	- Resi	idential 2 - 4	5 + Comme	rcial 41 Sq.m.
		Area for m	achinery:	considered	in abov	re			
	allocation	Capital co	st:	Residential	1 - 27.4	41 + i	Residential 2	- 9.85 + Co	ommercial 8.69 Lacs
(Capital co O&M cost)		O & M cos	t:	Residential	1 - 10.4	17+ F	Residential 2	- 2.06 + 2.0	)6 Lacs/annum
			37.Ef	fluent C	harec	ter	estics		
Serial Number	Paran	neters	Unit	Inlet E Charect			Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable	Not ap	plicable	<del>)</del>	Not app	plicable	Not applicable
Amount of e (CMD):	effluent gene	eration	Not applicable						
Capacity of	the ETP:		Not applica	ble					
Amount of t recycled :	created efflue	ent	Not applicable						
Amount of v	water send to	o the CETP:	Not applica	ble					
Membershi	p of CETP (if	require):	Not applica	ble					
	P technology		Not applica						
Disposal of	the ETP sluc	lge	Not applica						
			<b>38.</b> Ha	zardous	Wast	te D	etails		
Serial Number	Descr	iption	Cat	UOM	Exist	ing	Proposed	Total	Method of Disposal
1	Not apj	plicable	Not applicable	Not applicable	No applic	-	Not applicable	Not applicable	Not applicable
			<b>39.S</b> t	acks em	issio	n De	etails		
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack	tack No. Height from ground level (m)		Internal diameter (m)	Temp. of Exhaust Gases
1	2 x 18	0 kVA	Die	esel	02		6.68	0.10	500
2	2x 25	0 kVA	Die	esel	02		7.1	0.12	500
			40.De	tails of <b>F</b>	uel t	o be	e used		
Serial Number	Тур	e of Fuel		Existing			Proposed		Total
1		Diesel		Diesel			Diesel		Diesel
41.Source of	of Fuel		Autho	orized Deale	r				
42.Mode of	Transportat	ion of fuel to	site By ro	ad					

Joy S. Thakur			Name: Kart Amil D
Thatsur			Signature: Dela
Iou & Thelium (Cooretern)	SEAC Mosting No. 102 Mosting Data, February		
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 101	Shri. Ann Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

	Total RG area :		rea :	5009.26 sq.m						
		s to be cut	0							
			Number of trees to be planted :		No. of trees required: 532, Existing trees on net plot 501, Trees to be transplanted 69, Additional plantation 111					
				As below						
		Timeline f completion plantation	n of							
	<b>44.Nu</b>	mber and	d list of t	rees spe	cies to be plant	ted in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Bauhenia	purpurea	KANO	CHAN	7	Flowering and bird attracting tree				
2	Cassia	fistula	BAH	AVA	2	Drought tolerant, ornamental & medicinal plan				
3	Teak	wood	SA	AG	1	Deciduous tree.				
4		caena cephala	SUBA	ABUL	61	Deciduous tree and used for for fodder				
5	Deloni	x regia	GULM	OHAR	81	Flowering and bird attracting tree				
6	Terminal	ia catappa	BAI	DAM	12	Fruit bearing tree				
7	Arau	ıcaria CHRISTS		MAS TREE	3	Evergreen and bird attracting tree				
8	Thevetia	peruviana	BITTI		36	flowering and evergreen tropical shrub				
9	Samane	ea saman RAIN		TREE 6		shade tree, spreading deciduous and bird attracting tree				
10		hodea anulata	TULIP	TULIP TREE 2		flowering and bird attracting tree				
11	Azardirac	hta indica	NE	EM	52	Evergreen medicinal and bird attracting tree				
12	Tabebuia	a argentia	TRMUPI	ET TREE	4	Deciduous, flowering and bird attracting tree				
13	Syzygiu	m cumini	JAME	BHUL	11	Fruit bearing and bird attracting tree				
14	Syzygiu	m guava	GUA	AVA	6	Fruit bearing tree				
15	Plume	ria alba	CH	AFA	1	flowering and bird attracting tree				
16	Polyalthia	longifolia	ASH	łok	3	Evergreen, and bird attracting tree				
17	Carica	papaya	PAP	AYA	5	Evergreen and fruit bearing tree				
18		a pinnate	KAR	ANJ	3	Evergreen and bird attracting tree				
19		bhorum arpum	COPPE	R POD	12	Evergreen, flowering and bird attracting tree				
20		nucifera		ONUT	18	Evergreen and fruit bearing tree				
21	-	a oleifera	SHE	VGA	1	fruit bearing tree				
22	pulch	alpinia errima		KASUR	8	deciduous and bird attracting tree				
23	Callistmo	on citrinus	BOTTLE	BRUSH	3	Flowering and bird attracting tree				
24	Ficus ra	acemosa	UM	BER	1	Fruit bearing tree				
25	Plumeri	a obtusa	CH	AFA	1	Flowering and bird attracting tree				

Joy S. Thakur			Name: Kare Ani) D
Thaten			Signature: Ach-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 162	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

26	Nyctanthes arbor- tristis	PARIJATAK	1	flowering and bird attracting tree		
27	Swetenia mahogony	MAHAGONY	1	Evergreen medicinal and bird attracting tree		
28	Tamarindus indica	CHINCH	9	Fruit bearing and bird attracting tree		
29	jacaranda mimosifolia	JACARANDA	5	flowering and bird attracting tree		
30	Annona squamosa	SITAPHAL	1	fruit bearing tree		
31	Artocarpus heterophyllus	PHANAS	1	fruit bearing and bird attracting tree.		
32	Tabebuia argentea	ROSY TRUMPET TREE	1	Deciduous, flowering and bird attracting tree		
33	Tecoma gaudichaudi	TECOMA	17	flowering and bird attracting tree		
34	Nerium oleander	NERIUM	5	Evergreen, flowering and bird attracting tree		
35	Mascarena lagenicaulis	BOTTLE PALM	5	Evergreen tree		
36	Foxtail palm	FOXTAIL PALM	12	Evergreen and bird attracting tre		
37	Areca palm	ARECA PALM	40	Evergreen, and bird attracting tr		
38	Plumeria rubra	Pink CHAFA	1	flowering and bird attracting tre		
39	Lagerstroemia speciosa	LAGESTROMIA	1	flowering and bird attracting tre		
40	Bambusa valgaris	BAMBOO	3	Evergreen and used for a variety purposes, primarily for use in ligh construction such as houses, huts boats.		
41	Ficus religiosa	PIMPAL	18	Evergreen and bird attracting tre		
42	Cascabela thevetia	THEVETIA	33	Evergreen flowering and bird attracting tree		
43	Casuarina	SURU	5	deciduous tree		
44	Bugainvillea galbra	BUGAINVILLEA	1	Evergreen, flowering and bird attracting tree		
45	Butea monosperma	FLAME OF FOREST	1	flowering and bird attracting tre		
46	Proposed tree list mentioned below	Proposed tree list mentioned below	Proposed tree list mentioned below	Proposed tree list mentioned belo		
47	Jacaranda mimosifolia	JACARANDA	4	flowering and bird attracting tre		
48	Tabebula argentia	TRUMPET TREE	5	Flowering tree		
49	Saraca indica	SITA ASHOK	6	Evergreen and bird attracting tre		
50	Plumeria alba	Chafa	7	Flowering tree		
51	Azardiractha india	NEEM	5	Evergreen medicinal and bird attracting tree		
52	Tabebulia rosea	PINK TRUMPET TREE	2	Deciduous, flowering and bird attracting tree		
53	Peltophorum petrocarpum	COPPER POD	4	Evergreen, flowering and bird attracting tree		
			4	Flowering tree		
54	Mimusops elengi	BAKUL TREE		Flowering tree		
54 55	Mimusops elengi Cassia fistula	BAKUL TREE BAHAWA TREE	5			
			5			
55	Cassia fistula	BAHAWA TREE		Flowering tree		

Joy S. Marun			Name: Kart Amin D
Thaten			Signature: Jo-la-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 163	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

50	D .			TZAD	ANT				
59	-	a pinnate KARA			5	6 5		Evergreen and bird attracting tree           Flowering & bird attractive tree	
60 61	Lagestrom	mia hotensis INDIAN CO		IAN	7		Flowering & bird attractive tree		
01	Lagestrom	la speciosa	a speciosa TAM			/		Evergreen fruit bearing and bird	
62	Swietenia	mahagony	Ν	MAHA	GONY	GONY 6		attracting tree	
63	Mangife	ra indica		MAN	NGO	5	<b>j</b>	Evergreen fruit bearing and bird attracting tree	
64		ebestena			RDIA	2		Flowering tree	
65	5	na indica	INDIA		ORAL TREE	2		Flowering tree	
66		s excelsa		Mar	rukh	4		Flowering tree	
67		n cumini		Jan	nun	8	}	Fruit bearing tree	
68		arpus phyllus		Jack	fruit	7	,	Fruit bearing tree	
45	5.Total quai	ntity of plan	nts on g	groui	nd				
<b>46.Num</b>	nber and	list of s	hrubs	s an	d bushes	s species	to b	e planted in the podium RG:	
Serial Number		Name			C/C Dista	nce		Area m2	
1		00			00			00	
					<b>47.E</b> r	nergy			
		Source of supply :	power		MSEDCL		$\bigcirc$		
		During Co Phase: (De Load)		tion	100 KW				
DG set as Power back-up during construction phase			ise	62,5 KVA					
Dee		During Op phase (Cor load):			Residential – 5007 KW Hotel- 752 KW				
require	wer ement:	During Op phase (De load):		n	Residential – 3429 KW Hotel – 500 KVA				
		Transform	er:		22KV / 630 KVA - 6 No & 22KV / 630KVA - 1 No				
		DG set as back-up d operation	uring		2 x 180 kVA, 2 x 250 kVA				
		Fuel used:			Diesel				
Details of high tension line passing through the plot if any:					Yes				
		<b>48.Ene</b>	ergy s	savi	ng by no	n-conven	tion	al method:	
<ul> <li>2.1) Bollard</li> <li>2.2) Recess</li> <li>2.3) Plante</li> <li>3.1) Solar S</li> <li>3.2) Street 1</li> <li>4) Energy S</li> </ul>	Lighter - Lighter - Light es Wall Light r Wall Light treet Light F Light on the aving by Sol	For Commor ght Fitting F t - Light Fitti - Light Fittin Fitting - Pole Bldg.Solar v lar Hot Wate	a Areas for Land ing For ng for L Light ( vater he r Syste	i.e. B dscap Land Landsc On Ro eating em.	ldg. Parking, e Area. Iscape Area. cape Area. ad Side. g system	, Staircase, F	assag	e & Terrace Floor.	
Signature: A					Page 164 Shri. Anil Kale (Chairman				

Serial	4	9.Detail calculatio	ns & % of saving:		
Serial Number	Energy Cons	ervation Measures	Saving %		
1		For Common Areas i.e. Blo Passage & Terrace Floor.	lg. 19.84 %		
2	2.1) Bollard Lighter -	Light Fitting For Landscap Area.	e Included in above		
3		l Light - Light Fitting For scape Area.	Included in above		
4	2.3 ) Planter Wall Light	t - Light Fitting for Landsca Area.	Included in above		
5	3.1) Solar Street Light	t Fitting - Pole Light On Ros Side.	ad Included in above		
6	3.2) Street	Light on the Bldg.	Included in above		
7	4) Energy Saving by	y Solar Hot Water System.	Included in above		
8	3429 x 15% = 514.3	m ( 15% of Connected Load 35 KW = 514.35 x24 Hrs = 44.4 KWH)	- Included in above		
	50	.Details of pollutio	on control Systems		
Source	Existing pollu	ition control system	Proposed to be installed		
STP		2	Commercial STP will be retained, Existing Residential STP will be replaced & another STP proposed		
OWC		1	3		
	allocation Capital co	st: 154.50 Lakhs			
	cost and cost): 0 & M cos	t: 4.43 Lakhs/an	mum		
			Intuili		
51	Environmen	tal Managemer			
51			nt plan Budgetary Allocation e (with Break-up):		
51 Serial Number			nt plan Budgetary Allocation		
Serial	a)	Construction phas	nt plan Budgetary Allocation e (with Break-up):		
Serial Number	a) Attributes	Construction phas Parameter Water For Dust	<b>at plan Budgetary Allocation</b> <b>e (with Break-up):</b> Total Cost per annum (Rs. In Lacs)		
Serial Number 1	a) Attributes Air Environment	Construction phas Parameter Water For Dust Suppression Air & Noise	t plan Budgetary Allocation e (with Break-up): Total Cost per annum (Rs. In Lacs) 1.2		
Serial Number 1 2	a) Attributes Air Environment Air Environment	Construction phas         Parameter         Water For Dust         Suppression         Air & Noise         monitoring         Tanker Water For	t plan Budgetary Allocation e (with Break-up): Total Cost per annum (Rs. In Lacs) 1.2 0.48		
Serial Number 1 2 3	a) Attributes Air Environment Air Environment Water Environment	Construction phas         Parameter         Water For Dust         Suppression         Air & Noise         monitoring         Tanker Water For         Construction	At plan Budgetary Allocation         e (with Break-up):         Total Cost per annum (Rs. In Lacs)         1.2         0.48         1.00		
Serial Number 1 2 3 4	a) Attributes Air Environment Air Environment Water Environment Water Environment	Parameter         Water For Dust Suppression         Air & Noise monitoring         Tanker Water For Construction         Water Monitoring         Site Sanitation- Mobile	At plan Budgetary Allocation         e (with Break-up):         Total Cost per annum (Rs. In Lacs)         1.2         0.48         1.00         0.6		
Serial           1           2           3           4           5	a) Attributes Air Environment Air Environment Water Environment Water Environment Land Environment Biological	Construction phas         Parameter         Water For Dust Suppression         Air & Noise monitoring         Tanker Water For Construction         Water Monitoring         Site Sanitation- Mobile toilets	At plan Budgetary Allocation         e (with Break-up):         Total Cost per annum (Rs. In Lacs)         1.2         0.48         1.00         0.6         3.2		
Serial         1         2         3         4         5         6	a) Attributes Air Environment Air Environment Water Environment Water Environment Land Environment Biological Environment Socio- Economic	Construction phasParameterWater For Dust SuppressionAir & Noise monitoringTanker Water For ConstructionWater MonitoringSite Sanitation- Mobile toiletsTop soil preservationDisinfection- Pest	At plan Budgetary Allocation         e (with Break-up):         Total Cost per annum (Rs. In Lacs)         1.2         0.48         1.00         0.6         3.2         1		
Serial         1         2         3         4         5         6         7	a) Attributes Air Environment Air Environment Water Environment Uand Environment Biological Environment Socio- Economic Environment Socio- Economic	Construction phasParameterWater For Dust SuppressionAir & Noise monitoringAir & Noise monitoringTanker Water For ConstructionWater MonitoringSite Sanitation- Mobile toiletsTop soil preservationDisinfection- Pest Control	At plan Budgetary Allocation         e (with Break-up):         Total Cost per annum (Rs. In Lacs)         1.2         0.48         1.00         0.6         3.2         1         1.8		

Joy S. Makur			Name: Kart Anil D
Thatan			Signature: Dela
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 165	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

		]	o) Operat	ion Pha	ase (wi	th Brea	k-up	):		
Serial Number	Component		Descr	ription	Сарі	tal cost Rs Lacs	s. In	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	1 STP			3 STP		Residential (Protab.)			Residential 23.55 + Residential (Prefab ) 7.9 + Commercial 7.10	
2	Rain Wate	er Harvesting	Rechar	rge Pits		28.75			1.00	)
3		d waste agement	OWO	C Unit	Resi	ential 1 27. dential 2 - 9 nmercial 8.	9.85		tial 1 10.47 2.06 Comme	+ Residential 2 ercial 2.06
4		en Belt lopment	Lands	scaping		80.0			8.0	
5	Energy c	conservation		iel & Solar heating		154.50			44.3	
6	Stor	m water	laying of s li	torm wate ne	r	6.48			0.5	~
7	Environment from MoEF approv Monitoring lab				d				2.88	}
<b>51.S</b>	storage	e of che	emicals		mabl tance	-	osiv	ve/haz	zardou	s/toxic
Descri	Description Status Loca		Locatio		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ M	umption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applic	able a	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Oth	er Info	rmatior	1			
No Informa	tion Availa	ble		7						
			53.	Traffic	Manag	gement				
				Traffic ge 60 m wid		from this pr	roject v	will conflu	ient on exis	ting 15 m and
	S									

Joy S. Thakur			Name: Kare Ani) D.
Thatan			Signature: Ach-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 166	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

	Number and area of basement:	NA
	Number and area of podia:	No. of Podia: 1 E Bldg- 1444.76 sq.m. F Bldg- 1632.96 sq.m
	Total Parking area:	13551.8 Sq.m
	Area per car:	Open parking: 25.00 & Covered parking 30.00
	Area per car:	Open parking: 25.00 & Covered parking 30.00
Parking details:	Number of 2- Wheelers as approved by competent authority:	1638
	Number of 4- Wheelers as approved by competent authority:	470
	Public Transport:	Nearest Bus Stop: Wagholi
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8
	Court cases pending if any	Court case pending vide R.C.C./400003/2015 pending at Chief Judicial Magistrate, Pune under Section 15 of Environment Of Pollution Act,1974
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	DISCUSSION	ON ENVIRONMENTAL ASPECTS
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	

Joy S. Thakur			Name: Kart Ani) D
Thaten			Signature: Jo-la-
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 167	Shri. Anil Kale (Chairman
SEAC-III)	13, 2020	of 170	SEAC-III)

## Brief information of the project by SEAC

natur Joy S.Thakur (Secretary SEAC-III)

Joy S. Thakur

SEAC Meeting No: 103 Meeting Date: February 13, 2020

Name: Kare Ani) D la-Signature: de Shri. Anil Kale (Chairman Page 168 SEAC-III) of 170

Total Plot Area (m2)	55,72	24.00				
Deductions (m2)		6.50 (road wic 11.13 Sq.m.	dening) + 7,514.63 (A	Amenity area) =		
Net Plot area (m2)	42,58	32.87 Sq. m				
Proposed FSI area (m2)	59,12	21.08				
Proposed non-FSI area (m2)	35,76	68.95				
Proposed TBUA (m2)	94,89	90.03				
TBUA (m2) approved by	51,45		r BHA/1734/15-16 da Non FSI 31,569.25 Sc			39
Planning Authority till date	Pune	Metropolitar	n Region Developmen	t Authority (PMI	RDA)	0.0
Ground coverage (m2) & %	7,790	).45 m² (18.29	9 %)			
Total Project Cost (Rs.)	Rs. 2	15 Cr				
Details of Building Configur	ation:					
Existing Building			Proposed Configura			
Building Name	Configuratior	Height (m)	Building Name	Configuration	Height (m)	
Building A Gat No.1347/5	Pk +8	25.80	Building E Gat	2P (Pk + Po)	40.05	
			No.1347/5	+12	40.05	
Building B Gat No.1347/5	Pk +8	25.80	Building G Gat No.1347/5	Pk +11	34.20	
Building C Gat No.1347/5	Pk +8	25.80	Building A 1 Gat No.1347/1	Pk +10	31.35	
Building D Gat No.1347/5	Pk +8	25.80	Building D1 Gat No.1347/1	Pk +12	37.20	
Building F Gat No.1343/A/2	2P (Pk + Po) +11	37.20	Building E1 Gat No.1347/1	Pk +7	22.95	
Building B1 Gat No.1347/1	Pk +10	31.35	Building F1 Gat No.1347/1	Pk +9	28.65	
Building C1 Gat No.1347/1	Pk +10	31.35	Club House 2 Gat No. 1347/1	G+1	7.62	
Hotel Gat No.1347/1	G+5	17.40				
Club House 1 Gat No.1347/5	G+1	7.62				

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

# **DECISION OF SEAC**

### **During discussion following points emerged:**

1. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 3.5652 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 3.1062 Lakh which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 3.5652 Cr for the project completion period.

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

**Specific Conditions by SEAC:** 

## FINAL RECOMMENDATION

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



### 103 SEAC-3 day 04

SEAC Meeting number: 103 Meeting Date February 14, 2020 Subject: Environment Clearance for Proposed Commercial Project at S.no.233/ B , Plot No - 6 to 11, Lohgaon, Pune Is a Violation Case: No **1.Name of Project** Proposed Commercial Building 2.Type of institution Private KAPPA REALTORS LLP **3.Name of Project Proponent** 4.Name of Consultant Vke:Environmental LLP **5.Type of project** Other 6.New project/expansion in existing project/modernization/diversification New Project in existing project 7.If expansion/diversification. whether environmental clearance NA has been obtained for existing project 8.Location of the project S.no.233/ B , Plot No - 6 to 11, Lohgaon, Pune Haveli 9.Taluka 10.Village Lohagaon **Correspondence Name:** Swaransingh Sohal **Room Number:** Floor: 6th floor **Building Name:** San Mahu Complex **Road/Street Name:** Bund Garden Road Opp Puna Club Locality: City: Pune 11.Whether in Corporation / Pune Municipal Corporation Municipal / other area IOD applied Date-24/06/2019 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: IOD Applied **Approval Number** Approved Built-up Area: 37875.49 13.Note on the initiated work (If NA applicable) 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 15.Total Plot Area (sq. m.) 5,477.46 sq.m **16.Deductions** 0.00 **17.Net Plot area** 5,477.46 sq.m a) FSI area (sq. m.): 16,581.71 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 21,293.78 Non-FSI) c) Total BUA area (sq. m.): 37875.49 Approved FSI area (sq. m.): 16581.71 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): 21293.78 DCR Date of Approval: 24-06-2019 19.Total ground coverage (m2) 2582.89 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 47.15% to sky) 21.Estimated cost of the project 1142500000

# 22.Number of buildings & its configuration

Joy S. Thakur		Name: Kare Amin D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Shri. Anil Kale (Chairman
SEAC-III)	14, 2020	SEAC-III)

Serial number	Buildin	g Nam	.e & n	umber	Nu	mber of floors	Н	eight of the building (Mtrs)		
1		Buildir	ng A			2B+G+2P+8		42.2		
	Number of ants and shops Showroom-9 No, Office:					taurant- 1No				
24.Number expected re users		3096 P	3096 Person							
25.Tenant per hectare	r hectare NA									
26.Height building(s)										
27.Right of (Width of t from the no station to t proposed b	the road earest fire the	30.0 M	I. Roa	d				00		
28.Turning for easy ac fire tender movement around the excluding t for the plan	cess of from all building the width	Turnin	round the building is 9m.							
29.Existing structure (		NA								
30.Details of the demolition with disposal (If applicable)						×				
				31.P	roduct	ion Detail	S			
Serial Number	Pro	duct		Existing	(MT/M) Proposed (MT/M)			Total (MT/M)		
1	N	A		N	JA NA NA					
			3	2.Tota	l Wate	r <mark>Require</mark> n	nent			
		Source	e of w	vater	PMC/Recyc	led water from STI	2			
		Fresh	wate	r (CMD):	77.00					
		Recycl Flushi			62.00					
	$\dot{\boldsymbol{\mathcal{C}}}$	Recycl Garde		ater - (CMD):	1.00					
	2	Swimming pool make up (Cum):			0					
Dry season	.:	Total Water Requirement (CMD) :			140					
		Fire fighting - Underground water tank(CMD):		200						
		Fire fighting -		20						
		Excess	s trea	ted water	58.00					
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)				o: 103 Meetii 14, 2020	ng Date: February	Page 2 o	f Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)			

Thatew			Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 2 of	Shri. Anil Kale
SEAC-III)	14, 2020	39	SEAC-III)

		Source of wa	ter	PMC/Recycle	ed water from	STP				
		Fresh water	(CMD):	77.00						
	Recycled water - Flushing (CMD):		62.00							
			0.00							
		Swimming po make up (Cu		0						
Wet seasor	1:	Total Water Requirement :	(CMD)	139						
		Fire fighting Underground tank(CMD):		200						
		Fire fighting Overhead wa tank(CMD):		20						
		Excess treate	d water	59.00				·		
Details of S pool (If any		NA				C				
		33.	Detail	s of Total	water co	nsume	d			
Particula rs	Cons	sumption (CM	D)	I	Loss (CMD)			Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Level of the ( water table:	Ground	30-35						
				30-33						
				NA						
		tank(s) and			t					
34.Rain V		tank(s) and Quantity: Location of t	he RWH	NA	t					
34.Rain V Harvestir (RWH)		tank(s) and Quantity: Location of t tank(s): Quantity of r	he RWH echarge	NA As per layou						
Harvestir		tank(s) and Quantity: Location of t tank(s): Quantity of r pits:	he RWH echarge rge pits location	NA As per layou 7 nos						
Harvestir		tank(s) and Quantity: Location of t tank(s): Quantity of r pits: Size of recha : Budgetary al	he RWH echarge rge pits location ) :	NA As per layou 7 nos 1.5mx1.5mx	1.5 m					
Harvestir		tank(s) and Quantity: Location of t. tank(s): Quantity of r pits: Size of recha : Budgetary al (Capital cost Budgetary al	he RWH echarge rge pits location : location	NA As per layou 7 nos 1.5mx1.5mx 8.75 lac	1.5 m m 16.00 CuM ) CuM					



	Natural w drainage j		Through Gravity					
35.Storm water drainage	Quantity of water:	of storm	0.1052 m3/sec					
	Size of SW	/ <b>D</b> :	300 mm X 450 mm					
	Sewage ge in KLD:	eneration	125 m3/day					
	STP techn	ology:	MBBR					
Sewage and	Capacity of (CMD):	of STP	1 No of 140 KLD					
Waste water	Location & the STP:	à area of	As per Layout					
	Budgetary (Capital c	v allocation ost):	46 lac					
	Budgetary (O & M co	v allocation st):	10.49 lac/annum					
		36.Solie	d waste Mana	gen	ient			
Waste generation in	Waste ger	eration:	20 kg / day					
the Pre Construction and Construction phase:	Disposal o constructi debris:		Excavated earth materia for Landscaping	al will	be used for fi	illing c	of plinth area & top soil	
	Dry waste		465 kg / day	3				
	Wet waste	•	310 kg / day					
Waste generation	Hazardous waste:		NA					
in the operation Phase:	Biomedica applicable	al waste (If e):	NA					
	STP Sludg sludge):	je (Dry	21 kg / day					
	Others if a	any:	NA					
	Dry waste		Handed Over to SWACH					
	Wet waste		Organic Waste Composi	er				
	Hazardou	s waste:	NA					
Mode of Disposal of waste:	Biomedical waste (If applicable):		NA					
	STP Sludg sludge):	je (Dry	Used as Manure					
	Others if a	any:	NA					
	Location(		As per layout					
Area requirement:	Area for the of waste & material:	he storage a other	12.5					
	Area for n	nachinery:	23.5					
Budgetary allocation	Capital co	st:	25.29 lac					
(Capital cost and O&M cost):	O & M cos	st:	5.29 lac/annum					
		37.Ef	fluent Charecter	estic	S			
Serial Number Paran	neters	Unit	Inlet Effluent Charecterestics	0	utlet Effluer narecteresti		Effluent discharge standards (MPCB)	
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)			p: 103 Meeting Date: Febi 14, 2020	uary	Page 4 of 39	Sign	e: Kart Ani D ature: Accident Anil Kale (Chairman -III)	

1	рН	-	6.0	-8.5		6.5	-9.0		6.5-9.0
2	Oil & Grease	mg/l	10.00	-20.00		<10			<10
3	Biological Oxigen Demand	mg/l 200-250				<10			<10
4	Chemical Oxygen Demand	mg/l	350	-450		<	50		<50
5	Total Suspended Solid	mg/l	150	-200		<	10		<10
6	Total Nitrogen	mg/l	40	-50		<	10		<10
7	Nitrate	mg/l	15	-16		<	:5		<5
8	Dissolve PO4	mg/l	13	-15		<	:5		<5
9	Fecal Coliform	MPN/100 ml	10	^6		N	Iil		NII
Amount of e (CMD):	effluent generation	NA						A	
Capacity of	the ETP:	NA							
Amount of t recycled :	reated effluent	NA						S	
Amount of v	water send to the CETP:	NA							
Membershij	p of CETP (if require):	NA							
Note on ET	P technology to be used	NA							
Disposal of	the ETP sludge	NA							
		<b>38.H</b> a	zardous	Was	ste D	etails			
Serial Number	Description	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1	NA	NA	NA	N	A	NA	N	A	NA
		<b>39.S</b> t	acks em	issio	n De	etails			
Serial Number	Section & units	Fuel Us Quar		Stac	k No.	Height from ground level (m)	Internal diameter (m)		Temp. of Exhaust Gases
1	600 KVA	at 100 % L Lts/		2 :	no	5 m	0.2	254	464 C
2	160 KVA	at 100 % I Lts/		1:	no	5m	0.1	.52	499 C
		40.De	tails of H	fuel	to be	e used			
Serial Number	Type of Fuel		Existing			Proposed			Total
1	HSD					100 % Loading 125.5 Lts/hrs			
41.Source of	of Fuel	Autho	orized Deale	r					
42.Mode of	Transportation of fuel to	site Barre	els in Closed	Tampo	)				



		Total RG a	rea :	112.2 sq.m						
		No of trees	s to be cut	0						
<b>43.Green Belt</b> be plante			Number of trees to be planted :		68					
Develop	Development List of pro native tre			Shisav , Par	Shisav , Parijatak , Tamhan, Champa White					
		Timeline for completion plantation	n of	6 month aft	er Project	Completion				
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to I	be plante	d in the ground			
Serial Number	Name of	the plant	Commo	n Name	Qu	antity	Characteristics & ecological importance			
1	Phoenix	sylvestris	Assa	mese		7	Large sized Evergreen tree			
2	Dalbber	gia sisoo	Shi	isav	3		Medicinal value, Bird attracting Species			
3		nus arbor- trits			9		Fragrant flowers, Medicinal value,			
4		mia Flosre Tam		ıhan	13		State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers			
5	Royston	iea regia	royal	palm		4	Medium- large sized , Ornamental tree			
6	Azardira	cta Indica	Ne	em 💦		6	Large sized Evergreen tree			
7	Plumeri	a obtusa	Champ	npa White		12	vergreen tree is mainly grown for its strongly fragrant white flowers			
8	Erythrin	a glauca	Coral	l Tree		8	Medium sezed tree , medicinal value			
9	Michelia	Michelia champaca		mpa		6	Rich in medicinal properties is used in several ayurvedic preparation			
45	.Total qua	ntity of plan	its on grou	nd						
<b>46.Num</b>	nber and	list of sl	nrubs an	d bushes	specie	s to be pl	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1		NA		NA			NA			
				<b>47.E</b> r	nergy					



	NA			NA				
Source	Ex	isting pollution contro	l system	Proposed to be installed				
		50.Details	of pollution c	ontrol Systems				
6	Total Energy Saving in Project by Energy saving measures		Energy saving	10.50%				
5	Energy Saved by Using VFD for Lift convensional drive			20%				
4	Energy Saved by Automatic Timer logic con lighting Control Against No timer Con			49.24%				
3	GY	Energy Saved by Solar	r PV	2.76%				
2	Energy sa	ving using Low Loss Tran Conventional Transfor		5.26%				
1		aving using Energy efficie nventional CFL/T8 fixtur Ballast for Common Ar	e with Electronic	35.75%				
Serial Number	E	nergy Conservation Me	easures	Saving %				
		49.Detail	calculations &	& % of saving:				
Common An Energy savi Energy Sav Energy Sav Energy Sav	rea102605 ing using Loved by Solar 1 ed by Autom ed by Using	ergy efficient LED fixture KWH w Loss Transformer Agai PV - 36000 KWH	es Against Conventi nst Conventional Tr er for lighting Contr vensional drive - 817	ional CFL/T8 fixture with Electronic Ballast for ransformer 6132 KWH rol Against No timer Control - 190580.39 KWH 760 KWH				
		any:	aving by non-conventional method:					
		Details of high tension line passing through the plot if	NA					
		operation phase: Fuel used:	HSD					
		DG set as Power back-up during	600 KVA X 2 No & 160KVA X 1No					
Power requirement:		phase (Demand load): Transformer:	1134 KVA 1 NoX 1000 KVA, 1NoX315 KVA					
		During Operation phase (Connected load): During Operation	2080 KW					
		DG set as Power back-up during construction phase	125 KVA					
		During Construction Phase: (Demand Load)	116.54 KVA					
	Source of power supply :		MSEDCL					

Joy S. Thakur			Name: Kare Ani D Signature: Acal
Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 14, 2020	Page 7 of	

(Capital cost and		Capital cost: O & M cost:		127 LAKH 10.31 LAKH PER YEAR								
											51	.Envir
		a)	Construc	tion <b>j</b>	phase (	with Bre	ak-up	):				
Serial Number	Attri	butes	Parar	neter		Total Cost per annum (Rs. In Lacs)						
1	Air Environment		Erosion control - dust suppression measures, barricading and top soil preservationWater For Dust Suppression ,Air & Noise Monitoring		res, op iter	1.10						
2	Water Environment		"Tanker V Construc water Mo	tion and	l	6.30		N°				
3	Land Env	vironment	"Site Sa mobile			1.80						
4	Biolo	ogical	Top soil pr	eservati	on	1.20						
5	Socio-E	conomic	"Disinfect Control, Facilities Check Up Protective I	First Aid s, Health , Person	l 1 al	1.80						
6		nmental ring Cell	MoEF Auth NABL Acci		· · · · · · · · · · · · · · · · · · ·							
		b	) Operati	ion Pł	nase (w	<b>ith Brea</b>	k-up):					
Serial Number	Component I		Descr	ciption Capital cost Rs. In Lacs		s. In	Operational and Maintenance cost (Rs. in Lacs/yr)					
1	S	ГР	Waste water trea		ent	46		10.49				
2	Rain Water	Harvesting	7 No 0	of pits		8.75		0.5				
3	Solid Waste Management		"Biodegrad treatr		ste	25.29		5.29				
4	Land	Landscape "Green Developm				0.66			0.30			
5	Ene	ergy	Enegy meas	-		127.13			10.31			
6	Environmental Monitoring Noise from D water		"Ambient A Noise leve from DG Se water,sew STP as pe	l, Exhau et, drinki vage froi	st ing n			2.95				
51.S	torage	of che	micals	-	amab stanc	-	osive	/haz	zardou	s/toxic		
Description Status		Location	Storage		Maximum Quantity of Storage	Consun / Mon M	th in	Source of Supply	Means of transportation			

		Name: Kart Anil D								
		Signature: Dela								
SEAC Meeting No: 103 Meeting Date: February	Page 8 of	Shri. Anil Kale (Chairman								
14, 2020	39	SEAC-III)								
		SEAC Meeting No: 103 Meeting Date: February Page 8 of								
NA	NA	NA		NA	NA	NA	NA	NA		
-------------------------------------------------------	-----------------------------------------------------------------------	----------------------------------------------------------------------------------	----------------------	--------------	-----------------	----------------------------------------------------------	----------	----	--	--
		<b>52.</b> A	ny Other Information							
No Information Availabl	le									
		53.7	Гraffi	c Manag	gement					
			2 Nos							
	basem		2 No.10	)821.62 sq.:	m.					
	Numbe podia:	er and area of	2 No. 5	294.75 sq.r	n					
	Total I	Parking area:	16116.3	37 Sq.M.						
	Area p	er car:	12.5							
	Area p		12.5							
Parking details:	Number of 2- Wheelers as approved by competent authority:		905			00	<b>S</b>			
	Number of 4- Wheelers as approved by competent authority:		363	C	,00					
	Public	Transport:	Lohagaon Bus Stop							
	Width roads	of all Internal (m):	6.0 m							
		RZ clearance , if any:	NA							
	Protec Critica areas /	ce from ted Areas / lly Polluted 'Eco-sensitive inter-State aries	NA							
	schedu	ory as per lle of EIA cation sheet	8(a) B2							
	Court if any	cases pending	NA							
9	Other Inform	Relevant lations	NA							
	submit Applic	ou previously tted ation online EF Website.	No							
	Date o submis	f online ssion	-							
SEAC	DISC	CUSSION	<b>ON</b>	ENVIR	ONME	ENTAL A	ASPECT	S		
Environmental Impacts of the project	-									
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No	): 103 M 14, 20		: February	Page 9 of 39	Name: K 97 Signature: Shri. Anil Kale SEAC-III)	Denla.			

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						
PP had submitted application for prior Environmental clearance for total plot area of 5,477.46 m2, FSI area of 16,581.71 m2, Non FSI area of 21,293.78 m2 and total BUA of 37875.49 m2.						
The building configuration of the proposal is as below:						
Building A (Height 42.2 m): 2B+G+2P+8						

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

# **DECISION OF SEAC**



PP has satisfactorily complied with the points raised in 99th meeting of SEAC-3.

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

**Specific Conditions by SEAC:** 

# **FINAL RECOMMENDATION**

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

Stiller Barbar



## 103 SEAC-3 day 04

## SEAC Meeting number: 103 Meeting Date February 14, 2020

### Subject: Environment Clearance for Hospital Component in Educational Campus

### Is a Violation Case: Yes

Is a violation Case: 1es					
1.Name of Project	M.M. Patel Public Charitable Trusts, Ashwini Rural Medical College, Hospital & Research Centre, Kumbhari, Solapur.				
2.Type of institution	TOR				
<b>3.Name of Project Proponent</b>	M.M. Patel Public Charitable Trusts				
4.Name of Consultant	Ultra-Tech, Thane				
5.Type of project	Hospital Project in Educational Campus				
6.New project/expansion in existing project/modernization/diversification in existing project	New Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No.				
8.Location of the project	Gat No. 261-262(1-7) At Akkalkot Road, Kumbhari.				
9.Taluka	Solapur				
10.Village	Kumbhari				
Correspondence Name:	M.M. Patel Public Charitable Trusts				
Room Number:	Gat No. 261-262(1-7) At Akkalkot Road, Kumbhari.				
Floor:	-				
Building Name:					
Road/Street Name:	Akkalkot Road				
Locality:					
City:	Solapur				
11.Whether in Corporation / Municipal / other area	Gram Panchayat Kumbhari				
	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 . Now Applied for Building permission from Town Planning, Solapur with builtup area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m				
12.IOD/IOA/Concession/Plan Approval Number	<b>IOD/IOA/Concession/Plan Approval Number:</b> Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Now Applied for Building permission from Town Planning, Solapur with builtup area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m Hospital Building = 26,951.22Sq.m Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017 Valid upto 31.05.2019 for Hospital of bed 500 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m.)				
	Approved Built-up Area: 26951.22				
13.Note on the initiated work (If applicable)	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017 Valid upto 31.05.2019 for Hospital of bed 500 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m)				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Now Applied for Building permission from Town Planning, Solapur with builtup area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m				
15.Total Plot Area (sq. m.)	110100 Sq.m				
16.Deductions	16858.69 Sq.m				
17.Net Plot area	93241.31 Sq.m				
	a) FSI area (sq. m.): 26,951.22Sq.m				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): -				
	c) Total BUA area (sq. m.): 26951.22				

			Approved F	SI area (sg. n	<b>1.):</b> 26951.22					
18 (b).Appro	ved Built up	area as per	Approved FSI area (sq. m.): 26951.22 Approved Non FSI area (sq. m.): -							
DCR			Date of Approval: 21-05-2011							
19.Total ground coverage (m2)			7510.88							
20.Ground-c (Note: Perce to sky)	overage Per	centage (%)	8.05 % of plo	t area						
21.Estimated	d cost of the	project	486800000							
	2	2.Num	ber of l	ouildin	gs & its confi	guration				
Serial number	Buildin	ng Name & 1	number	Nu	mber of floors	Height of the building (Mtrs)				
1	Hos	spital (560 be	eds)		04	15				
23.Number tenants and		560 beds								
24.Number of expected residents / users			50, staff - 275	5 visitors - 55	50	A				
25.Tenant per hectare		Not applica	ble							
26.Height ( building(s)	5.Height of the iilding(s)					<b>S</b>				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)					0000					
28.Turning for easy ac fire tender movement around the excluding t for the plan	cess of from all building the width	9m								
29.Existing structure (		Existing Ho	ospital Buildi	ng already c	onstructed					
30.Details demolition disposal (If applicable)	with f	No demoliti	tion involved.							
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	ng (MT/M) Proposed (MT/M		Total (MT/M)				
1	Not ap	pplicable Not applicable Not applicable Not applicable								
		3	82.Tota	l Wate	r Requiremer	nt				



		Source of wa	ter	Through tar	nker & Bore we	ell				
		Fresh water	(CMD):	268 (Domestic + Flushing)						
Recycled water - Flushing (CMD):			Nil							
		Recycled wat Gardening (C		103 (On RG sq.m.)	area of 7,900 s	sq.m. and	Open play gr	round area of 3	37,195	
		Swimming po make up (Cu		Not applical	ble					
Dry seasor	1:	Total Water Requirement :	t (CMD)	371						
		Fire fighting Underground tank(CMD):		600 M3 cap	acity.					
		Fire fighting Overhead wa tank(CMD):		100 M3 cap	acity					
		Excess treate	ed water	125				•		
		Source of wa	ter	Through tar	iker & Bore we	ell				
		Fresh water		268 (Domes	tic + Flushing)	)				
		Recycled wat Flushing (CM		Nil						
Recycled water - Gardening (CMD):			-							
		Swimming po make up (Cu		Not applicable						
Wet seaso	n:	Total Water Requirement :	t (CMD)	268						
		Fire fighting Underground tank(CMD):		600 M3 capacity.						
		Fire fighting Overhead wa tank(CMD):	ter	100 M3 capacity						
		Excess treate	ed water	228						
Details of pool (If an	Swimming y)	NA								
		33	.Detail	s of Tota	l water co	nsume	d			
Particula rs	Cons	sumption (CM	D)	1	Loss (CMD)		Ef	fluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Fresh water requireme nt	182	00	182	18	0	18	164	0	164	
Domestic	87	0	87	9	0	9	78	0	78	
Gardening	103	0	103	9         0         9         78         0         78           103         0         103         0         0         0         0						

Joy S. Thakur		Name: Kare Amin D. Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	 Shri. Anil Kale (Chairman
SEAC-III)	14, 2020	SEAC-III)

	Level of the Ground water table:	150 to 200 mtrs below ground					
	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:	1 borewell with recharge pit is provided with recharge pit.					
(RWH)	Size of recharge pits :	3 m x 3 m					
	Budgetary allocation (Capital cost) :	Rs. 5 Lacs					
	Budgetary allocation (0 & M cost) :	Rs. 0.5 Lacs/year					
	Details of UGT tanks if any :	Domestic 700 me					
	Natural water drainage pattern:	1 no. of natural nalla is passing through the project premises. Site sloping from North to South.					
35.Storm water drainage	Quantity of storm water:	0.58 Cum/sec					
	Size of SWD:	Depth 0.9 mtrs and Width 1.52 mtrs					
	Sewage generation in KLD:	241					
	STP technology:	MMBR					
Sewage and	Capacity of STP (CMD):	1 no. 400 KLD *(Common for educational institute and hospital)					
Waste water	Location & area of the STP:	as per plan					
	Budgetary allocation (Capital cost):	60 lakh					
	Budgetary allocation (O & M cost):	7 lakh					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	nil					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	not any					
	Dry waste:	150 kg/day					
	Wet waste:	250 kg/day					
Wasto gonoration	Hazardous waste:	NA					
Waste generation in the operation Phase:	Biomedical waste (If applicable):	138 kg/day					
	STP Sludge (Dry sludge):	36 kg/day					
	Others if any:	-					
	sludge):	-					

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 14, 2020	Page 15	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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		Dry waste:			handed ove	r to lo	cal boo	dy or is	segr	egated	and d	isposed off to recycler
		Wet waste			vermicomposting							
Mode of Disposal of waste: Hazardous Biomedical applicable)		s waste:		-	0							
				e (If	handed ove	r to Cl	BMWT	SDF				
		STP Sludg sludge):	e (Dry		used as man	nure						
		Others if a	ny:		-							
		Location(s	):		ground							
Area requirem	ent:	Area for th of waste & material:			60 sqm							
		Area for m	achine	ery:	included in	above						
Budgetary		Capital cos	st:		8 lakh							
(Capital co O&M cost)		O & M cos	t:		3 lakh/annu	ım						
			31	7.Ef	fluent Cl	hare	cter	estic	s		Ň	*
Serial Number	Paran	neters	Un	it	Inlet E Charect					Efflue eresti		Effluent discharge standards (MPCB)
1	Not apj	plicable	No applic		Not apj	plicabl	е	N	lot apj	plicabl	е	Not applicable
Amount of e (CMD):	ffluent gene	eration	2									
Capacity of			2									
Amount of treated effluent Not application application Not application applica				cable								
Amount of w	vater send to	o the CETP:	Not ap	pplica	ble	5						
Membership	o of CETP (if	require):	Not ap	pplica	oplicable							
Note on ETH	e technology	to be used	Prima	ry tre	atment							
Disposal of t	the ETP sluc	lge	Not ap	pplica								
			38	B.Ha	zardous	Was	ste D	etai	ls			
Serial Number	Descr	iption	Ca	nt	UOM	Existing		Prop	osed	То	tal	Method of Disposal
1	Not app	plicable	No applic		Not applicable	Not applicable		No applio				Not applicable
			3	9.St	tacks em	issio	n De	etail	5			
Serial Number	Section	& units	Fu		sed with ntity Stack		k No.	Hei fro grou level	om ound dian		rnal ieter n)	Temp. of Exhaust Gases
1	500 kV	VA DG	HS	SD @(	0.21 l/hr	1	L	4.4 abo grou	ove	0.	15	400 C
			40	).De	tails of F	uel	to be	e use	d			
Serial Number	Тур	Type of Fuel						Prop	osed			Total
1		HSD				0.21 l/hr Not applicable 0.21 l/hr						
41.Source of Fuel throu				igh vendor								
42.Mode of Transportation of fuel to site by ro				by ro	ad							
Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)				o: 103 Meetir 14, 2020	ıg Dati	e: Febı	ruary		ge 16 of 39	Sign	ne: Kare Amin D nature: Anil Kale (Chairman C-III)	

	Total RG area :		7900 sqm + open play ground area 37195 sqm						
		No of trees :	to be cut	NA					
43.Green Belt			Number of trees to be planted :						
Develop	ment	List of prop native trees		as given bel	.OW				
		Timeline fo completion plantation	of	one year					
	<b>44.Nu</b>	mber and	list of t	rees spe	cies to b	e plante	ed in the ground		
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity	Characteristics & ecological importance		
1	Polyalthia	lomgifolia	ash	loka	54	<b>1</b> 0	evergreen long leaf tree		
2	Phylanthus	s officinalis	Aw	vala	40	00	medicinal fruit bearing		
3		nvillea abilis	Kagad	i phool	10	00	ornamental tree attracting bees		
4	Syzigium	cummini	Jam	bhul	20	00	Fruit bearing medicinal tree		
45	5.Total qua	ntity of plan	ts on grou	nd					
46.Nun	ıber and	list of sh	rubs an	d bushes	species	to be p	lanted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1		tagar		2 feet	2 feet 200				
2	ŀ	Iibiscus		2 feet			300		
3	С	hampak		2 feet 250					
				<b>47.</b> Er	nergy				
Source of power supply :			MSEDCL						
		During Con Phase: (Der Load)							
		DG set as Power back-up during construction phase							
Dee		During Ope phase (Con load):		430 kVA					
	Power requirement: During Operation phase (Demand load):			430 kVA					
		Transforme	er:	500 kVA					
		DG set as P back-up du operation p	ring	500kVA					
		Fuel used:		HSD					
		Details of h tension line through the any:	e passing	NA					
							I		

Joy S. Thakur			Name: Kare Amin D
Thatan			Signature: Ach
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 17	Shri. Anil Kale (Chairman
SEAC-III)	14, 2020	of 39	SEAC-III)

	48.Energy saving by non-conventional method:									
Solar water	Solar water heater									
				49.Detail	calcu	lations	& % of s	aving:		
Serial Number		E	nergy Col	nservation Me	easures	5	Saving %			
1			sola	r water heater				1	0%	
			5	0.Details	of pol	lution o	ontrol S	ystems		
Source	;		Existing	g pollution con	ntrol sys	stem		Proposed	to be instal	led
STP			installe	d STP of capaci	ity 400 C	CMD		Not a	pplicable	
Vermicompo	osting			Already operat	ional			Not a	pplicable	
DG Set			Prov	vided acaustic e	enclosure	Э		Not a	pplicable	
Budgetary			Capital o	ost:						
(Capital O&M			0 & M c	ost:						
51	.En	viro	onmer	ntal Mar	nage	ment ]	plan B	udgetary	Alloca	ation
			a	) Construc	c <b>tion</b> ]	phase (	with Bre	ak-up):		
Serial Number		Attri	butes	Parar	Parameter         Total Cost per annum (Rs. In Lacs)			Lacs)		
1		-	-	-	-					
				b) Operat	ion P	hase (w	ith Brea	k-up):		
Serial Number	Component Description		iption	Cap	Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)			
1		Waste	water	SI	ГР		60		7	
2		storm	water	RV	VH		5		0.5	
3		Solid	waste	vermicor	nposting	g	8		3	
4		BN	IW	hande	d over				3	
5		lands	scape	RG a	area		15		2	
6		enviro monit	nment toring	as per guide					1	
51.S	tor	age	of ch	emicals	(infl	lamab	le/expl	osive/ha	zardou	s/toxic
			$\mathbf{C}$		sub	stance	es)			
Description Status Location Canacity Month in			Means of transportation							
Not appl	licable	а	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
				52.A	ny Ot	her Inf	ormation	1		
No Informa	tion A	vailabl	e							
				53.	Traffi	c Mana	gement			



	Nos. of the junction to the main road & design of confluence:	1		
	Number and area of basement:	NA		
	Number and area of podia:	NA		
	Total Parking area:	9089 sqm		
	Area per car:	12.5 m excluding drivew	ay	
	Area per car:	12.5 m excluding drivew	ay	
Parking details:	Number of 2- Wheelers as approved by competent authority:	1434		
	Number of 4- Wheelers as approved by competent authority:	298	oo0/12	
	Public Transport:	Local buses		
	Width of all Internal roads (m):	6 m		
	CRZ/ RRZ clearance obtain, if any:	NA		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA		
	Category as per schedule of EIA Notification sheet	8 (a)		
	Court cases pending if any	NA		
	Other Relevant Informations	Cell/CCA/CAC-17700117 Hospital of bed 500 nos.	ate was obtained from MPCB vide BO/CAC- 1 dated 27.07.2017 Valid upto 31.05.2019 for and Total Construction BUA (part) of 17,355 0,000 sq.m. i.e. 17,355 sq.m)	
S	Have you previously submitted Application online on MOEF Website.	ly No		
	Date of online submission	-		
	TOR S	Suggested Cha	inges	
Consolidated Statement Point Number	Origina	l Remarks	Submitted Changes	
2. Type of institution	]	TOR	Private	
4. Name of Consultant	Ultra-Te	ech, Thane	ULTRA TECH, NABET/EIA/1720/RA0094	

Joy S. Thakur			Name: Kart Amin D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 103 Meeting Date: February	Page 19	Shri. Anil Kale (Chairman
SEAC-III)	14, 2020		SEAC-III)

	-	
12. IOD/IOA/Concession/Plan Approval Number	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011. Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011. Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 for entire project. Out of which Hospital Component is 30,381.85 Sq.m
12. IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m Hospital Building = 26,951.22Sq.m Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017 Valid up to 31.05.2019 for Hospital of bed 500 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m)	IOD/IOA/Concession/Plan Approval Number: Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011. Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 for entire project. Earlier Consent to Operate was obtained from MPCB vide BO/CAC-Cell/CCA/CAC-177001171 dated 27.07.2017. For Hospital of bed 300 nos. and Total Construction BUA (part) of 17,355 sq.m. (BUA was below 20,000 sq.m. i.e. 17,355 sq.m)
14. LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Building Permission obtained from local body (Gram Panchayat Kumbhari) Dated 21/05/2011 Now Applied for Building permission from Town Planning, Solapur with built-up area 67,667.91m2 fir entire project. Out of which Hospital Component is 26,951.22Sq.m	Not applicable
18 (a) Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): - , Total BUA area (sq. m.): 26951.22	Non FSI area (sq. m.): 3,430.63, Total BUA area (sq. m.): 30,381.85
18(b) Approved Built up area as per DCR	Approved FSI area (sq. m.): 26951.22, Approved Non FSI area (sq. m.): -	Approved FSI area (sq. m.): 26,951.22, Approved Non FSI area (sq. m.): 3,430.63
22.Number of buildings & its configuration	Serial number - 1, Building Name - Hospital (560 beds), No. of Floors - 04, Height of the building (Mtrs) - 15	Serial number - 1, Building Name - Hospital (560 beds), No. of Floors - G+4, Height of the building (Mtrs)- 15
29. Existing structure (s) if any	Existing Hospital Building already constructed	Ashwini Rural Medical College, Hospital & Research Centre - Hospital Component in Educational Campus of built up area 30,381.85 m2 had already been constructed.
34. Rain Water Harvesting (RWH) - Quantity of recharge pits:	1 bore well with recharge pit is provided with recharge pit.	2 no. of recharge pits
44. Green Belt Development - Number of trees to be planted :	1165	1026 Nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - Polyalthia lomgifolia, Common Name - Ashoka, Characteristics & Ecological Importance - Evergreen long leaf tree, Quantity - 540 nos.	Botanical Name - Vachellia nilotica, Common Name - Babul, Characteristics & Ecological Importance - Medicinal use, Quantity - 15 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - Phylanthus officinalis, Common Name - Awala, Characteristics & Ecological Importance - medicinal fruit bearing, Quantity - 400 nos.	Botanical Name - Peltophorum pterocarpum, Common Name - Copper pod, Characteristics & Ecological Importance - Evergreen Tree, Ornamental value, medicinal & agroforestry use, Quantity - 185 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name - Bouganvillea spectabilis, Common Name - Kagadi phool, Characteristics & Ecological Importance - ornamental tree attracting bees, Quantity - 100 nos.	Botanical Name - Alstonia scholaris, Common Name - Saptparni, Characteristics & Ecological Importance - Medicinal use, anti-bacterial properties, Quantity - 225 nos.



45. Number and list of trees species to be planted in the ground	Botanical Name - Syzigium cummini, Common Name - Jambhul, Characteristics & Ecological Importance - Fruit bearing medicinal tree, Quantity - 200 nos.	Botanical Name - Delonix regia, Common Name - Gulmohar, Characteristics & Ecological Importance - Native trees and ornamental value, Quantity - 100 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Ficus benjamina, Common Name - Weeping fig, Characteristics & Ecological Importance - Medicinal & agroforestry use, Quantity - 50 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Azadirachta indica, Common Name - Kadu Neem, Characteristics & Ecological Importance - Drought resistance, anti-desertification properties and medicinal use, Quantity - 230 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Ficus racemosa, Common Name - Audumber, Characteristics & Ecological Importance - medicinal use, Quantity - 05 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Ficus religiosa, Common Name - Pipal, Characteristics & Ecological Importance - Tree with wide-spreading crown ( Shade tree), Medicinal Use, Quantity - 01 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Ficus benghalensis, Common Name - Banyan tree, Characteristics & Ecological Importance - Shade tree, medicinal use & cultural importance, Quantity - 09 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Cocos nucifera, Common Name - Coconut, Characteristics & Ecological Importance - Medicinal value & edible fruit, Quantity - 04 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Saraca asoca, Common Name - Ashoka, Characteristics & Ecological Importance - Health benefits and native tree, Quantity - 50 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Spathodea campanulata, Common Name - Pechkari flame, Characteristics & Ecological Importance - Ornamental value & medicinal value, Quantity - 38 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Mangifera indica, Common Name - Mango, Characteristics & Ecological Importance - Evergreen & fruit bearing tree; and medicinal use, Quantity - 07 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Michelia champaca, Common Name - Son chafa, Characteristics & Ecological Importance - Evergreen tree, has commercial value & possesses various pharmacological activities like anti-microbial, anti-oxidant, anti- diabetic, anti-ulcer, Quantity - 20 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Samanea saman, Common Name - Rain tree, Characteristics & Ecological Importance - Shade tree, cultivated for its timber and as food, medicine, and gums among others, Quantity - 60 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Dalbergia sissoo, Common Name - Shisham, Characteristics & Ecological Importance - Used as firewood, timber, poles, posts, tool handles, fodder, erosion control and as a windbreak. Oil is extracted from the seed and tannin from the bark, Quantity - 10 nos.



45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Pongamia glabra, Common Name - Karanj, Characteristics & Ecological Importance - Shade tree. Multipurpose tree - particularly valued for its oil & also supplies dyestuff, wood, fuel, insect repellent, medicines and various other commodities, Quantity - 06 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Anthocephallus cadamba, Common Name - Kadam, Characteristics & Ecological Importance - medicinal use, Quantity - 01 nos.
45. Number and list of trees species to be planted in the ground	Botanical Name, Common Name, Characteristics & Ecological Importance, Quantity	Botanical Name - Hyophorbe lagenicaulis, Common Name - Bottle palm, Characteristics & Ecological Importance - Ornamental Use, Quantity - 10 nos.
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name - tagar, C/C Distance - 2 feet, Area m2 - 200	Name - Alpinia purpurata, C/C Distance - 3420 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name - Hibiscus, C/C Distance - 2 feet, Area m2 - 300	Name - Ixora coccinea, C/C Distance - 3420 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name - champak, C/C Distance - 2 feet, Area m2 - 250	Name - Schefflera arboricola, C/C Distance - 3518 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name, C/C Distance, Area m2	Name - Acalypha wilkesiana, C/C Distance - 5342 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name, C/C Distance, Area m2	Name - Allamanda cathartica, C/C Distance - 3000 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name, C/C Distance, Area m2	Name - Duranta erecta, C/C Distance - 3000 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name, C/C Distance, Area m2	Name - Tabernaemontana divaricata, C/C Distance - 1600 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name, C/C Distance, Area m2	Name - Alpinia variegta, C/C Distance - 3400 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name, C/C Distance, Area m2	Name - Alocasia cucullata, C/C Distance - 1200 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	Name, C/C Distance, Area m2	Name - Rhapis excelsa,, C/C Distance - 2645 feet, Area m2
47.Number and list of shrubs and bushes species to be planted in the podium RG:	-	Shrubs and bushes species had been planted on the ground(virgin land).

Joy S. Thakur Joy S. Thakur SEAC III)	leeting No: 103 Meeting Date: February 14, 2020	Page 22	Name: Kare April D Signature: Accord Shri. Anil Kale (Chairman SEAC-III)
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52.Environmental Management plan Budgetary Allocation - b Operation Phase (with Break-up):	) -	Serial Number - 7, Component - RO Unit, Description - Cost of RO Units, Capital cost Rs. In Lacs - 06, Operational and Maintenance cost (Rs. in Lacs/yr) - 0.2	
52.Environmental Management plan Budgetary Allocation - b Operation Phase (with Break-up):	) -	Serial Number - 8, Component - Total, Description, Capital cost Rs. In Lacs - 94, Operational and Maintenance cost (Rs. in Lacs/yr) - 16.7	
SEAC	DISCUSSION ON ENVIRON	MENTAL 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			
GY	Brief information of the pro	oject by SEAC	

PP submitted their application for prior Environmental clearance for total plot area of 110100 m2, FSI area of 26,951.22 m2, Non FSI area of 3,430.63 m2 and total BUA of 30,381.85 m2.

Now, the PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018. The PP informed that the total constructed area on site is: 30,381.85 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)b2.

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 14, 2020	Page 23	Name: Kare Api D Signature: Journa Shri. Anil Kale (Chairman SEAC-III)
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# **DECISION OF SEAC**



#### **During discussion following points emerged:**

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

2. PP to submit detailed disaster management plan incorporating lightening arrester plan.

3. PP to submit details of Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.

4. PP to submit details of existing trees, proposed to be cut, proposed to be transplanted along with tree survival report.

5. PP to submit details of Management of solid waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules 2016 and the Construction & Demolition Rules, 2016. Transport, collection, storage and disposal for all types of wastes like hazardous waste, non-hazardous waste, solid waste, E- waste, and debris/excess earth etc. PP to provide the detailed solid waste management plan along with marked locations on the master plan. Design details of waste processing equipment such as OWC/biogas plants confirming to the technical requirements to meet the quality products.

6. PP to submit details of Waste water management (treatment, reuse and disposal) for the project and also the study area. Design of all STP's along with BOD load, oxygen requirement calculations and sizing of the tanks with respect to the design criteria. PP to submit detailed calculation for the disinfection of the treated STP water; PP to submit cross sectional drawing of STP's showing dimensions and ground level; PP to provide ozonation for tertiary treatment. PP to mark the area required for all STP's on master layout with dimensions

7. PP to show internal storm water drain and sewer line arrangements up to final disposal point.

8. Separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; Energy efficient measures (LED lights, solar power, etc.) during construction as well as during operational phase of the project. Report on ECBC compliance.

9. Provide details of Solar PV and Solar water heater in the specific format. PP to carryout shadow analysis for identifying the roof-top area for providing solar panels

10. Environmental status report including analysis reports of all environmental pollution reduction facilities if any commissioned.

11. PP to submit site specific, executable and auditable environment management plan (EMP)

12. Provide details of Estimation of Carbon footprint of the project.

13. Provide details of Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection of data and sample analysis shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986 or Environmental Laboratory accredited by NABL, or a laboratory of council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

14. Provide details of Gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.

15. Provide details of Preparation of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.

16. NOC's required: a) CFO NOC, b)Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.

17. Undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.

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

**Specific Conditions by SEAC:** 

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 14, 2020	Page 25	Name: Kare Ami) D Signature: Journan Shri. Anil Kale (Chairman SEAC-III)
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# FINAL RECOMMENDATION

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

SHACHERINA

 Joy S. Thakur
 SEAC Meeting No: 103 Meeting Date: February SEAC-III)
 Page 26 of 39
 Shri. Anil Kale (Chairman SEAC-III)

### 103 SEAC-3 day 04

#### SEAC Meeting number: 103 Meeting Date February 14, 2020

**Subject:** Environment Clearance for Environmental clearance for Proposed Residential Project "Liviano" S.No 18 H. No.1+2+3, S.No. 19 H.No. 1+2, Kharadi ,Pune

110.11215, 0.110.15 11.110.112, 1010	
Is a Violation Case: No	
1.Name of Project	Liviano
2.Type of institution	Private
3.Name of Project Proponent	M/s. Goel Ganga Landmarks LLP
4.Name of Consultant	Vke:environmental LLP
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, SEAC-2010/CR 735/TC-11, 16 January 2016
8.Location of the project	S.No 18 H. No.1+2+3, S.No. 19 H.No. 1+2
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr. Sanjeev Gaikwad
Room Number:	
Floor:	Ground Floor
Building Name:	San Mahu Comlex
Road/Street Name:	Bund Garden Road
Locality:	Opp. Poona Club
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation (PMC)
	IOD
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Applied
	Approved Built-up Area: 120054.71
13.Note on the initiated work (If applicable)	Building A-P+14,Building B-P+13, Building C-P+13, Building D-P+13.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	32000 sq.m
16.Deductions	0.00
17.Net Plot area	32000 sq.m
	a) FSI area (sq. m.): 59,510.54
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 60544.17
	c) Total BUA area (sq. m.): 120054
	Approved FSI area (sq. m.): 59,510.54
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 60544.17
	Date of Approval: 19-09-2019
19.Total ground coverage (m2)	17747.86
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	55%
21.Estimated cost of the project	165000000
22 No.	har of huildings for its configuration

# 22.Number of buildings & its configuration

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 14, 2020	Page 27	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Buildin	ıg Name & nu	mber Nu	umber of floors	Height of the building (Mtrs)					
1		Building A		P+14	49.03					
2		Building B		P+13	42.93					
3		Building C		P+13	42.93					
4		Building D		P+13	42.93					
5		Building E		B+P+21	66.75					
6		Building F		B+P+21	66.75					
7		Building G		B+P+21	66.75					
8		Club House		P+G+1	11.34					
23.Number tenants an		707 NOs								
24.Number expected r users		3535 nos								
25.Tenant per hectar		209	09							
26.Height building(s)										
27.Right o (Width of t from the n station to t proposed h	the road earest fire the		apsar Fire Station-4.9 ation for proposed site		18m wide road is existing from					
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	9 m for access	s of fire tender movem	ent						
29.Existing structure (s) if any       Building A-P+14, Building B-P+13, Building C-P+13, Building D-P+13										
30.Details demolition disposal (I applicable)	ı with f	NA								
			31.Product	tion Details						
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Not app	plicable	Not applicable	Not applicable	Not applicable					
	5	32	.Total Wate	r Requireme	nt					



		Source of wa	ter	PMC/Recycled water from STP							
		Fresh water	(CMD):	319							
		Recycled wat Flushing (CM		159							
		Recycled wat Gardening (C		39.00							
		Swimming po make up (Cu		5.45							
Dry season	:	Total Water Requirement :	(CMD)	517							
		Fire fighting Underground tank(CMD):		525				-0			
		Fire fighting Overhead wa tank(CMD):		140							
		Excess treate	ed water	211							
Source of water				PMC/Recycl	ed water from	STP					
		Fresh water	(CMD):	319							
		Recycled wat Flushing (CM		159							
		Recycled wat Gardening (C		0							
		Swimming po make up (Cu		5.45							
Wet seasor	1:	Total Water Requirement :	(CMD)	478							
		Fire fighting Underground tank(CMD):		525							
		Fire fighting Overhead wa tank(CMD):	ter	140							
		Excess treate	ed water								
Details of S pool (If any		"Swimming Po Main Swimmin Baby swimmin Capacity-108 Make up wate	ng pool=1 Ig pool - 4 CuM	5 mX 5.5m X							
	GY	33	.Detail	s of Total	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	I	Loss (CMD)		Ef	Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Fresh water requireme nt	96	223	319	9.6	22.3	31.9	86.4	200.7	287.1		
Domestic	69	161	230	6.9	16.1	23	62.1	144.9	207		

SEAC-III) 14, 2020 of 39 SEAC-III)		SEAC Meeting No: 103 Meeting Date: February	Page 29	Name: Kare Apiri Signature: Ach Shri. Anil Kale (Chairm SFAC-III)	ik
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	Level of the Ground				
	water table:	25 m			
	Size and no of RWH tank(s) and Quantity:	NA			
	Location of the RWH tank(s):	NA			
	Quantity of recharge pits:	23 Nos			
34.Rain Water	Size of recharge pits :	1.5mx1.5mx1.5m			
Harvesting (RWH)	Budgetary allocation (Capital cost) :	26 Lac			
	Budgetary allocation (O & M cost) :	1.2 Lac/annum			
	Details of UGT tanks if any :	UGT-1 Drinking- 40 Cum Domestic- 103 Cum Fire- 225 Cum UGT-2 Drinking- 93 Cum Domestic- 241 Cum Fire- 300 Cum			
	Natural water drainage pattern:	As per contour slope			
35.Storm water drainage	Quantity of storm water:	0.49 m3/sec			
	Size of SWD:	450 mm x 300 mm			
	Sewage generation in KLD:	430 KLD			
	STP technology:	MBBR			
Sewage and	Capacity of STP (CMD):	STP-1 Capacity -270 KLD, STP-2 Capacity - 185 KLD			
Waste water	Location & area of the STP:	As Per Master Layout			
	Budgetary allocation (Capital cost):	STP-1 - 56.65 Lakh, STP-2- 43 lakh			
<u> </u>	Budgetary allocation (O & M cost):	STP-1 -12 Lakh/Annum, STP-2 -11.50Lakh/Annum			
	36.Solie	d waste Management			
Waste generation in	Waste generation:	Empty cement bags, steel, sand, packaging material, Aggregates			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Excavated earth material will be used for filling of plinth area			
	Dry waste:	707 kg/day			
	Wet waste:	1061kg/day			
Waste generation	Hazardous waste:	NA			
in the operation Phase:	Biomedical waste (If applicable):	NA			
	STP Sludge (Dry sludge):	STP1- 39.96 kg/day, STP 227.38 kg/day			
Joy S.1 nakur (Secretary SEAC-III)	Others if any: SEAC Meeting No.	NA <b>: 103 Meeting Date: February</b> Page 30 Snri. Anii Kale (Cnairman 14, 2020 of 39 SEAC-III)			

		Dry waste:		Handed ove purpose	er to authoriz	zed recycler	for further h	andling & disposal			
		Wet waste	;	Through M	echanical Co	mposter (Sn	nart OWC)				
Mada of I	Diamagal	Hazardous	waste:	NA							
Mode of I of waste:	Disposai	Biomedica applicable		NA							
		STP Sludg sludge):	e (Dry		as manure fo O manual on		purpose or v	will be disposed off as			
		Others if a	ny:	NA							
		Location(s	):	Locations are as per master layout							
Area requirem	ent:	Area for th of waste & material:		24.5 Sqm	24.5 Sqm						
		Area for m	achinery:	65.5 Sqm							
Budgetary		Capital cos	st:	29.75 Lacs							
(Capital co O&M cost)		O & M cos	t:	6.80 Lacs/y	ear			<b>Y</b>			
			37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	Unit		ffluent erestics		Effluent cerestics	Effluent discharge standards (MPCB)			
1	р	Н	-	6.0-8.5		6.5-9.0		6.5-9.0			
2	Oil & Grease mg/			10.00-20.00		<10		<10			
3	Biological Oxygen Demand mg/l			200-250		<10		<10			
4	4 Chemical Oxygen mg/l				-450	<	50	<50			
5	Total Susp	ended Solid	mg/l	150	-200	<10		<10			
6	Total N	litrogen	mg/l	40	-50	<	10	<10			
7	Nit	rate	mg/l	15-16		<5		<5			
8	Dissol	ve PO4	mg/l	13-15		<5		<5			
9	Fecal C	Coliform	MPN/100 ml	10^6 Nil N				Nil			
Amount of e (CMD):	effluent gene	eration	Not applica	pplicable							
Capacity of	the ETP:		Not applica	pplicable							
Amount of transferred to the second s	reated efflue	ent	Not applica	t applicable							
Amount of w			Not applica	t applicable							
Membership		- ·	Not applica	pplicable							
Note on ETH	00		Not applica								
Disposal of t	the ETP sluc	lge	Not applica	ble							
			38.Ha	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Not apj	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
			39.St	acks em	ission De	etails					

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 14, 2020	Page 31	Name: Kale (Chairman Signature: Aring D Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Section & units Fu			Fuel Used with Quantity		Stacl	x No.	Height from ground level (m)	Internal diameter (m)		Temp. of Exhaust Gases	
1	400	KVA		HS	SD	1		5	0.152m		532 ºC	
2	250	KVA		HS	SD	1		5	0.15	2m	499 ºC	
			<b>40.</b> I	40.Details of Fuel to be used								
Serial Number Type of Fuel					Existing			Proposed			Total	
1		HSD		Ν	ot applicabl	e	146.	.1 itre/hr @1	00%	14	46.1 litre/hr @100%	
41.Source of	of Fuel		Au	Authorized Dealer								
42.Mode of	Transportat	ion of fuel to	site Ba	arre	ls in Closed	Tampo	)					
		1										
		Total RG a	rea :		3200 Sq.M.							
		No of trees	s to be cu	ut	00				C		¥	
43.Gree		Number of be planted		)	403							
Development List of pronative tree					Shirish,Nee	em,Mal	narukł	h,Karanj,Sita	l Ashok	a,r,Ba	hava,Bakul	
Timeline for completion o plantation :				of Till the completion of project								
	<b>44.Nu</b>	mber and	l list o	f t	rees spe	cies	to b	e plante	d in t	he g	jround	
Serial Number Name of the plant C			Com	moi	n Name		Qua	ntity	Characteristics & ecological importance			
1	Saraca	ashoka	Sit	Sita Ashoka			2				es with yellow flowers	
2	Butea mo	onosperma		Palas		17		7	Medium sized deciduous tree,Beautiful orange flowers, Butterfly host plant		utiful orange flowers,	
3	Cryota	a urens	Fish	Fish tail palm		18		8	Large tree, good for roadside plantation.attractive			
4		us arbor- crits	P	Parijatak			18		Fragrant flowers, Medicinal value			
5	Plumer	ia rubra		Chafa			16 Orn			rname	ntal plant, Fragrant flowers	
6	Gmelina	arborea	Shivan							ng deciduous tree with wer, medical use tree		
7	Albizzia lebbeck			Shirish tree			26			Large tree, good for roadside plantation		
8	Moringa	ga oleifera Dru			ck tree	14		4	Medicinal value, Drought tolerant species,fruite bearing			
9	Ficus ra	acemosa	I	Umber			22 Me			Medicinal value, Edible fruits,Bird attracting species		
10	Mimuso	ps elengi		Bakul			17			sweet scented flowers, medicinal tree with edible parts		
11	Manilka	ra zapota		Chiku			10			Medium sized Fruit Bearing Tree		
12	Annona	squaosa		Sita	ıfal		1	8	Medi	um si	zed Fruit Bearing Tree	
13	Ailanthu	s excelsa	M	aha	rukh		2	1	Lar	rge tre	ee, good for roadside plantation	

Joy S.Thakur (Secretary SEAC Meeting No: 103 Meeting Date: February 14, 2020Page 32 of 39Shri. Anil Kale ( of 39
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							i	
14	Tamarino	lus indica	Legumir	nous tree	1	4	Shady, large tree, Fruite bearing tree	
15	Bauhinia	racemosa	Bidi le	af tree	1	6	Medium sized deciduous tree.	
16	16 Murrayya paniulate Kun		inti	1	9	Small tree, Fragrant white flowers, Butterfly host plant		
17	Azadirachta indica Ne			em	1	5	Medicinal value	
18	Cupressus	macrocarpa	Golden	cypress	1	5	Ornamental plant	
19Lagestromia Flosre Genia20Ficus carica		Tam	Tamhan		9	State flower tree of Maharashtra, Medium sized tree, beautifulpurple flowers		
		Fig	Tree	1	8	Medium sized Fruit Bearing Tree		
21	Magnife	eraIndica	Ma	ngo	2	5	Large tree, Fruit Bearing Tree	
22	Syzygium cumini Jaml		bhul	2	8	Fast growing evergreen trees, can live more than 100 years, fragrant flowers, edible fruits		
23	23 Bauhinia semla		White or	chid tree	1	2	medium tree, white flowers.	
45	5.Total qua	ntity of plan	ts on grou	nd				
46.Nun	nber and	list of sh	rubs an	d bushes	species	to be pl	anted in the podium RG:	
Serial Number	Namo			C/C Dista	C/C Distance Area m2			
1	1 NA			NA			NA	
				47.Eı	nergy			
			Source of power supply :					
		During Construction Phase: (Demand Load) DG set as Power back-up during construction phase During Operation phase (Connected load):		116 KVA				
				125 KVA				
Dor				5096 KW				
Power requirement:		nt: During Operation phase (Demand load):		2742 KVA				
		Transform	er:	(630 KVA X	5) NOS, (3	15 KVA X 1 )	) NO	
C		DG set as I back-up du operation j	ring	400KVA X 1 NOS. + 250 KVA X 1 NOS.				
	~			HSD				
		Fuel used: Details of high tension line passing through the plot if any:		NA				
		<b>48.Ene</b>	rgy savi	ng by no	n-conver	ntional n	nethod:	



#### Enter Details Quantity

Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T8 fixture with Electronic Ballast for Common Area. 95143 KWH

Energy saving using Low Loss Transformer Against Conventional Transformer 21024 KWH

Energy Saving using Solar Water Heater Against Electrical water Heater 559944 KWH

Energy Saved by Solar PV 54000 KWH

Energy Saved by Automatic Timer logic controller for lighting Control Against No timer Control 80332 KWH Energy Saved by Using VFD for Lift against convensional drive 125195 KWH Total Energy Saving in Project by Energy saving measures 935638 KWH

		4	9.Detail calculati	ons &	δ % of saving:
Serial Number	E		ervation Measures		Saving %
1		onventional (	Energy efficient LED fixtu CFL/T8 fixture with Electu r Common Area.		34.53%
2	Energy sa		ow Loss Transformer Aga mal Transformer	ainst	5.26%
3	Energy S		Solar Water Heater Agai al water Heater	nst	75.34%
4		Energy Sa	aved by Solar PV		1.37%
5			natic Timer logic controll Against No timer Control	er for	43.16%
6	Energ		Jsing VFD for Lift against nsional drive	,	20.00%
7	Total En	00 0	in Project by Energy savi neasures	ng	16.69%
	-	50	.Details of pollut	ion c	ontrol Systems
Source	Existing pollution control system				Proposed to be installed
Not applicable	Not applicable				Not applicable
Budgetary allocation (Capital cost and O&M cost): O & M cost				,	
51	.Enviro	onment	tal Manageme	ent p	olan Budgetary Allocation
		a)	<b>Construction</b> pha	se (v	vith Break-up):
Serial Number	Attri	butes	Parameter		Total Cost per annum (Rs. In Lacs)
1	Air Envi	ronment	Water For Dust Suppression,Air & Noise Monitoring		3.50
2	Water Environment		onment "Tanker Water For Construction & Water Monitoring"		3.75
3	Land Environment		"Site Sanitation, mobile toilets"		0.85
4	Socio-E	conomic	"Disinfection- Pest Control, First Aid Facilities, Health Check Up, Personal Protective Equipment"		2.50
5	Monitor	ring Cell	Environmental Monitoring Cell		3.50

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 14, 2020	Page 34	Name: Kare Ami D Signature: Accord Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------------------------	---------------------------------------------------------	---------	---------------------------------------------------------------------------------

		b	) Operation P	hase (	with Brea	k-up):				
Serial Number	Com	ponent	Description	Ca	apital cost Rs Lacs		tional and ost (Rs. in	Maintenance Lacs/yr)		
1		STP	Waste water treatm	nent	99.65		23.5			
2	Rain Wate	er Harvesting	23 No of pits		26		1.2			
3Solid Waste Management"Biodegradable waste treatment"29.756.80										
4 Landscape "Green Belt Development" 21.55 1.09										
5	E	nergy	Enegy saving measures		162		3.00	)		
6		onmental nitoring	"Ambient Air qual Noise level, Exha from DG Set, drinl water,sewage fro STP as per EP ac	ust king om	-		1.50			
51.S	torag	e of che	micals (inf sub	lama ostan	-	osive/ha	zardou	s/toxic		
Descri	ption	Status	Location	Storag Capacit in MT	y storage	Consumption / Month in MT	Source of Supply	Means of transportatio		
Not app	licable	Not applicable	Not applicable	Not applicab		Not applicable	Not applicable	Not applicable		
			52.Any O	ther In	formation	1				
No Informa	tion Availa	ble		Y						
			53.Traff	ic Man	agement					
		Nos. of the to the main design of confluence	road	c generate	d from this pr	oject will conflu	ient on exis	ting 21m wide		
		C								



Stat

	Num baser	ber and area of ment:	I no Bacomente III/68 II/ SI M			
	Number and area of podia:		1 No Podium, 4497.88 sq.m			
	Total Parking area:		32115.4 sq.m			
	Area	rea per car: 12.5				
	Area	rea per car: 12.5				
Parking details:	Whee appro	ber of 2- elers as oved by oetent ority:	6			
	Whee appro	ber of 4- elers as oved by oetent ority:	854 nos		00	
	Publi	ic Transport:	Sainath Nagra Bus stop			
		h of all Internal s (m):	6 m internal road			
		RRZ clearance n, if any:	NA			
	Prote Critic areas areas boun	nce from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	NA			
	schee	gory as per dule of EIA ication sheet	8 (a)			
	Cour if any	t cases pending	NA			
		r Relevant mations	NA			
	subm Appli	you previously hitted ication online OEF Website.	No			
		of online lission	-			
SEAC	DIS	CUSSION	<b>ON ENVIRONMI</b>	ENTAL	ASPECTS	
Environmental Impacts of the project	-					
Water Budget	-					
Waste Water Treatment	-					
Drainage pattern of the project	-					
Ground water parameters	-					
Solid Waste Management	-					
Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary SEAC-III)		SEAC Meeting No	n: 103 Meeting Date: February 14, 2020	Page 36 of 39	Name: Kare Amir D Signature: Journan Shri. Anil Kale (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
Si	Cetilin Manager

Joy S.Thakur (Secretary SEAC-III)

Joy S. Thakur

	Name: Kare Anii D.
	Signature: Dela
<b>Page 37</b>	Shri. Anil Kale (Chairman
of 39	Shri. Anil Kale (Chairman SEAC-III)

Applied for	Expansion in existing	
Details of previous EC	SEAC-2010/CR 735/TC-II, 16 th January 2016	
Location of the project	S.No.18 H.No.1+2+3, S.No.19 H.No.1+2, Kharadi, Taluka Haveli, Pune,	
Latitude and Longitude	Lat-18º32'24.00''N, Long- 73º56'11.97''E	
Total Plot Area (m2)	32,000.00 Sq.m	
Deductions (m2)	00	
Net Plot area (m2)	32,000.00 Sq.m	
Proposed FSI area (m2)	61,581.27 Sq. m	
Proposed non-FSI area (m2)	59,986.79 Sq.m	
Proposed TBUA (m2)	1,21,568.06 sq.m	
TBUA (m2) approved by	1,21,568.06 sq.m	
Planning Authority till date		
Ground coverage (m2) & %	17747.86	
Total Project Cost (Rs.)	165,00,00,000.00	

#### Building Configuration:

Previous EC / Existing Building			Proposed Configuration		
Building	Configuration	Height	Building	Configuration	Height
Name		(m)	Name		(m)
Building A	P+14	49.03	Building A	P+14	49.03
Building B	P+13	42.93	Building B	P+13	42.93
Building C	P +13	42.93	Building C	P +13	42.93
Building D	P+13	42.93	Building D	P+13	42.93
Building E	B+P+21	66.75	Building E	B+P+21	66.75
Building F	B+P+21	66.75	Building F	B+P+21	66.75
Building G	B+P+21	66.75	Building G	B+P+21	66.75
Club House	P+G+1	11.34	Club House	P+G+1	11.34

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

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Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 103 Meeting Date: February 14, 2020	Page 38	Name: Kare Amir D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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# **DECISION OF SEAC**

#### **During discussion following points emerged:**

1. PP to submit Architect's Certificate stating buildingwise construction work carried out till date (FSI+nonFSI).

2. PP to submit contour plan of the plot where excess debris about 20000 m3 is proposed to be disposed along with cross sectional plan showing the filling.

3. PP to calrify any natural watercourse is/are passing through the plot.

4. PP to submit details of OWC.

5. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC. (d) Aviation NOC. (e) Garden NOC.

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

**Specific Conditions by SEAC:** 

Sile

## FINAL RECOMMENDATION

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

