	SEAC Meeting number: 67 Meeting Date August 22, 2018										
Subject: En	vironment Clearance for	r proposed p	roject by M/s Kedar Associates								
Is a Violati	on Case: No										
1.Name of Pr	roject	"Krishnakunj	Residency"								
2.Type of ins	titution	Private									
3.Name of Pi	roject Proponent	Mr. S.G. Lanl	ζe								
4.Name of Co	onsultant	M/s JV Analyt	ical Services								
5.Type of pro	oject	Residential &	Commercial								
6.New project project/mode in existing p	t/expansion in existing ernization/diversification roject	New Project									
7.If expansio whether envi has been obt project	n/diversification, ronmental clearance ained for existing	NA		22							
8.Location of	f the project	S. No. 41A/2/	1/1								
9.Taluka		Haveli									
10.Village		Wadgaon (Bk	Vadgaon (Bk.)								
Corresponde	nce Name:	Mr. S.G. Lanl	Mr. S.G. Lanke								
Room Numb	er:	Office No. 9	Office No. 9								
Floor:		-									
Building Nar	ne:	Rahul Complex, Near Krishna Hospital									
Road/Street	Name:	Paud Road									
Locality:		Kothrud									
City:		Pune-38									
11.Area of th	e project	Pune Municipal Corporation									
12 100/104/0	Concoccion/Dian	Received									
Approval Nu	mber	IOD/IOA/Concession/Plan Approval Number: CC/3138/17									
		Approved Built-up Area: 27342.79									
13.Note on t applicable)	he initiated work (If	NA									
14.LOI / NOC Other approv	C / IOD from MHADA/ vals (If applicable)	NA									
15.Total Plot	Area (sq. m.)	10500.00 m2									
16.Deduction	15	2945.97 m2									
17.Net Plot a	irea	7554.03 m2									
		a) FSI area	(sq. m.): 16193.39								
18 (a).Propos Non-FSI)	sed Built-up Area (FSI &	b) Non FSI area (sq. m.): 11202.83									
,		c) Total BUA area (sq. m.): 27396.22									
		Approved FS	5I area (sq. m.): 16193.39								
18 (b).Appro DCR	ved Built up area as per	Approved No	on FSI area (sq. m.): 11149.40								
2011		Date of Approval: 26-02-2018									
19.Total grou	und coverage (m2)	1925.12									
20.Ground-co (Note: Percent to sky)	overage Percentage (%) ntage of plot not open	18.33 % of Total Plot area (10500.00 m2) and 25.48% of Net Plot area (7554.03 m2)									
21.Estimated	l cost of the project	739500000									
	22.Num	ber of l	ouildings & its config	guration							
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)							

AniiD K.s. Largets Name: Kare l. Signature: de SEAC Meeting No: 67 Meeting Date: August 22, 2018 Shri. Anil Kale (Chairman SEAC-III) K.S.Langote (Secretary SEAC-III) Page 1 of

137

1		Building A		L	P + UP / G+11		36 M		
2		Building B			LP +UP +11		36 M		
3		Building C			LP +UP +11		36 M		
4		Building D			LP+7		23.35 M		
5		Building E			LP+8		26.25 M		
23.Number tenants an	r of d shops	Total Tenen Total Shops	nents -283 N - 07 Nos.	0S.					
24.Number expected r users	r of esidents /	Residential	Users: 1415	Nos. Comm	ercial Users : 58 Nos	s. Total Use	ers: 1473 Nos.		
25.Tenant per hectar	density e	270/H							
26.Height building(s)	26.Height of the building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s) 24 M wide DP road						576			
28.Turning for easy ac fire tender movement around the excluding for the pla	28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation								
29.Existing structure (J (s) if any	NA							
30.Details demolition disposal (I applicable	of the with f	NA		S					
			31.P	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M	1)	Total (MT/M)		
1	Not ap	plicable	Not app	licable	Not applicable		Not applicable		
		3	2.Tota	l Wate	r Requirem	ent			
Gill									



		Source of	water	PMC								
		Fresh wate	er (CMD):	205.64 m3/	day (One tim	ie)						
		Recycled w Flushing (vater - CMD):	65.13 m3/d	ay							
		Recycled w Gardening	vater - (CMD):	7.00 m3/day								
		Swimming make up (pool Cum):	NA								
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	133.51 m3/	day							
		Fire fightin Undergrou tank(CMD	ng - Ind water):	250 m3								
		Fire fightin Overhead tank(CMD	ng - water):	90 m3								
		Excess treated	ated water	102.13 m3/	day							
		Source of	water	PMC								
		Fresh wate	er (CMD):	198.64 m3/day (One time)								
		Recycled v Flushing (vater - CMD):	65.13 m3/day								
			vater - (CMD):	NA								
		Swimming make up (pool Cum):	NA								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	133.51 m3/day								
		Fire fightin Undergrou tank(CMD	ng - Ind water):	250 m3								
		Fire fightin Overhead tank(CMD	ng - water):	90 m3								
		Excess tre	ated water	109.13 m3/day								
Details of pool (If an	Swimming y)	NA										
		3	3.Detail	s of Tota	l water o	onsume	d					
Particula rs	Cons	sumption (C	CMD)		Loss (CMD))	Ef	fluent (CM	D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			



	Level of the Ground water table:	Summer Season - 12.25 m. to 15.50 m. BGL. (13.38 M. Average) Rainy Season - 4.50 m. to 7.75 BGL. (6.13 M. Average) Winter Season - 8.38 m. to 11.63 m. BGL. (10.01 M. Average)							
	Size and no of RWH tank(s) and Quantity:	NA							
	Location of the RWH tank(s):	NA							
	Quantity of recharge pits:	3 Nos.							
34.Rain Water Harvesting (RWH)	Size of recharge pits :	2.0 M X 2.0 M X 1.5 M							
	Budgetary allocation (Capital cost) :	Rs.3.00Lakh							
	Budgetary allocation (O & M cost) :	Rs 0.25 Lakh/Year							
	Details of UGT tanks if any :	For Building A,B,C (Plot A):- Domestic UG tank Capacity: 158.99 m3 Flushing UG tank Capacity: 65.55 m3 Fire UG tank Capacity: 150 m3 For Building D&E (Plot B):- Domestic UG tank Capacity: 97.28 m3 Flushing UG tank Capacity: 42.64 m3 Fire UG tank Capacity: 100 m3							
	Natural water drainage pattern:	-							
35.Storm water drainage	Quantity of storm water:	84.78 m3/day							
	Size of SWD:	600 mm							
	Sewage generation in KLD:	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day							
	Sewage generation in KLD: STP technology:	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR							
Sewage and	Sewage generation in KLD: STP technology: Capacity of STP (CMD):	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day							
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP:	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2							
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost):	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day :Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh							
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost):	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day :Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year							
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solid	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day :Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management							
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Soli Waste generation:	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day :Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management 50kg/day							
Sewage and Waste water Waste generation in the Pre Construction and Construction phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Soli Waste generation: Disposal of the construction waste debris:	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day :Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management 50kg/day Use for Leveling							
Sewage and Waste water Waste generation in the Pre Construction and Construction phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Soli Waste generation: Disposal of the construction waste debris: Dry waste:	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day :Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management 50kg/day Use for Leveling Plot A: -179 kg/day, Plot B: - 113 kg/day							
Sewage and Waste water Waste generation in the Pre Construction and Construction phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Soli Waste generation: Disposal of the construction waste debris: Dry waste: Wet waste:	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day - Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management 50kg/day Use for Leveling Plot A: -179 kg/day, Plot B: - 113 kg/day A: - 261 kg/day, Plot B: - 170 kg/day							
Sewage and Waste water Waste generation in the Pre Construction and Construction phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Soli Waste generation: Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste:	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day : Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management 50kg/day Use for Leveling Plot A: -179 kg/day, Plot B: - 113 kg/day A: - 261 kg/day, Plot B: - 170 kg/day NA							
Sewage and Waste water Waste generation in the Pre Construction and Construction phase: Waste generation in the operation Phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Soli Waste generation: Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable):	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day :Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management 50kg/day Use for Leveling Plot A: -179 kg/day, Plot B: - 113 kg/day A: - 261 kg/day, Plot B: - 170 kg/day NA							
Sewage and Waste water Waste generation in the Pre Construction and Construction phase: Waste generation in the operation Phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Soli Waste generation: Disposal of the construction waste debris: Dry waste: Hazardous waste: Biomedical waste (If applicable): STP Sludge (Dry sludge):	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day - 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day - Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management 50kg/day Use for Leveling Plot A: -179 kg/day, Plot B: - 113 kg/day A: - 261 kg/day, Plot B: - 170 kg/day NA Plot A: -9.51 kg/day, Plot B: - 6.17 kg/day							
Sewage and Waste water Waste generation in the Pre Construction and Construction phase: Waste generation in the operation Phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (Capital	Plot A:- 105.62 m3/day, Plot B:- 68.65 m3/day MBBR Plot A(STP 1): 110m3/day, Plot B(STP 2):- 70 m3/day For 110m3/day- 71.00 m2 & For 70 m3/day-41.25 m2 For 110 m3/day :Rs. 21.00Lakh, For 70 m3/day- 18.00 Lakh For 110 m3/day - Rs. 6.70 Lakh / Year , For 70 m3/day- 6.66 Lakh / Year d waste Management 50kg/day Use for Leveling Plot A: -179 kg/day, Plot B: - 113 kg/day A: - 261 kg/day, Plot B: - 170 kg/day NA Plot A: -9.51 kg/day, Plot B: - 6.17 kg/day							

Dry waste:					SWaCH							
		Wet wa	ste:		Organic Waste Convertor							
		Hazard	ous waste	e:	NA							
Mode of a of waste:	Disposal	Biomed applica	lical wast ble):	e (If	NA							
		STP Slu sludge)	udge (Dry):	7	Used as Manure after treatment in OWC.							
Others if any:					-							
Location(s):					-	-						
Area for t of waste & material:		r the stor e & other al:	rage	OWC 1: 49.80 m2 & OWC 2: 55 m2 including machinery area								
		Area for	r machin	ery:	-							
Budgetary	allocation	Capital	cost:		For 375 kg/ 12.00 Lakh	'day(O'	WC 1)	- Rs12	.75 La	kh, Fo	r 250 I	kg/day(OWC 2)- Rs.
O&M cost)	:	0 & M (cost:	For 375 kg/day(OWC 1 Rs.2.30 Lakh / Year				Rs.2	.50Lal	kh / Ye	ar, Fo	r 250 kg/day(OWC 2)-
37.Effluent Charecterestics												
Serial Number	Paran	ameters Unit		Inlet E Charect	ffluen eresti	it cs	Ou Ch	utlet I narect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)	
1	Not apj	plicable	N appli	ot cable	Not ap	plicabl	e		lot ap	plicabl	e	Not applicable
Amount of effluent generation (CMD): Not applicable												
Capacity of the ETP: Not applica					ble							
Amount of treated effluent Not application Not					ble							
Amount of water send to the CETP: Not applica					ble							
Membershi	p of CETP (if	require)	: Not a	pplica	ble							
Note on ET	P technology	to be us	ed Not a	pplica	ble							
Disposal of	the ETP sluc	lge	Not a	pplica	ble							
			3	8.H a	zardous	Was	te D	etai	ls	-		
Serial Number	Descr	iption	Ca	at	UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1	Not apj	olicable	No applio	ot cable	Not applicable	No applio	ot cable	No applio	ot cable	N appli	ot cable	Not applicable
			3	89.St	acks em	issio	n Do	etail	5			
Serial Number	Section	& units	Fu	iel Us Quai	ed with ntity	Stack	« No.	Hei fro grou level	ght om und (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1	125 KVA	A – 1 No.	HS	D-22.0	00 Lit./hr	S-	-1	6.	5	will prov	l be ided	will be provided
2	62.5 KV	A - 1 No	HS	D-13.0	00 Lit./hr	S-	2	5.	5	will prov	l be ided	will be provided
			40).De	tails of F	uel t	to be	e use	ed			
Serial Number	Тур	e of Fue	el		Existing			Prop	osed			Total
1		HSD		Ν	Not applicabl	е		35 li	it/hr			35 lit/hr
K.S.Langote (Secretary SEAC-III) SEAC Meeting No: 67 Meeting 2018					o: 67 Meeting 2018) Date:	Augus	st 22,	Pag	e 5 of 137	Nam Sign Shri. SEAC	ne: K art Amin D nature: Accelan Anil Kale (Chairman -III)

41.Source o	41.Source of Fuel Bharat Petroleu					m Corporation Ltd/ Hindustan Petroleum				
42.Mode of	Transportat	ion of fuel to	site By	7 Roa	adways					
		Total RG a	rea :		937.27m2					
		No of trees :	to be cu	ut	NA					
43.Green Belt Development List of proprative trees Timeline for completion plantation :		Number of be planted	Number of trees to be planted :		153 Nos.					
		List of proposed native trees :			-					
		or of :		Mid of Cons	Mid of Construction					
	44.Nu	mber and	l list of	f tr	rees spe	cies to b	e plante	d in the ground		
Serial Number	Name of	the plant	Com	mon	n Name	Quantity		Characteristics & ecological importance		
1	Bauhinia	tomentosa	Yellov	w Ba	auhinia	1	5	Small tree known to have antimicrobial activity.		
2	Gmellina	a arborea	Wh	hite '	Teak	8	3	Fast growing deciduous tree		
3	Putranjiva roxburghii		Pu	Putranjiva		5		Evergreen & ornamental tree with medicinal values.		
4	Azadirec	Azadirecta indica		Neem		4	Į	Fast growing used for medicinal purpose & pest control.		
5	Anthoc cada	Anthocephalus cadamba		Kadamba		10		It has orange flowers & attracts bees, butterflies & birds.		
6	Erithrin	a indica	a Silk Cott		on Tree 🦷	Tree 3		Medium sized flowering trees.		
7	Pongam	ia glarba	Indi	Indian Beech		8		Tree has medicinal properties.		
8	Artoc hetero	arpus phyllus	Ja	Jackfruit		6		Hugh Fruit bearing tree attracts birds.		
9	Plumer	ria alba	White	White Frangipani		17		Ornamental & flowering tree.		
10	Bauhinia	blakeana	K	Kanchan		5		Evergreen & flowering tree & is a spectacular trees.		
11	Cassia	fistula	F	Baha	iva	15		Ornamental tree with yellow flowers.		
12	Fishta	il palm		Palı	m	2	8	Unique looking tree & largely used in landscape designs.		
13	Nycta arbor	anthes tristis	Pa	arija	ntak	1	0	Ornamental with fragrant flowers attracts birds & butterflies.		
14	Mangife	ra indica	1	Man	go	6	5	Evergreen with huge canopy & fruit bearing tree.		
15	Tabubi	a rosea	Т	Гаbu	bia	1	3	Deciduous tree with spreading crown.		
45	.Total qua	ntity of plan	ts on gro	oun	d					
46.Num	nber and	list of sh	rubs a	and	l bushes	species	to be pl	anted in the podium RG:		
Serial Number		Name			C/C Distance			Area m2		
1		-			-			-		
					47. Er	nergy				

K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 6 of	Name: Kart Ami D Signature:
SEAC-III)	2018	137	SEAC-III)
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			-					
		Source of power supply :	MSEDCL.					
		During Construction Phase: (Demand Load)	30 KW					
		DG set as Power back-up during construction phase	1 no. x 40 KVA					
		During Operation phase (Connected load):	1199 KW					
Pov require	wer ement:	During Operation phase (Demand load):	692 KW					
		Transformer:	Plot A:- 22KV/630	KVA – 1 No	and Plot B:-	22KV/200 KVA - 1 No		
		DG set as Power back-up during operation phase:	Plot A: - 125 KVA	KVA - 1 No				
		Fuel used:	For 125 KVA :- 22.00 Lit./hr for 100% load and For 62.5 KVA :- Lit./hr for 100% load					
		Details of high tension line passing through the plot if any:	NA					
		48.Energy savi	ng by non-co	nvention	al metho	od:		
Solar water heating systems will be done for bathrooms.								
• Solar ligh	ts will be pro	ovided for common amer	ities like Street lig	hting & Gar	den lighting			
• LED base walls etc.	d lighting wi	ll be done in the commo	n areas, landscape	areas, signa	ge's, entry ga	ates and boundary compound		
• Auto Time Lights, for s	er switches v saving electr	vill be provided for Stree ical energy.	t lights, Garden lig	hts, Parking	& staircase	Lights & other common area		
• Water leve	el controller	s with timers will be use	d for Water pumps.					
• To create	awareness t	o end consumer or flat o	wner, for using ene	ergy efficien	t light fitting	s like LED lights		
		49.Detail	calculations	& % of s	aving:			
Serial Number	E	nergy Conservation M	easures		Sa	aving %		
1	LED Lam Parking	p & Fitting For Common g, Staircase, Passage & T	Areas i.e. Bldg. Ferrace Floor.		57.75	6 KWH/DAY		
2	Up Ligh	ter - Light Fitting For La	indscape Area.		0.96	KWH/DAY		
3	Bollard Li	ghter - Light Fitting For	Landscape Area.		0.7	KWH/DAY		
4	Solar Stree	et Light Fitting - Pole Lig	ht On Road Side.		6 K	WH/DAY		
5		Street Light on the B	ldg.		3.6	KWH/DAY		
6	Energ	y Saving by Solar Hot W	ater System.		1061.2	25 KWH/DAY		
		50.Details	of pollution o	ontrol S	ystems			
Source	Ex	isting pollution contro	ol system		Proposed	to be installed		
Air					Green belt	will be provided.		
Water		-		STP will be	e installed & flushing	excess treated water used for & gardening		
The						Name: Kall Amil D		

K.S.Langote (Secretary	feeting No: 67 Meeting Date: August 22,	Page 7 of	Signature: Shri. Anil Kale (Chairman
SEAC-III)	2018	137	SEAC-III)

Noise			-			Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.					
Solid Waste		_	-		Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH						
Budgetary	allocation	allocation Capital cost: Rs			s 31.74 Lakh						
(Capital O&M	cost and cost):	O & M cos	:t:	Rs 0.91 Lakh / year.							
51	51.Environmental Management plan Budgetary Allocation										
a) Construction phase (with Break-up):											
Serial Attributes Parameter						Total Cost p	oer annum (Rs. In Lacs)				
1	Air Environment Sup No		Water : Suppress Noise M	ater for Dust pression, Air & ise Monitoring		0.50 Lakh/Year					
2	Water Environment		Tanker Water for Construction, Water Monitoring		0.50 Lakh/Year						
3	Land Environment		Site Sanitation –Mobile toilets			0.50 Lakh/Year					
4	Socio-economic F		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	oonent	Desci	iption	Cap	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	STP (110) m3/day)	STP 1(F	or Plot A)		21.00 Lakh	6.70 Lakh/Year				
2	STP (70	m3/day)	STP 2(F	or Plot B)		18.00 Lakh	6.66 Lakh/Year				
3	RV	WH	Rain water	Harvesting		3.00 Lakh	0.25 Lakh/Year				
4	MSW (37	'5 Kg/day)	OWC 1(F	'or Plot A)		12.75 Lakh	2.50 Lakh/Year				
5	MSW (25	0 Kg/day)	OWC 2(F	'or Plot B)		12.00 Lakh	2.30 Lakh/Year				
6	Solar	System		-		31.74 Lakh	0.91 Lakh/Year.				
7	Lands	caping		-		18.00 Lakh	1.80 Lakh/Year				
8	Pumping +	Piping cost		-		2.10 Lakh	0.80 Lakh/Year				
9	Safety Ec	quipments		-		10.00 Lakh	2.00 Lakh/Year				
10	Post EC N	Aonitoring		-		-	2.50 Lakh/Year				
11	Dry V Manag	Waste gement		-	- 1.70 Lakh/Year						
51.5	torage	of che	micals	(inflan substa	nab	le/explosiv es)	/e/hazardous/toxic				

K.s. Langets			Name: Kart Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 8 of	Shri. Anil Kale (Chairman
SEAC-III)	2018	137	SEAC-III)

Description	Status Not	Location		Storage Capacity in MT Not	Maximum Quantity of Storage at any point of time in MT Not	Consumption / Month in MT	Source of Supply	Means of transportation			
Not applicable	applicable	Not applica	able	applicable	applicable	Not applicable	applicable	Not applicable			
		52.A	ny Ot	her Info	rmation	1					
No Information Availa	ble										
	-	53.	Traffi	c Manag	gement						
Nos. of the junction to the main road & design of confluence:			-				N	3			
	Number basemer	and area of nt:	NA								
Parking details:	Number podia:	Number and area of podia:		NA							
	Total Pa	rking area:	8341.40 m2								
	Area per	r car:	40.88 r	n2							
	Number Wheeler approve compete authorit	Number of 2- Wheelers as approved by competent authority:		610							
	Number Wheeler approve compete authorit	Number of 4- Wheelers as approved by competent authority:		204							
	Public T	ransport:	NA								
	Width or roads (n	f all Internal n):	6 m								
	CRZ/ RR obtain, i	Z clearance if any:	NA								
S	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			NA							
	Categor schedul Notifica	y as per e of EIA tion sheet	8(a)								
	Court ca if any	nses pending	NA								
	Other R Informa	elevant tions	-								

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 9 of 137	Name: K 974 A min D Signature: A line Shri. Anil Kale (Chairman SEAC-III)
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Have you previously submitted Application online on MOEF Website.	No
Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for proposed project "Krishnakunj Residency" at S. No. 41A/2/1/1, Wadgaon (Bk.) by M/s Kedar Associates.

PP submitted their application for prior Environmental clearance for total plot area of 10500 Sq. Mtrs, BUA of 27366.15 Sq. Mtrs and FSI area of 16193.39 Sq. Mtrs. PP proposes to construct 5 no. no. residential building(wings).

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF& CC circular dated 1/05/2018.

FINAL RECOMMENDATION

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

K.S.Langote (Secretary
SEAC-III)SEAC Meeting No: 67 Meeting Date: August 22,
2018Page 10
of 137Name: Kore Amin D
Signature: School
Signature: School
SEAC-III)

SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for Environment Clearance for Proposed IT Development At S.No. 1344/3 & 4 and S.No.63/1/6, Kharadi and Wagholi, Pune City and Haveli, Pune411014 by M/S AIGP Developers(Pune) Private Limited

Is a Violation Case: No					
1.Name of Project	Environment Clearance for Proposed IT Development At S.No. 1344/3 & 4 and S.No.63/1/6, Kharadi and Wagholi, Pune City and Haveli, Pune411014 by M/S AIGP Developers(Pune) Private Limited				
2.Type of institution	Private				
3.Name of Project Proponent	Manoj Somawanshi, AIGP Developers(Pune) Private Limited				
4.Name of Consultant	Vke environmental LLP				
5.Type of project	Commercial Project (IT/ITES SEZ)				
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 Expansion				
8.Location of the project	S.No. 1344/3 & 4 and S.No.63/1/6, Kharadi and Wagholi, Pune City and Haveli, Pune 411014				
9.Taluka	Haveli				
10.Village	Kharadi and Wagholi				
Correspondence Name:	Manoj Somawanshi				
Room Number:	C/o Ascendas Services (India) Private Limited, Unit 607 and 608, S.No.105(3)				
Floor:	6th Floor				
Building Name:	Amar Business Park				
Road/Street Name:	Baner Road				
Locality:	Baner				
City:	Pune				
11.Area of the project	Kharadi in Pune Municipal Corporation and Wagholi in PMRDA				
	Plan Sanction received from PMRDA				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA				
	Approved Built-up Area: 348679				
13.Note on the initiated work (If applicable)	No work initiated				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Sanction received from PMRDA				
15.Total Plot Area (sq. m.)	66883.5 sqm				
16.Deductions	0 sqm				
17.Net Plot area	65840.0 sqm				
	a) FSI area (sq. m.): 1,68,879.41 Sqm				
Non-FSI)	b) Non FSI area (sq. m.): 1,79,799.08 Sqm				
	c) Total BUA area (sq. m.): 348679				
	Approved FSI area (sq. m.): 1,68,879.41 Sqm				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 1,79,799.08 Sqm				
	Date of Approval: 23-01-2018				
19.Total ground coverage (m2)	25242.94				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38%				
21.Estimated cost of the project	896000000				

22.Number of buildings & its configuration

K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 11	Name: Kare Ami D Signature: Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Serial number	Building Name & number			Nu	mber of floors		Height of the building (Mtrs)
1	Block 1				4P+S+14		73.05
2	Block 2				4P+S+14		73.05
3		Block 3			2P+S+5		25.90
4		Block 4		1	B+UP+G+2		13.80
23.Number tenants an	r of d shops	It is Comme	rcial Building				
24.Number expected rusers	r of esidents /	25800					
25.Tenant per hectar	density e	NA					
26.Height building(s)	of the						
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the ouilding(s)	24m					
28.Turning for easy ac fire tender movement around the excluding for the pla	radius cess of from all building the width ntation	Min 9 m			006	50,	
29.Existing structure (J s) if any	No construc	tion work on s	site			
30.Details of the demolition with disposal (If applicable)							
31.Production Details							
Serial Number	Serial Number Proc		Existing (N	MT/M)	Proposed (M	/IT/M)	Total (MT/M)
1	Not app	ot applicable Not applicable Not applicable Not applicable					
32.Total Water Requirement							



Sit

Source of water			Pune M	Pune Municipal Corporation								
		Fre	esh water ((CMD):	778							
		Re Flu	cycled wat Ishing (CM	er - ID):	551	551						
		Re Ga	cycled wat rdening (C	er - CMD):	92	92						
		Sw ma	rimming po 1ke up (Cu	ool m):	0							
Dry seasor	1:	To Re :	tal Water quirement	(CMD)	1815							
		Fir Un tar	re fighting derground nk(CMD):	- l water	Total Fi	re tank UGT	Г 1100 І	dd				
		Fir Ov tar	re fighting erhead wat nk(CMD):	- ter	190 for	all building			N			
		Ex	cess treate	d wate	r 0							
		So	urce of wat	ter	Pune M	unicipal Co	rporatio	n				
		Fre	esh water ((CMD):	686							
		Re Flı	cycled wat ishing (CM	er - ID):	551		C					
		Re Ga	cycled wat rdening (C	er - CMD):	0	0						
		Sw ma	rimming po ike up (Cui	ool m):	0	0						
Wet seaso	n:	To Re :	tal Water quirement	(CMD)	1723	1723						
		Fir Un tar	re fighting derground nk(CMD):	- I water	Total Fi	Total Fire tank UGT 1100 kld						
		Fir Ov tar	re fighting erhead wat nk(CMD):	- ter	190 for	190 for all building						
		Ex	cess treate	d wate	r 0	0						
Details of pool (If an	Swimming y)	NA										
			33.	Deta	ils of To	otal wate	er coi	nsumed				
Particula rs	Const	ımp	otion (CMD))	Lo	oss (CMD)		I	Effluent (CMD))		
Water Require ment	Existing	ſ	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Fresh water requireme nt	Not applicable	е	778	778	0	0	0	Not applicable	Not applicable	Not applicable		
Gardening	NA		92	92	0	0	0	NA	NA	NA		

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 13 of 137	Name: Kare Api D Signature: Shri. Anil Kale (Chairman SEAC-III)
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	Level of the Ground water table:	Post-monsoon water Table 6 - 8m BGL Pre-monsoon water Table 10 -13m BGL					
	Size and no of RWH tank(s) and Quantity:	NA					
	Location of the RWH tank(s):	NA					
34.Rain Water	Quantity of recharge pits:	14 Recharge borewell are proposed					
(RWH)	Size of recharge pits :	2mx2mx3m depth					
	Budgetary allocation (Capital cost) :	Rs 15,00,000 /-					
	Budgetary allocation (O & M cost) :	Rs 1,50,000 /-					
	Details of UGT tanks if any :	Total UGT for Block-1: 1500 KLD Total UGT for Block-2: 1385 KLD Total UGT for Block-3&4: 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:	2974.03 m3/hr					
	Size of SWD:	3450 mm					
	Sewage generation in KLD:	1154					
	STP technology:	MBR					
Sewage and	Capacity of STP (CMD):	T2 STP's of 600 kld proposed for project STP 1 For lock 1 600 KLD STP 2 For Block 2,3,4600KLD					
Waste water	Location & area of the STP:	On ground					
	Budgetary allocation (Capital cost):	200.0 lakhs					
	Budgetary allocation (0 & M cost):	20.0 lakhs					
	36.Solie	d waste Management					
Waste generation in	Waste generation:	Dry waste (Kg/day): 8 kg/day -Wet waste (Kg/day): 12 kg/day -Total waste generated: 20 Kg/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:	3870 kg/day					
	Wet waste:	2580 kg/day					
Waste generation	Hazardous waste:	NA					
in the operation Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	60 kg/day					
	Others if any:	E-waste 1860Kg/month					
the		Name: Kart Amil D					

Got			Name: Rolle 14mm 12
K.s. Langets			Signature: Ach-
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 14	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Dry waste:		Will be Har	Will be Handed over to authorized Vendor							
		Wet waste	•	Wet waste will be treated in Organic Waste Convertor						
		Hazardous	waste:	NA	NA					
Mode of Disposal of waste:		Biomedica applicable	l waste (If):	NA						
		STP Sludg sludge):	e (Dry	Dried sludg	je from	STP y	will be used a	as manur	'e	
		Others if a	ny:	e waste wil	l be ha	ndove	r to authoriz	ed e was	te V	endor
		Location(s	;):	On ground						
Area requirem	ent:	Area for th of waste & material:	ne storage other	Total OWC	area 9	0 sq n	n/owc			
		Area for m	achinery:	Total OWC	area 9	0 sq n	n/owc			
Budgetary	allocation	Capital co	st:	25 lakhs						
O&M cost)	st and	O & M cos	t:	4.6 lakhs						
			37. E	ffluent C	hare	cter	estics			
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluer teresti	nt ics	Outlet Charect	Effluent cerestics		Effluent discharge standards (MPCB)
1	Not ap	plicable	Not applicable	Not ap	plicabl	е	Not apj	Not applicable		Not applicable
Amount of effluent generation Not applica				plicable						
Capacity of	the ETP:		Not applica	able						
Amount of t recycled :	reated efflue	ent	Not applica	plicable						
Amount of v	water send to	o the CETP:	Not applica	able						
Membershi	p of CETP (if	f require):	Not applica	icable						
Note on ET	P technology	to be used	Not applica	able						
Disposal of	the ETP sluc	lge	Not applica	cable						
			38.H	azardous	Was	ste D	etails			
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Total	l	Method of Disposal
1	Used or	Spent oil	0	Kg/month	()	0	0		NA
			39. S	tacks em	issio	n D	etails			
Serial Number	erial mber Section & units Qua		sed with antity	Stacl	k No.	Height from ground level (m)	Interna diamet (m)	al er	Temp. of Exhaust Gases	
1	1 NA N			JA	N	A	NA	NA		NA
			40.De	etails of H	Fuel	to b	e used			
Serial Number	Serial Number Type of Fuel		Existing			Proposed			Total	
1 NA			0			NA			NA	
41.Source of	of Fuel		NA							
42.Mode of	Transportat	ion of fuel to	site NA							

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 15 of 137	Name: Kart Ami) D Signature: Ami) D Shri. Anil Kale (Chairman SEAC-III)
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		Total RG area :		9545 sqm					
		No of trees	to be cut	0	0				
43.Green Belt		Number of be planted	Number of trees to be planted :		896				
Develop	ment	List of prop native tree	posed s :	Please refe	below list				
		Timeline for completion plantation	or 1 of :	Till operation	on phase				
	44.Nu	mber and	l list of t	rees spe	cies to be	e plante	d in the ground		
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance		
1	Mangife	ra indica	Ma	ngo	4	ŀ	TSacred, bird loving. fruit bearin		
2	Anthoc kada	ephalus amba	Kada	amba	3	6	Sacred and flowering		
3	Tabebu	ia rosea	Rose ti	rumpet	8	5	flowering tree		
4	Azardirto	cha indica	Ne	em	6	0	Medicinal , bird loving, air purifying		
5	Michelia	champaka	Sonc	chafa	6	5	TFragrant flowering and sacred		
6	Millingtoni	ia hortensis	Akash	ineem	7	1	Fragrant flowering, medicinal		
7	Saptl campa	Sapthodea campanulata		Flame tree		0	Flowering and medicinal		
8	Lagerstron	Jerstromia speciosa Prie		ide of India 37		7	Native and flowering		
9	Peltophorum pterocarpum		Yellow g	Yellow gulmohar		4	Flowering and ornamental		
10	Cassia	fistula	Ama	ltus 51		1	Sacred and flowering		
11	Bauhinia	blakeana	Orchi	id tree 46		6	Native and flowering		
12	Albizzia	lebbeck	Shir	rish	40		Sacred and medicinal		
13	Pongami	a pinnata	Kar	ranj	anj 65		Native and medicinal		
14	Cassia J	Javanica	Pink s	hower	34	4	Flowering, sacred, fast growing		
15	Nyctanth tris	nes arbor- stis	PAr	rijat	1	8	Sacred and flowering, native		
16	Filicium	decipiens	Fern	tree	24	4	Native, evergreen		
17	Plumer	ria alba	Templ	le tree	34	4	Sacred, flowering		
18	Jacaranda	mimosifolia	Jacar	randa	2	9	Flowering beauty, naturalised		
19	Bahuinia	racemosa	Ap	ota	23	3	Native, flowering, small		
20	Butea mo	onosperma	Dh	lak	24	4	Native, deciduous, flowerin		
21	Lagerstro reg	Lagerstroemia Flos reginae crepe		myrtle	2	6	Native, flowering		
45	.Total qua	ntity of plan	ts on grou	nd					
46.Num	nber and	list of sh	rubs an	d bushes	s species	to be pla	anted in the podium RG:		
Serial Number		Name		C/C Dista	C/C Distance		Area m2		
1		NA		NA			NA		
47.Energy									



		Sour supp	ce of po ly :	ower	MSEDCL						
		Durin Phase Load	ng Cons e: (Dem)	struction and	500KW	500KW					
		DG so back- const	DG set as Power back-up during construction phase		1000kVA DG Set						
D		Durin phase load)	ng Oper e (Conn :	ration lected	20428kVA						
require	ement:	During Operation phase (Demand load):		10068 kVA							
		Trans	sformer	r:	15500 kva						
		DG so back- opera	et as Po -up duri ation ph	ower ing hase:	10 DG set of 2000 KVA and 2 Nos of 250 kva, 2 Nos. 360 KVA						
		Fuel	used:		HSD						
		Detai tensi throu any:	ils of hig on line ıgh the	gh passing plot if	NA)			
		48	.Ener	ov savi	na by no	n-conventio	nal m	netho	od:		
The position of the two towers is at @ 45° to nor 1. Central courtyard also gets benefited as at any The courtyard would be a relief point to all. Core maximum daylight. Double glazed facade is being natural light penetration. The orientation of the l development. 2. Solar Street Lights will be used				th. This shall y given point es of the buil g considered buildings, ma	l help to receive courtyard will l dings are placed to reduce the h aterials and desi	less hea ave desi at Cente eat gain gn make	at and m sired su ter to re a and m es this a	nore light. n and shadow. eceive aximize the a sustainable			
			49 .	.Detail	calculati	ons & % of	savin	ıg:			
Serial Number	E	nergy	Conser	vation Me	easures	sures Saving %			aving %		
1		Ţ	Using So	olar energy	y 1% of demand load						
		6	50. D	Details	of pollut	ion control	Syste	ems			
Source	Ex	isting	polluti	on contro	l system Proposed to be installed			to be installed			
Not applicable			Not ap	pplicable				Not	applicable		
Budgetary	allocation	Capit	tal cost:	•	200.0 L						
O&M	cost):	0&1	M cost:		1.92 L						
51	.Enviro	onm	enta	al Mar	ageme	nt plan I	Budg	jetai	ry Allocation		
			a) C	onstruc	tion pha	se (with B	eak-u	up):			
Serial Number	Attri	butes		Parar	neter	Tota	l Cost p	per ani	num (Rs. In Lacs)		
1	Air Envi	ronme	nt s	Erosion co suppression top soil pro	ntrol, dust 1 measures, eservation			17.	76		
2	La	nd	L	Labour can sanit	np toilets & ation			4.8	30		
K.S.Langote (Secretary SEAC-III)			SEAC N	Meeting No	: 67 Meeting 2018	Date: August 22	Pago	age 17 of 137	Name: K 974 A mi) D Signature: A la		

	1									
3	Health	and safety	Labour equipmen	safety & It trainin	ıg	04.00				
4	Envi Moi	ronment nitoring	Air, Water,	Soil, No tc	vise		1.82			
5	Н	Health Health ch Disinfe			x		0.51			
			b) Operat	ion Pł	1ase (wi	se (with Break-up):				
Serial Number	Com	iponent	Descr	Description		ital cost Rs Lacs	. In Opera	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Sewage I	e treatment plant	2 S	STP		200		20		
2	Organ mana	nic waste agement	2 0	WC		25		4.62		
3	Land	lscaping	Developr Mainte	nent and enance	1	160		18	9	
4	Rain wate	er harvesting	J 14 Recht prop	arge pits osed	5	15		1.5		
5	Energy PV pan			for Stre ght	et	200		1.92		
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic									
Descri	ption	Status	Location	Location Ca		Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
HSD	Fuel	Not applicable	North and So Site	uth of	41	50	16.8	local supplier	Tanker	
			52.A	ny Oti	her Info	rmation	l			
No Informa	ition Availa	ble								
		1	53.	Traffi	c Mana	gement				
	Nos. of the junction to the main road & design of confluence:						Area. The deve while the inter	lopment will nal driveway	be accessible s are minimum	
	A S	1								



	Number and area of basement:	No basement			
	Number and area of podia:	2 podium of 7666.0 area are proposed			
	Total Parking area:	1,15,419.20 sqm			
	Area per car:	12.5			
	Area per car:	12.5			
Parking details:	Number of 2- Wheelers as approved by competent authority:	7542 Nos			
	Number of 4- Wheelers as approved by competent authority:	2560 Nos			
	Public Transport:	NA			
	Width of all Internal roads (m):	6m, 9m and 12 m			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	NA			
	Court cases pending if any	No court cases pending against project till date.			
	Other Relevant Informations	NA			
	Have you previously submitted Application online on MOEF Website.	Yes			
	Date of online submission	12-09-2017			
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
5	Summorised i	n brief information of Project as below.			
Brief information of the project by SEAC					



I

Environment Clearance for Proposed Development for IT/ITES SEZ, at S.No. 1344/3 & 4 and S.No.63/1/6, Kharadi and Wagholi, Pune City and Haveli, Pune,by**M/s. AIGP Developers (Pune) Private Limited.**

PP submitted their application for Expansion of Environmental clearance fortotal plot area of 66883.5 Sq. Mtrs, BUA of348678.49Sq. Mtrs and FSI area of 172166.67Sq. Mtrs.PP proposes to construct 3 no. residential building and 1 no.Commercial building .

During discussion PP stated that they are going to reduce one parking floor that's why reducing in area from 433885.23 sq.m. to 348678.49 sq.m.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit details (Specific plan) of CER activities in consultation with the affected people in the project area as per MoEF& CC circular dated 1/05/2018.

2) PP to upload an undertaking for sustainable water supply.

3) PP to plant additional local species of trees.

FAC

FINAL RECOMMENDATION

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



SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for Construction of IT PARK

Is a Violati	on Case: No								
1.Name of P	roject	Proposed IT I	PARK						
2.Type of ins	titution	Private	Private						
3.Name of P	roject Proponent	M/s KRC Infr	M/s KRC Infrastructure & Projects Pvt. Ltd. On behalf of Gera Developments Pvt. Ltd.						
4.Name of Co	onsultant	M/s Enviro A	M/s Enviro Analysts & Engineers Pvt. Ltd.						
5.Type of pro	oject	IT park	IT park						
6.New project project/mode in existing p	ct/expansion in existin ernization/diversificat roject	ng ion New Project							
7.If expansion whether environment has been obt project	n/diversification, ironmental clearance ained for existing	Not applicabl	Not applicable						
8.Location of	f the project	S. No. 65/1, 6	5/2 & 65/3						
9.Taluka		Haveli							
10.Village		Kharadi							
Corresponde	nce Name:	Mr. Anil Matl	nur						
Room Numb	er:	KRC Infrastru	acture & Projects Pvt. Ltd.						
Floor:		Plot No. C-30	, Block G, Opp SIDBI						
Building Na	ne:	KRC Infrastru	icture & Projects Pvt. Ltd.						
Road/Street	Name:	Bandra Kurla	Complex						
Locality:		Bandra East							
City:		Mumbai 400	051						
11.Area of th	e project	Pune Municir	al Corporation						
	FJ	DP LAYOUT a	approval from Pune Municipal Coro	poration					
12.IOD/IOA/	Concession/Plan	IOD/IOA/Con	ncession/Plan Approval Number	DPO/CC/1455/17					
Approval Nu	mber	Approved Bi	ult-un Area: 254256						
13 Note on t	he initiated work (If	rippioveu bi							
applicable)	ne mitiateu work (n	Total constru	ction work carried out as per the E	C is 94116.0 Sq.m					
14.LOI / NOO Other approv	C / IOD from MHADA/ vals (If applicable)	DP layout app	proval from Pune Municipal Corpora	ation					
15.Total Plot	t Area (sq. m.)	104400							
16.Deduction	ns	21377							
17.Net Plot a	area	83022							
		a) FSI area	a) FSI area (sq. m.): 254256						
18 (a).Propo Non-FSI)	sed Built-up Area (FS	I & b) Non FSI a	b) Non FSI area (sq. m.): 271415						
11011-1 51)		c) Total BUA	c) Total BUA area (sq. m.): 525671						
	5	Approved FS	SI area (sq. m.): 254256						
18 (b).Appro	ved Built up area as p	Approved No	on FSI area (sq. m.): 271415						
DCK		Date of App	roval: 08-09-2017						
19.Total gro	und coverage (m2)	27181							
20.Ground-c (Note: Perce to sky)	overage Percentage (9 ntage of plot not oper	%) n 26%							
21.Estimated	l cost of the project	1250000000)						
	22.Nu	mber of l	ouildings & its co	onfiguration					
Serial number	Building Name	Height of the building (Mtrs)							
1. JE				Name: Kart Ami) D					



	Signature: Ach
Page 21	Shri. Anil Kale (Chairman
of 137	SEAC-III)

1		G1	1 parking,	, 1 Podium & 10 Office Floors	51.70				
2		G2	2 parking,	, 1 Podium & 12 Office Floors	63.40				
3		R1	5 parking,	, 1 Podium & 12 Office Floors	73.30				
4		R2	5 parking,	, 1 Podium & 09 Office Floors	60.70				
5		R3	5 parking,	, 1 Podium & 12 Office Floors	73.30				
6		R4	2 parking,	, 1 Podium & 13 Office Floors	67.60				
23.Number tenants an	r of d shops	0							
24.Number expected r users	r of esidents /	48000							
25.Tenant per hectar	density e				°,				
26.Height building(s)	of the)								
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	30.0	30.0						
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	9.0							
29.Existing structure	J (s) if any	Labour hou	ses (Patra sheds) for nea	rby another project					
30.Details demolition disposal (I applicable	of the with f)	Relocation of Labor houses (Patra sheds)							
			31.Product	tion Details					
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not ap	plicable	Not applicable	Not applicable	Not applicable				
			D Total Water	Doguinomon	+				

32.Total Water Requirement

I



		Source of	water	Pune Municipal corporation and recycled water from STP							
		Fresh wate	er (CMD):	1319	1319						
		Recycled w Flushing (vater - CMD):	1741							
		Recycled w Gardening	vater - (CMD):	30							
			pool Cum):	0							
Dry season:		Total Wate Requireme :	er ent (CMD)	2549	2549						
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	1800							
		Fire fightin Overhead v tank(CMD)	ng - water):	0							
		Excess trea	ated water	0							
		Source of v	water	Pune Munic	cipal corpora	tion, recycle	d water fron	n STP and RV	NH		
		Fresh wate	er (CMD):	1079							
		Recycled w Flushing (vater - CMD):	1771							
		Recycled w Gardening	vater - (CMD):	0							
		Swimming make up (0	pool Cum):	0							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	2850							
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	1800							
		Fire fightin Overhead v tank(CMD)	ng - water):	0							
		Excess trea	Excess treated water 0								
Details of pool (If an	Swimming y)	Not Propose	ed								
		3	3.Detail	s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	CMD)		Loss (CMD))	Ef	fluent (CM	D)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	Level wate	l of the Ground r table:	18					
	Size tank Quan	and no of RWH (s) and itity:	55x6, 215x1					
	Loca [®] tank	tion of the RWH (s):	Parking level 1, Parking level 3, Ground level					
34.Rain Water	Quan pits:	ntity of recharge	2					
(RWH)	Size :	of recharge pits	900 mm x 900 mm					
	Budg (Cap	jetary allocation ital cost) :	1200000					
	Budg (0 &	jetary allocation M cost) :	160000	160000				
	Detai if any	ils of UGT tanks y :	Domestic UG tank :1920 cum Flushing UG tank:1200 cum Fire UG tank : 1800 cum					
	Natu drain	ral water lage pattern:	towards east of the plot	0				
35.Storm water drainage	Quan wate	ntity of storm r:	0.79 cum/sec	0				
	Size	of SWD:	0.75 m (b) x 0.75 m (d)					
	Sewa in KI	ge generation	1968					
	CTD /	ha ahm a la mu	MDDD					
	SIP	technology:	MBBR					
Sewage and	Capa (CMI	city of STP D):	6x 330					
Waste water	Loca the S	tion & area of STP:	Ground level					
	Budgetary allocation (Capital cost):		4800000					
	Budg (0 &	jetary allocation M cost):	6900000					
) 36.Soli	d waste Managen	nent				
	Wast	e generation:	Steel 440 ton, sand 9540 ton, aggregates 11300 ton					
Waste generation in the Pre Construction and Construction phase:	Disposal of the construction waste debris:		Steel cut pieces shall be used as spacers and chairs in the structure and wastage of steel (balance non usable steel of odd lengths) is sent for recycling, Wastage of sand will be used for bedding for flooring purpose. They shall also be used for backfilling and filler material for levelling of internal roads and pavements, aggregates Shall be used in road pavement and parking bay					
	Dry v	vaste:	8400					
	Wet	waste:	3600					
	Haza	rdous waste	0					
Wasta	Riore	adical wasta (If						
in the operation	appli	cable):	not Applicable					
Phase:	STP sludg	Sludge (Dry Je):	To be used as a manure					
	Othe	rs if any:	E waste Authorize vendor shall be appointed for the collection and for final disposal. Separate area has been provided (58.0 Sq.m) for the E waste storage.					
K.S.Langote (Secretary SEAC-III)		SEAC Meeting No	: 67 Meeting Date: August 22, 2018	Page 24 of 137	Shri. Anil Kale (Chairman SEAC-III)			

		Dry waste:		Handed over to authorize recycler for further handling and disposal.						
		Wet waste	•	Will be con-	Will be converted to compost using Mechanical composter					
		Hazardous	waste:	Shall be handover to authorized vendor						
Mode of	Disposal	Biomedica applicable	l waste (If):	Not Applicable						
Of waste: STP Sludge) Others		STP Sludg sludge):	STP Sludge (Dry sludge):		To be used as a manure					
		Others if a	ny:	Authorize v disposal. Se storage.	Authorize vendor shall be appointed for the collection and for final disposal. Separate area has been provided (58.0 Sq.m) for the E waste storage.					
Location(s):			Ground							
Area requirem	ent:	Area for th of waste & material:	e storage other	58				0		
		Area for m	achinery:	80						
Budgetary	allocation	Capital cos	st:	11500000						
O&M cost)	:	O & M cos	t:	4800000				4		
			37.E	fluent C	harecte	restics				
Serial Number	Paran	Parameters		Inlet E Charect	ffluent cerestics	Outlet Charect	Effluent terestics	Effluent discharge standards (MPCB)		
1	Not applicable		Not applicable	Not applicable		Not applicable		Not applicable		
Amount of effluent generation Not applica				ible	0					
Capacity of	the ETP:		Not applica	able						
Amount of treated effluent Not applica				able						
Amount of v	vater send to	o the CETP:	Not applica	able						
Membershi	p of CETP (if	f require):	Not applica	able						
Note on ET	P technology	to be used	Not applica	able						
Disposal of	the ETP sluc	lge	Not applica	able						
			38.Ha	azardous	Waste 1	Details				
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.S	t <mark>acks em</mark>	ission D	etails				
Serial Number	Section	& units	Fuel Us Qua	sed with ntity	Stack No	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Not app	plicable	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable		
			40.De	tails of F	uel to b	e used				
Serial Number	Тур	e of Fuel		Existing		Proposed		Total		
1	Not	applicable]	Not applicabl	e	Not applicabl	e	Not applicable		
41.Source of	of Fuel		Not a	applicable						

hote			Name: Kart Ani D
K.s. Langot			Signature: Jocula
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 25	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

42.Mode of Transportation of fuel to site Not applicable									
		Total RG a	rea :	8302					
43.Green Belt		No of trees	to be cut	0					
		Number of be planted	Number of trees to be planted :						
Develop	ment	List of prop native tree	posed s :	1040					
	Timeline completi plantatio		n of 7 years						
44.Number and list of trees species to be planted in the ground									
Serial Number	Name of the plant Commo		n Name	Quantity		Characteristics & ecological importance			
1	Achras	ssapota	Chi	koo	36	5	Evergreen		
2	Aegle m	narmelos	Bell	tree	55	5	Evergreen		
3	Albizia	lebbeck	Siran		70		Deciduous		
4	Albizia procera		White Siris		4(Deciduous		
5	Annona squamosa		Custar	d Apple	36	6	Evergreen		
6	Annona reticulata		Luv	runi	19)	Evergreen		
7	Azadirachta indica		Ne	em	72	2	Evergreen		
8	Bauhinia	Bauhinia racemosa		ota	10	2	Evergreen		
9	Cassia	fistula	Golden Shower		48	3	Deciduous		
10	Dalberg	ia sissoo	Sissoo		48	3	Evergreen		
11	Deloni	x regia	Flameboyant		45		Deciduous		
12	Saraca	a asoka	Ashok		42		Evergreen		
13	Syzygiui	m cumini	Jan	nan	19		Evergreen		
14	Emblica	officinalis	Emblica	officinalis	58		Deciduous		
15	Ficus gl	omerata	Um	bar	39)	Deciduous		
16	Ficus r	eligiosa 💦	Pij	pal	34	1	Evergreen		
17	Hibiscus ro	osa-sinensis	Jasw	vand	32	2	Evergreen		
18	Mangife	ra indica	ma	ngo	4()	Evergreen		
19	Nerium	indicum	kai	ner	30)	Evergreen		
20	Psidium	guayava	Am	rud	55	5	Evergreen		
21	Samane	a saman	Rain	tree	12	0	Evergreen		
45	.Total qua	ntity of plan	ts on grou	nd					
46.Nun	nber and	list of sl	nrubs an	d bushes	s species	to be pla	anted in the podium RG:		
Serial Number		Name		C/C Distance			Area m2		
1		-		-			-		
	47.Energy								



		Source of j supply :	power	MSEDCL					
		During Cor Phase: (De Load)	nstruction mand	500 kW					
		DG set as l back-up du constructio	DG set as Power back-up during construction phase		125 kVA				
	Power requirement:		eration mected	37201 kW					
Pov require			eration nand	28658 kW					
		Transform	er:	6 Sets x 4x1 TRANSFORM	500KV MERS	VA, 22KV/0.433 KV, DRY TYPE CAST RESIN			
		DG set as l back-up du operation	Power ıring phase:	6 Sets x (2 x 2000kVA + 2 x 1000kVA), 3 PHASE, 4 RADIATOR COOLED DG SETS		kVA + 2 x 1000kVA), 3 PHASE, 415V, 50 Hz, ED DG SETS			
				HSD					
		Details of I tension lin through th any:	high e passing le plot if	Not Applicable					
48.Energy saving by non-conventional method:									
Solar PV panels Solar Street Lighting LED Lighting									
49.Detail calculations & % of saving:									
Serial Number	E	Cnergy Cons	ervation M	easures		Saving %			
1		Solar S	Street Lights		4 kw				
2		Solar	PV panels	264 kW					
3			LED			546 KW			
		50	Details	of polluti	on c	control Systems			
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed			
Not applicable		Not	applicable			Not applicable			
Budgetary	allocation	Capital cos	st:	22500000					
(Capital O&M	cost and cost):	O & M cost	t:	600000					
51	.Envir	onment	al Mar	nageme	nt j	plan Budgetary Allocation			
		a) (Construc	ction phas	se (1	with Break-up):			
Serial Number	Attri	butes	Parai	neter		Total Cost per annum (Rs. In Lacs)			
1	Air Envi	ironment Water Sp Green Developme: storag		prinkling, n Belt nt, Covered e area	nkling, Belt 25 , Covered area				



2	Noise E	e Environment Site Baricades and Green Belt Developments				18					
3	Water E	nvironment	Modula Draina sedimenta	ar STP , ge with ition tan	ks	10					
4	Good Hea	alth Practice	es Site San Healtl	itation & 1 Care	z			12			
5	Envi Moi	ronment nitoring	Air, water monitorin construct	noise s, ng durin ion phas	oil g se			16			
			b) Operat	ion Pl	hase (wi	th Breal	k-up):			
Serial Number	Con	ponent	Descr	iption	Capi	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Rain Wat	er harvestin	g Tanks and	Rechar	ge	120			1.6		
2	waste m	nanagement	collection s storag treat	egregat je and nent`	ion	115			48		
3	Waste wa and i	ter treatme recycling	nt ST	ГР		480			69		
4	Land	lscaping		-		75			12		
5	Non Co Energ	onventional Jy System		-		225		6			
51.S	torag	e of ch	emicals	(infl sub	amabl stance	e/explo es)	osiv	/haz	zardou	s/toxic	
Description		Status	Locatio	Location		Maximum Quantity orage pacity MT MT MT MT MT		umption onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable		Not applicable	Not applicable	
		C	52.A	ny Ot	her Info	ormation	l				
No Informa	tion Availa	ble									
	<u> </u>		53.	Traffi	c Manag	gement					
Nos. of the junction to the main road & design of confluence:					t wide and1	8.0 mt wide	DP				



	Number and area of basement:	Not Applicable				
	Number and area of podia:	5 parking levels and 1 podium				
	Total Parking area:	162614				
	Area per car:	33				
	Area per car:	33				
Parking details:	Number of 2- Wheelers as approved by competent authority:	13615				
	Number of 4- Wheelers as approved by competent authority:	5673				
	Public Transport:					
	Width of all Internal roads (m):	13, 12				
	CRZ/ RRZ clearance obtain, if any:	Not Applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable				
	Category as per schedule of EIA Notification sheet	8 (b)				
	Court cases pending if any	Not Applicable				
	Other Relevant Informations	Our entire proposal comprising of total built-up area 5,25,670.80 Sq. m was appraised and recommended by SEAC-III. SEIAA appraised the recommended proposal, but issued EC dated 02-02-2017 restricting the construction for the built-up area of 1,75,491.53 Sq.m as had been approved by Pune Municipal Corporation at that time. The SEIAA instructed us to approach them directly for the enhanced area EC after obtaining Municipal approvals. We have obtained Municipal Approvals and as directed by SEIAA do hereby approach them for grant of EC for the entire project.				
S	Have you previously submitted Application online on MOEF Website.	Yes				
	Date of online submission	04-07-2017				
SEAC	SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS					
	Summorised in brief information of Project as below.					
Brief information of the project by SEAC						



-	
	SEAC Meeting No: 67 Meeting Date: August 22, 2018

	Name: Kare Amir D. Signature:
Page 29	Shri. Anil Kale (Chairman
of 137	SEAC-III)

Environment Clearance for Construction of IT PARK at S. No. 65/1, 65/2 & 65/3,Kharadi,Tal- Haveli,Pune, On behalf of Gera Developments Pvt.Ltd by M/s KRC Infrastructure & Projects Pvt. Ltd.

PP submitted their application for prior Environmental clearance for total plot area of 83022 Sq. Mtrs, BUA of 525671 Sq. Mtrs and FSI area of 254256 Sq. Mtrs. PP proposes to construct 6 no. IT park /building.

DECISION OF SEAC

PP remains absent, hence committee decided to defer the proposal and consider a fresh.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

tion as, SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

.s. Langots K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 67 Meeting Date: August 22, 2018

Name: Kare Ani) D Signature: Shri. Anil Kale (Chairman Page 30 SEAC-III) of 137

SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for Applicaion for proposed Residential and Commercial development project Anshul Kosmas at Survey no. 275 (P)at vill. Boradewadi, taluka-Haveli, Pune Maharashtra by M/S. Anshul Bhosale Realty

is a violation Case: No					
1.Name of Project	"ANSHUL KOSMAS" by M/S. Anshul Bhosale Realty				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Vikram Bajirao Bhosale, Partner				
4.Name of Consultant	Building Environment (India) pvt.Ltd.				
5.Type of project	Housing Project				
6.New project/expansion in existing project/modernization/diversification in existing project	New Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable				
8.Location of the project	Survey No. 275 (P), Village - Boradewadi Moshi, Taluka -Haveli, District - Pune, Maharashtra				
9.Taluka	Haveli				
10.Village	Boradewadi				
Correspondence Name:	Mr. Vikram Bajirao Bhosale, Partner				
Room Number:	4th floor				
Floor:	4th Floor				
Building Name:	karan-Tej Bonita				
Road/Street Name:	Ghole Road,				
Locality:	Shivajinagar,				
City:	Pune				
11.Area of the project Pimpri - Chinchwad Municipal Corporation , Mumbai - Pune Road, Pimpri, Pune-411018, Maharashtra, India					
12 102 /04 /0	• PCMC IOD sanction obtained vide No. B.P./EC /Moshi-Boradewadi/04/2016 on Date 18.06.2016 for 71342.31 m2. Construction area.				
Approval Number	IOD/IOA/Concession/Plan Approval Number: B.P./EC /Moshi-Boradewadi/04/2016 on Date 18.06.2016				
	Approved Built-up Area: 71342.31				
13.Note on the initiated work (If applicable)	1.• PCMC sanction obtained vide No. B.P. /Layout/Moshi. Boradewadi/37/2013 on Date 02.09.2013 for 18525.74 m2 built up area. 2.• Further sanction obtained Via PCMC No. B.P. /Layout/Moshi. Boradewadi/23/2014 on Date 22.04.2014 for total cumulative area is for 14624.65 m2,3.• Total Construction done on site Area : 15868.69 m2				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	No such scheme involved				
15.Total Plot Area (sq. m.)	27407.35 m2				
16.Deductions	1. Area under 24 M & 18 M wide D.P. Road-7144.84 m2 2. Required Open Space @ 10 % - 2026.27m2				
17.Net Plot area	18236.24m2				
	a) FSI area (sq. m.): 32559.93 m2				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 38782.38 m2				
,	c) Total BUA area (sq. m.): 71342.31				
	Approved FSI area (sq. m.): 32559.63				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 38782.38				
	Date of Approval: 22-04-2014				
19.Total ground coverage (m2)	3700.68 m2				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.29%				

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 31 of 137	Name: Kare Api D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
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21.Estimated cost of the project 1146800000.00								
	2	2.Numbe	r of buildin	gs & its con	figuration			
Serial number	Buildin	ig Name & nun	iber Ni	umber of floors	Height of the building (Mtrs)			
1		А]	3+P/SHOP+12	38.85			
2		В]	3+P/SHOP+12	38.85			
3		С]	3+P/SHOP+12	37.2			
4		D		B+P+12	37.2			
5		Е		P/SHOP+12	38.85			
6		F		P/SHOP+12	38.85			
7		G		P+12	37.2			
8		Н		P+12	37.2			
9		Commercial		G	4.65			
10		Club House		G+ 1	7.45 m			
23.Number tenants an	r of d shops	Tenements- 604 Shops- 34Nos	1 Nos.		0			
24.Number of expected residents / users		Residential Users: Fixed - Residential: 3020 Nos. Commercial users: Floating -Commercial: 292 Nos. Total : 3312 Nos.						
25.Tenant per hectar	density e	237/Hector						
26.Height building(s)	of the							
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	The road width varies from 9 m to 20 m from the nearest fire station & at a distance of 7.7 km						
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9.0 m						
29.Existing structure	J (s) if any	There were no	structure on site at t	he time of land purch	ase			
30.Details demolition disposal (I applicable	of the with f	No demolition i	nvolved					
			31.Produc	tion Details				
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M) Total (MT/M)			
1	Not ap	plicable	Not applicable	Not applicable	Not applicable			
32.Total Water Requirement								



	Source of water				Pimpri Chinchawad Municipal Corporation						
		Fresh wate	er (CMD):	283							
		Recycled w Flushing (vater - CMD):	142							
		Recycled w Gardening	vater - (CMD):	17							
		Swimming make up (0	pool Cum):	Not Applica	ıble						
Dry season:		Total Wate Requireme :	er ent (CMD)	283							
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	20							
		Fire fightin Overhead v tank(CMD)	ng - water):	20							
Excess treated water			ated water	223							
		Source of v	water	Pimpri Chir	nchawad Mu	nicipal Corpo	oration				
		Fresh wate	er (CMD):	283							
		Recycled w Flushing (vater - CMD):	142	.42						
		Recycled w Gardening	vater - (CMD):	Not Applicable							
		Swimming make up ((pool Cum):	Not Applicable							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	283							
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	20							
		Fire fighting - Overhead water tank(CMD):									
		Excess trea	ated water	240							
Details of pool (If an	Swimming y)	Not Applica	ble								
33.Detail			s of Tota	l water o	onsume	d					
Particula rs	Cons	sumption (C	EMD)		Loss (CMD))	Ef	fluent (CM	D)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	Level of the Ground water table:	10 m				
	Size and no of RWH tank(s) and Quantity:	Not applicable				
	Location of the RWH tank(s):	Not applicable				
	Quantity of recharge pits:	6				
34.Rain Water	Size of recharge pits :	2 m x2 m x 3 m				
(RWH)	Budgetary allocation (Capital cost) :	12.63 lacs				
	Budgetary allocation (O & M cost) :	0.63 lacs/ annum				
	Details of UGT tanks if any :	Bldg. A,B,C,D + Club House -Domestic UG tank + Flushing +Gardening UG tank Capacity : 394 KLD Fire UG tank Capacity: 20 KLD Location of the UG Tank - Near Bldg. C Bldg. E,F,G,H Domestic UG tank + Flushing +Gardening UG tank Capacity : 322 KLD Fire UG tank Capacity: 20 KLD Location of the UG Tank - Near Bldg. H				
	Natural water drainage pattern:	From South to North				
35.Storm water drainage	Quantity of storm water:	2.6 Cum/min				
	Size of SWD:	600 mm				
	Sewage generation in KLD:	425				
	STP technology:	MBBR				
Sewage and	Capacity of STP (CMD):	One and 425 KLD				
Waste water	Location & area of the STP:	Near Open Space				
	Budgetary allocation (Capital cost):	77.50 lacs				
	Budgetary allocation (O & M cost):	10.75 lacs per annum				
5	36.Soli	d waste Management				
Waste generation in the Pre Construction	Waste generation:	Concrete waste:67 Cum,Reinforcement Steel Scrap:75MT,Brick debris:130.5 Cum,Cement bag:250000bag,Tiles waste:2000Sqm,Glass Waste:21 sq.m ,Paint cans :5000 drums				
and Construction phase:	Disposal of the construction waste debris:	Keep seperate for Reuse				
	Dry waste:	648 kg/day				
	Wet waste:	935 kg/day				
Waste generation	Hazardous waste:	Negligible				
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	35.68 Kg/day				
SEAC-111)	Others if any:	Not Applicable				

		Dry waste:		Handed ove	Handed over to authorized recyclers					
		Wet waste	•	Treated in Smart Drum Composting System						
		Hazardous waste:		Not Applicable						
Mode of Disposal of waste:		Biomedica applicable	l waste (If):	Not Applica	able					
		STP Sludg sludge):	e (Dry	Dried sludg	je from S	STP 1	will be used a	as manure.		
		Others if a	ny:	Not Applica	able					
		Location(s):	Near buildi	ng H					
Area requirement:		Area for the storage of waste & other material:		51 sq.m.						
		Area for m	achinery:	12 X 2 Sq.n	n.					
Budgetary	allocation	Capital cos	st:	25.75 lacs						
(Capital co O&M cost)	st and	O & M cos	t:	5.79 lacs /a	nnum					
		-	37.E	f fluent C	harec	tere	estics			
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestics	S	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicable	Not ap	plicable		Not applicable		Not applicable	
Amount of effluent generation (CMD):			Not applicable							
Capacity of the ETP:		Not applicable								
Amount of treated effluent N			Not applicable							
Amount of v	water send to	o the CETP:	Not applicable							
Membershi	p of CETP (if	f require):	Not applicable							
Note on ET	P technology	v to be used	Not applicable							
Disposal of	the ETP sluc	lge	Not applic	Not applicable						
			38.H	azardous	Wast	e D	etails			
Serial Number	Descr	iption	Cat	UOM	Existi	i ng	Proposed	Total	Method of Disposal	
1	Not app	plicable	Not applicable	Not applicable	Not applica	t able	Not applicable	Not applicable	Not applicable	
			39.S	tacks em	ission	ı De	etails			
Serial Number	Section	& units	Fuel U Qua	sed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not applicable Not ap		plicable	Not applica	t able	Not applicable	Not applicable	Not applicable		
			40.De	tails of F	^r uel to	o be	e used			
Serial Number	Тур	e of Fuel		Existing		Proposed			Total	
1	Not	applicable		Not applicabl	e	N	lot applicable	е	Not applicable	
41.Source of	of Fuel		Not	applicable						
42.Mode of	Transportat	ion of fuel to	site Not	applicable						

Anote			Name: Kare Amin D
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K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 35	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

		Total RG area :			3070.18 m2				
43.Green Belt Development		No of trees to be cut :		Not Applica	Not Applicable				
		Number of trees to be planted :		202 nos.					
		List of proposed native trees :		Sr. No. Bot Ecological I Ornamenta hills, lands tree, mediu Indian Almo roadside, di Champa, W	Sr. No. Botanical name Common Name Nos. Characteristics & Ecological Importance 1 Lagersrtromia Speciosa Lagersrtromia Pink 29 Ornamental & roadside, prevents soil erosion, reforestation of degraded hills, lands 2 Bauhinea Purpurea Kanchan 48 Ornamental value, avenue tree, medium shady tree, fast growing, deep root 3 Terminalia cattapa Indian Almond tree 87 Prevents soil erosion, shade & ornamental, roadside, drought tolerant, fast growth about 1m/year 4 Plumeria Alba Champa, White 5 Attractive				
		Timeline for completion of plantation :		Six Months	Six Months				
44.Number and list of trees species to be planted in the ground							d in the ground		
Serial Number	Name of	the plant	Commo	on Name	Quar	ntity	Characteristics & ecological importance		
1	Lagersrtromia Speciosa		Lagersrt	Lagersrtromia Pink		9	Ornamental & roadside, prevents soil erosion, reforestation of degraded hills, lands		
2	Bauhinea Purpurea		Kan	Kanchan		8	Ornamental value, avenue tree, medium shady tree, fast growing, deep root		
3	Terminalia cattapa		Indian Almond tree		8	7	Prevents soil erosion, shade & ornamental, roadside, drought tolerant, fast growth about 1m/year		
4	Plumer	ria Alba	Champ	Champa, White		5	Attractive to bees, butterflies & birds, very ornamental		
5	Cassia	Fistula	Golden sl	hower tree 9)	Extremely showy		
6	Michelia (Champaka	Soan	chafa	4	Ł	ornamental, near temples, roadside, soil improver		
7	Azadiracl	hta indica 🦷	Ne	em	1	5	Roadside, Medicinal		
8	Syzygiur	n cumini	Jai	nun	5	5	Roadside		
45	5.Total qua	ntity of plan	its on grou	nd					
46.Nun	ıber and	list of sl	nrubs an	d bushes	s species	to be pla	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1	Not	Applicable		Not Applic	able		Not Applicable		
47.Energy									


supply:						
During Construction Phase: (Demand Load)150 kW) kW					
DG set as Powerback-up during160 kVAconstruction phase						
During Operation phase (Connected load): 2949 kVA						
Fower requirement:During Operation phase (Demand load):2564 kVA						
Transformer: 5 no 630 kVA						
DG set as Power back-up during operation phase:250 kVA x 1 no. and 380 kVA x 1 no.						
Fuel used: LSD						
Details of high tension line passing through the plot if any:						
48.Energy saving by non-conventional m	ethod:					
Solar water heating • Area/street/landscape lighting(part) using LED lamps • Constant monitoring of energy consumption, Energy monitoring will be done with th	ne help of Energy meters					
49.Detail calculations & % of saving	q:					
Serial Number Energy Conservation Measures	Saving %					
1 Using Solar hot water and Gyser	22.1%					
2 Using LED Light Fixture Saving	0.8 %					
3 Total	22.9%					
50.Details of pollution control System	ms					
Source Existing pollution control system Prop	posed to be installed					
Not applicable	Not applicable					
Budgetary allocation Capital cost: 134.91 lacs						
O&M cost:O & M cost:3.35 lacs/annum						
51.Environmental Management plan Budg	etary Allocation					
a) Construction phase (with Break-u	p):					
Serial NumberAttributesParameterTotal Cost p	er annum (Rs. In Lacs)					
1 Construction Phase Personnel Protective Equipment	5					
2 Construction Phase Site Sanitation Facility	5					
3 Construction Phase Drinking water sprinkling	10					

1 ste			Name: Kare Amil D
K.s. Langets			Signature:
			July 1
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 37	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)
SLAU-III)	2010	0/15/	SLAU-III)

4	Constrcu	uction Phase	Solid manag	waste Jement		12						
5	Constrcu	action Phase	'hase Safety railing, platform, ladder, hoist, cranes etc			10						
6	Constrcu	uction Phase	House	keeping					2			
7	Constrcu	uction Phase	Health	Check					5			
8	Constrcu	uction Phase	Enviror Monit	nmental toring					10			
9	Constrcu	uction Phase	То	tal					59			
		b) Operat	ion Pl	has	e (wi	th Breal	k-up):			
Serial Number	Com	ponent	Descr	iption		Capi	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Sewage F	Treatment Plant	01	ne			77.50			10.75	5	
2	Rain Wate	er Harvesting	Recharge recharge	Recharge pit with recharge bore			12.63			0.63		
3	Solie Mana	d Waste agement	organio conv	organic waste convertor			25.75	C	5.79			
4	Gard Land	lening & lscaping	Plantation of trees			28.40			6.52			
5	Electrica	al Measures	-			134.91				3.35		
6	Envi: Mor	ronment nitoring		-		17.5			2.00			
7	1	Гotal		-		296.69				29.04	1	
51.S	torag	e of che	micals	(infl sub	an sta	nabl ance	e/explo es)	osiv	/haz	zardou	s/toxic	
Descri	ption	Status	Locatio	Location Stu Caj		orage pacity MT MT Maximum Quantity of Storage at any point of time in MT		Cons / Mo	umption onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applicable app		l app	Not licable	Not applicable	Not a	pplicable	Not applicable	Not applicable	
			52.A	ny Ot	her	Info	rmation	1				
No Informa	No Information Available											
	5		53.	Traffi	c M	Iana	gement					
Nos. of the junction to the main road & design of confluence: Not Applic					plica	lble						



	Number and area of basement:	4592.48 m2 (1 no.)					
	Number and area of podia:	4657 m2					
	Total Parking area:	10397.48 m2					
	Area per car:	Basement-35.33 m2, Stilt - 30.84 m2 & Open-26.09 m2					
Parking details:	Area per car:	Basement-35.33 m2, Stilt - 30.84 m2 & Open-26.09 m2					
	Number of 2- Wheelers as approved by competent authority:	1273					
	Number of 4- Wheelers as approved by competent authority:	324					
	Public Transport:	Not Applicable					
	Width of all Internal roads (m):	9.00 & 6.00M.					
	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 8 (a) B2					
	Court cases pending if any	Not Applicable					
	Other Relevant Informations	The Proposed proposal Considered in 53rd meeting of SEAC-III held from 6th to 9th September 2016					
	Have you previously submitted Application online on MOEF Website.	Yes					
	Date of online submission	11-02-2016					
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS					
5	Summorised in brief information of Project as below.						
Brief information of the project by SEAC							



Environment Clearance for Applicaion for proposed Residential and Commercial developement project Anshul Kosmas at Survey no. 275 (P)at vill. Boradewadi, taluka-Haveli, Pune Maharashtra by M/S. Anshul Bhosale Realty.

PP submitted their application for prior Environmental clearance for total plot area of 27407.35 Sq. Mtrs, BUA of 71342.31 Sq. Mtrs and FSI area of 32559.93 Sq. Mtrs. PP proposes to construct 8 no. residential & commercial building + 1 club house.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF& CC circular dated 1/05/2018.

2) PP to submit water supply NOC.

3) PP to submit energy saving calculations along with terrace area calculations.

4) PP to submit disaster management plan with cost, lightning arrester& list of hospitals.

FINAL RECOMMENDATION

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

K.S.Langote (Secretary SEAC-III)

SEAC Meeting No: 67 Meeting Date: August 22, 2018

Page 40 of 137 Name: Kart Ami D Signature: Signature: Ami D Signature: Signat

Agenda for 67 th Meeting of SEAC-3 (Day-4)

SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for	Residential Development with convenient shopping						
Is a Violation Case: No							
1.Name of Project	Godrej Infinity (Phase I), Godrej Active (Phase II) , Phase III and Phase IV						
2.Type of institution	Private						
3.Name of Project Proponent	M/s PINNI CO-OPERATIVE HOUSING SOCIETY& SHARAD CO-OPERATIVE HOUSING SOCIETY DEVELOPER- OXFORD REALTY LLP						
4.Name of Consultant	Ultratech						
5.Type of project	Housing project						
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environment Clearance has been obtained for existing project vide letter No. SEAC- III-2015/CR-17/TC-2 dated 04-06-2016 for Plot area of 1,73,800 m2 and built-up area of 3,89,865.74 m2						
8.Location of the project	Sr. no. 9 to 14 Hissa no.1/71 Keshavnagar Mundhawa						
9.Taluka	Haveli						
10.Village	Keshavnagar Mundhawa						
Correspondence Name:	Mr.Amandeep Singh						
Room Number:	Godrej Eternia "C"						
Floor:	10th Floor						
Building Name:							
Road/Street Name:	Old Mumbai Pune Road						
Locality:	Wakdewadi ,Shivaji Nagar						
City:	Pune						
11.Area of the project	Pune Municipal Corporation						
10.100.001/0	Sanctioned layout bearing no. BHA/816/16-17/Mouze Mundhawa/s.no.9 to 14 hissa no. 1 to 11 $\&$ other dated 04/10/2017.						
Approval Number	IOD/IOA/Concession/Plan Approval Number: no. BHA/816/16-17/Mouze Mundhawa/s.no.9 to 14 hissa no. 1 to 11 & other dated 04/10/2017.						
	Approved Built-up Area: 326636.30						
13.Note on the initiated work (If applicable)	We have initiated the work on site as per the Environment Clearance received vide letter No. SEAC-III-2015/CR-17/TC-2 dated 04-06-2016 for Plot area of 1,73,800m2and built-up area of 3,89, 865.74 m2						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Sanctioned layout bearing no. BHA/816/16-17/Mouze Mundhawa/s.no.9 to 14 hissa no. 1 to 11 & other dated 04/10/2017.						
15.Total Plot Area (sq. m.)	173800.00 Sq. m						
16.Deductions	3666.45 Sq. m						
17.Net Plot area	130151.66 Sq. m						
10 (a) Brenne I Breth an Array (ECL S	a) FSI area (sq. m.): 250004.29 Sq. m						
Non-FSI)	b) Non FSI area (sq. m.): 192616.49 Sq. m						
	c) Total BUA area (sq. m.): 442620.78						
19 (b) Approved Puilt up area as per	Approved FSI area (sq. m.): 167121.0 Sq. m						
DCR	Approved Non FSI area (sq. m.): 159515.3 Sq. m						
	Date of Approval: 04-10-2017						
19.Total ground coverage (m2)	44235.0 Sq. m						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	34%						
21.Estimated cost of the project	1709000000						

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 41 of 137	Name: Kare Ani) D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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22.Number of buildings & its configuration								
Serial number	Buildin	ng Name & number	Number of floors	Height of the building (Mtrs)				
1	T1		P1+P2+28	91.3				
2		T2	P1+P2+22	74.5				
3		Т3	P1+P2+22	74.5				
4		T4	P1+P2+P3+22	78.1				
5		Т5	P1+P2+P3+22	74.5				
6		T6A	P1+P2+17	59.5				
7		T6B	P1+P2+17+Shops	59.5				
8		Τ7	P1+25+Shops	80.1				
9		Т8	P1+P2+P3+P4+27	90.8				
10		Т9	P1+P2+P3+P4+27	93.75				
11		T10	P1+P2+P3+P4+25	88.1				
12		T11	P1+P2+P3+P4+23	88.1				
13		T12	P1+P2+P3+P4+27	96.9				
14		T13	P1+P2+P3+27	93.4				
15		T14	P1+P2+P3+27	93.4				
16		T15	P1+P2+P3+P4+27	93.4				
17	T16		P1+P2+P3+P4+24	87.9				
18		T17	P1+P2+1	11.9				
23.Number tenants an	r of d shops	No.of tenaments:3158 No. of shops:38						
24.Number expected r users	r of esidents /	Residents: 15790 Comm	ercial: 700					
25.Tenant per hectar	density e	220						
26.Height building(s	of the)							
27.Right o (Width of f from the n station to proposed l	f way the road earest fire the puilding(s)	Nearest Fire Station: Ye	rwada Fire Brigade Station Road wid	th : 12 m.				
28.Turning radius for easy access of fire tender movement from all 9m around the building excluding the width for the plantation								
29.Existing	g (s) if any	Building T1 (2P+28), T2 club house (G)	(2P+22), T3 (2P+22), T4 (3P+22), 7	T5 (3P+22), T6A & B (2P+17) and				
30.Details demolition disposal (I applicable	of the with f)	Not Applicable						
		31.P	roduction Details					

frote			Name: Kare Amir D
K.s. Langet			Signature: Ach-
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 42	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Te	otal (MT/M)			
1	Not app	plicable	Not apj	licable Not applicable Not applicable							
		3	2.Tota	l Water	r Requir	emen	t				
		Source of w	ater	Pune Munic	ipal Corporatio	on					
		Fresh wate	r (CMD):	1388							
		Recycled wa Flushing (C	ater - EMD):	717							
		Recycled wa Gardening	ater - (CMD):	122							
		Swimming make up (C	pool um):	32							
Dry season:		Total Water Requirements	nt (CMD)	2259				2			
		Fire fightin Undergroun tank(CMD)	g - nd water :	900			0				
		Fire fightin Overhead w tank(CMD)	g - ater :	25 KLD per	Tower	6					
		Excess trea	ted water	963							
		Source of w	ater	Pune Municipal Corporation							
		Fresh wate	r (CMD):	1388							
		Recycled wa Flushing (C	ater - EMD):	717							
		Recycled wa Gardening	ater - (CMD):	00							
		Swimming make up (C	pool um):	32							
Wet seaso	1:	Total Water Requirements	r nt (CMD)	2137							
		Fire fightin Undergroun tank(CMD)	g - nd water	900							
		Fire fightin Overhead w tank(CMD)	g - vater :	25 KLD per	Tower						
		Excess trea	ted water	1085							
Details of s pool (If an	Swimming y)	Phase I: 243 Phase II: 233 Phase III: 27	.88 sqm .00 sqm 7.20 sqm								
		3	3.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	sumption (C	MD)	I	Loss (CMD)		Eff	luent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		



Fresh water requireme	1199	189	1388	180	29	209	1019	160	1179				
nt	602	115	717	0	0	0	602	115	717				
Donnestic	1002	115	/1/	100	0	0	002	115	/1/				
Gardening	102	20	122	102	20	122	0	0	0				
		Level of the water table:	Ground	Summer Sea 18.00 BGL	ason – 28.75 m Winter Season	. to 36.88 - 18.63 m	m. BGL. Rair . to 27.44 m.	y Season – 8.5 BGL.	50 m. to				
		Size and no o tank(s) and Quantity:	of RWH	Not Applical	ble								
		Location of t tank(s):	he RWH	Not Applical	ble								
34.Rain V	Water	Quantity of r	echarge	No of Recha	rge pit with bo	ore well: 2	1 nos.						
Harvestin (RWH)	ng	Size of recha	rge pits	Size of the F	Recharge bore	well: 3m x	: 3m x 3m						
		Budgetary al (Capital cost	location) :	Rs. 87.5 Lak	ths	•	\mathbf{O}						
		Budgetary al (O & M cost)	location :	Rs.5 Lakhs/a	annum	0	9						
		Details of UC if any :	GT tanks	Domestic U(Flushing Tar Fire UG Tan	G Tank Capaci nk Capacity(C lk Capacity (Cl	ty(CUM):1 UM):750 UM):900	370						
		Natural wate drainage pat	er tern:	South East to North West									
35.Storm	water	Quantity of s water:	torm	1771 Cum/Day									
uranaye		Size of SWD:		External SWD: River Internal SWD: 1)600(W) mm x 900 (D)mm 2)600(W) mm x 800 (D)mm 3)700 (W) mmx900 (D) mm 4)700 (W) mmx900 (D) mm									
		Sewage gene in KLD:	ration	1897									
		STP technolo	ogy:	MBBR									
Sources	and	Capacity of S (CMD):	TP	STP 1 : 480 KLD, STP 2 : 415 KLD, STP 3 : 580 KLD, STP 4 : 580 KLD									
Waste w	allu vater	Location & a the STP:	rea of	STP 1: At Ph Phase-IV	nase-I STP 2: A	t Phase-II	STP 3: At Ph	ase-III STP 4:	At				
	5	Budgetary al (Capital cost	location):	Rs. 300 Lak	akhs								
		Budgetary al (O & M cost)	location :	Rs. 40 Lakh	S								
		36	6.Soli	d waste	Manag	emen	t						
Waste gen	eration in	Waste genera	ation:	63 Kg/day									
the Pre Co and Constr phase:	nstruction ruction	ion Disposal of the construction waste debris: This material will be used for back filling and leveling of the plot remaining will be disposed to authorized sites.											
		Dry waste:		2450 Kg/day	7								
		Wet waste:		3618 Kg/day	7								
Mosto	norotice	Hazardous w	aste:	Negligible									
in the op	eration	Biomedical v applicable):	vaste (If	Not Any									
1 11050.		STP Sludge (sludge):	Dry	134 Kg/day									

Dry waste:				Will be handed over to authorised vendor SWACH.						
		Wet waste	:	Floor to floor collection and segregation of dry and wet waste and collected separately. Wet waste will be treated in an organic waste converter (OWC).						
Mode of Disposal Hazardou			waste:	vaste: Will be handed over to authorized vendor						
of waste:	-	Biomedica applicable	l waste (If):	Not Any						
		STP Sludg sludge):	e (Dry	Will be used	d as ma	inure	for landscap	ing af	ter tre	atment in OWC.
		Others if a	ny:	Not Any						
		Location(s):	OWC near t	he entr	rance				
Area requirem	ent:	Area for th of waste & material:	e storage other	700 sqm	700 sqm					0
		Area for m	achinery:	300 sqm						
Budgetary	allocation	Capital cos	st:	Rs.50 Lakhs	S					
O&M cost)	:	O & M cos	t:	Rs.10 Lakhs	S					
			37.Ef	fluent Cl	harec	ter	estics			
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent	t c s	Outlet I Charect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable	Not applicable			Not applicable			Not applicable
Amount of effluent generation (CMD): Not applicable										
Capacity of	the ETP:		Not applica	ble						
Amount of t recycled :	reated efflue	ent	Not applica	ble						
Amount of v	vater send to	o the CETP:	Not applica	ble						
Membershi	p of CETP (if	f require):	Not applica	ot applicable						
Note on ET	P technology	to be used	Not applicable							
Disposal of	the ETP sluc	lge	Not applica	ble						
			38.Ha	zardous	Was	te D	etails			
Serial Number	Descr	iption	Cat	UOM	Exist	ing	Proposed	То	tal	Method of Disposal
1	Not apj	plicable	Not applicable	Not applicable	No applic	ot able	Not applicable	N appli	ot cable	Not applicable
			39.S	acks em	issio	n De	etails			
Serial Number	Serial Section & units		Fuel Us Qua	ed with ntity	Stack	No.	Height from ground level (m)	Inte dian (n	rnal leter n)	Temp. of Exhaust Gases
1	1 625 KVAx 9 nos. Diese		Diesel '	70 lit/hr	9		Min 3 m above DG set	-	-	
			40.De	tails of F	^r uel t	o be	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed			Total
1		Diesel			70 litres/hr 70 litres/hr				70 litres/hr	

hote			Name: Kare Anii D
K.s. Langets			Signature: Hels
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 45	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

41.Source of	of Fuel		Auth	Authorized vendor				
42.Mode of Transportation of fuel to site				oad				
		Total RG a	rea :	18344.72				
		No of trees	to be cut	19				
43.Gree	n Belt	Number of be planted	trees to :	No of trees	to be transplanted: 42			
Develop	oment	List of prop native tree	posed s :	As mention	ed below			
		Timeline for completion of plantation :		Till the con	npletion of the project.			
	44.Nu	mber and	l list of t	trees spe	cies to be planted	l in the ground		
Serial Number	Name of	the plant	Commo	on Name	Quantity	Characteristics & ecological importance		
1	Aegele r	narmelos	В	ael	Small deciduous tree with edible fruits that attracts birds	30		
2	Albizia lebbeck		Sh	irish	Shade giving tree with a large canopy, Nitrogen Fixing tree.	50		
3	Angoeissus latifolia		Dha	awda	Medium sized deciduous tree with fruits that attract birds.	20		
4	Anthocephalus kadamba		kad	amba	Evergreen tree with large canopy and fragrant flowers.	50		
5	Azardirachta indica		Neem		Shady, Fast growing, large evergreen tree with white fragrant flowers	50		
6	Bauhinia	purpurea	Kan	chan	Small, deciduous tree with pink fragrant flowers, attracts butterflies	40		
7	Butea mo	onosperma	Flame of Forest		Large canopy tree with beautiful orange flowers and medicinal properties	40		
8	Cassia fistula Gol		Golden sl	hower tree	Medium, fast growing deciduous tree with yellow flowers, acts as butterfly host	50		
9	Cassia nodosa		Pink	Casia	Large canopy tree with showy, birds and butterflies attracting flowers	50		
10	Caryota urens F		Fishta	il Palm	Tall growing palm, attracts birds , good for roadside planting	30		
11	Cordia	gharaf	Gor	ndan	Small deciduous tree with edible fruits that attracts bird	30		

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12.5. Langots			Signatura
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K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 46	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)
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12	Crataeva religiosa	Varun	Medium canopy tree which comes along river	20
13	Dalbergia lanceolaria	Takoli	Small deciduous tree with edible fruits that attracts birds	30
14	Erythrina indica	Pangara	Large canopy tree with beautiful red flowers.	50
15	Ficus benghalensis	Wad	Large canopy tree, forms nesting habitat for birds	5
16	Ficus glomerata	Umber	Large canopy tree, forms food source and nesting habitat for birds.	30
17	Ficus microcarpa	Indian Laurel	Large evergreen tree forming nesting habitat for birds	30
18	Hardwickia binata	Anjan	Large deciduous tree that attracts birds	40
19	Largerstroemia flos reginae	Pride of India	Shady, medium sized tree with beautiful purple flowers. Also known as the State flower tree of Maharashtra.	40
20	Mesua ferrea	Nagkesar	Flowering, medicinal tree with birds and butterflies attracting flowers	40
21	Michelia champaca	Champak tree	Shady, medium sized evergreen tree with fragrant yellow flowers. Acts as a butterfly host.	50
22	Millingtonia hortensis	Indian cork tree	Shady, Large, evergreen tree with white fragrant flowers	50
23	Mimusops elengi	Bakul	Large evergreen tree with fragrant flowers, attracts bees, birds	50
24	Moringa oleifera	Drumstick Tree	Edible vegetable, Nitrogen Fixing tree.	30
25	Ougeinia oojeinensis	Sandan	Large deciduous tree with beautiful flowers that attracts birds	30
26	Plumeria alba	Frangipani White	Small, evergreen, ornamental tree with white frangrant flowers	50
27	Pongamia pinnata	Karanj	Large deciduous tree that attracts birds	40
28	Putranjiva roxburghii	Putranjiva tree	Shady, medium sized tree with drooping form.	40

K.s. Langets			Name: Kare Ami D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 47	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

29	Salix tetrasperma	Indian willow	Shady, medium sized tree. And good nesting habitat and food source for birds and good riparian tree	30
30	Saraca indica	Sita ashok tree	Shady, medium sized tree with red and yellow flowers	40
31	Sesbania grandiflora	Agati	Beautiful flowers, Nitrogen Fixing tree	30
32	Tamarindus indica	Tamrind	Long lived tropical evergreen tree with a spreading crown and evergreen foliage, with brown sticky fruit of sour taste	40
33	Terminalia bellirica	Beheda	Large deciduous tree, that attract birds	40
34	Terminalia catappa	Indian almond tree	Shady, medium sized tree. Forms its canopy like an umbrella. And good nesting habitat and food source for birds	50
35	Polyalthia longifolia	Ashok Tree	Evergreen tree with rounded canopy, draught tolerant, very graceful with its downward-sweeping branchlets and shining foliage.	5
36	Semecarpus anacardium	Biba	Moderate-sized medicinal deciduous tree, used as substitute for marking ink for clothes.	10
37	Tectona grandis	Teak	Tall deciduous tree, strong tree with massive crown, grows in all soil types	5
38	Cananga odorata	Chapha	Flowering, fragrant flowers and leaves, evergreen tree that attracts brids.	30
39	Cassia siamea	Kassod Tree	Shady, evergreen, attracting birds, good for screening, quick growing.	40
40	Bauhinia sulphurea	Bauhinia yellow	Auspicious, flowering, attracting bees and butterflies, quick growing, upright tree.	50
41	Bauhinia tomentosa	Bell bauhinia	Quick growing, abundantly flowering, attracting bees and butterflies, good for hedges.	55
42	FRUIT TREES			

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 48 of 137	Name: Kart Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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43	Annona squammosa	Custard Apple	Deciduous tree grows well in warm climatic conditions, can tolerate long periods of dry weather.	25
44	Artocarpus integrifolia	Jackfruit	Nesting habitat for birds. Dense foliage creates nice shade under it.	20
45	Artocarpus altilis	Breadfruit	Large tree, nesting habitat for birds and bears ample fruits during season.	30
46	Citrus medicalimonia	Lemon	Regular, juicy lemon, attracts beas and butterflies, thorny in nature.	10
47	Citrus reticulata	Orange	Plants require maximum sunlight to flower and fruit properly, thorny in nature.	10
48	Cocos nucifera	Coconut Tree	Known as Kalpataru - since every part of the tree is used, salt tolerant.	40
49	Emblica officinalis	Aawala	Small deciduous tree that bears medicinal fruits.	50
50	Ficus carica	Anjeer	Delicious variety. Attracts a lot of birds. Needs a sunny location and less water.	40
51	Mangifera indica	Royal Mango	Mangoes are the kings of the tropical fruit, evergreen with dense canopy. They are delicious, nutritious and wholesome.	45
52	Manilkara zapota	Chickoo	A real tasty variety of Sapota. The tree too is very ornamental and evergreen. One of the easiest to take care of. Plants are slow growing.	35
53	Psidium gujava kg guava	Guava Large Fruited	Owing to its hardy nature, guava is grown successfully in tropical region.	30
54	Punica granatum bhagwa	Pomegranate Bhagwa	Ornamental and healthy fruit, grows well in hot and dry conditions.	30
55	Syzygium cumini	Jamun	Large evergreen tree, nesting habitat for birds and bears ample fruits during season.	30

hote			Name: Kart Amir D
K.S. Langels			Signature: Sela
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 49	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

56	Tamarindus indica red	Tamarind Red	The deep red flesh makes it very attractive. Grafted plants ensure early fruiting.		40		
43	5.Total quantity of plant	s on ground					
46.Nun	nber and list of sh	rubs and bushes	s species	to be pla	anted in the podium RG:		
Serial Number	Name	C/C Dista	ance		Area m2		
1	Alpinia calcarata	0.45			253		
2	Alpinia purpurata	0.6			236.5		
3	Bauhinia acuminata	0.6			370.75		
4	Cordyline terminalis mahatma	0.45			207		
5	Crinum asiaticum	0.6			176.75		
6	Strelitzia reginae	0.6			158.5		
7	Canna x generalis linea yellow	ta 0.45		270.83			
8	Canna x generalis scarl	let 0.45			284.67		
9	Colocasia esculenta	0.45			235.33		
10	Cordyline compacta	0.45			202.83		
11	Ixora sunkit hybrid oran	nge 0.45			317.50		
12	Ixora sunkit hybrid yelle	ow 0.45		290.83			
13	Acorus calamus	0.3			206.625		
14	Alternanthera bettzickia green	ana 0.3			150.625		
15	Alternanthera versicolo	or 0.3			179.125		
16	Aptenia cordifolia	0.3			165.25		
17	Ophiopogon japonicus ky dwarf	voto 0.3			180.875		
18	Rhoeo spathacea compa	cta 0.3			118.75		
47.Energy							
SLIF							



		Source of power supply :	MSEDCL				
		During Construction Phase: (Demand Load)	h 100 KW				
		DG set as Power back-up during construction phase	100 KVA				
Dee		During Operation phase (Connected load):	70725 kVA				
require	ement:	During Operation phase (Demand load):	16741 kVA				
		Transformer:	PH-1 : 14 x	x 630kVA PH-2 : 11 x 630kVA PH-3 : 11 x 630kVA			
		DG set as Power back-up during operation phase:	PH-1: 1x62	25 + 2x700 kVA PH-2 : 3x625kVA PH-3 : 3x625kVA			
		Fuel used:	Diesel				
		Details of high tension line passing through the plot if any:	Not Applica	Not Applicable			
		48.Energy say	ing by no	on-conventional method:			
1.Green Are 2.Street Lig 3.Parking (1 4.Club Hou 5. Solar Wa	ea - Landscaj ht Light + Sock se ter Heater	pe xet) Building Façade, B	uilding Periphe	nery, Corridor & Staircase Lighting			
		49.Detai	l calculati	ions & % of saving:			
Serial Number	Е	nergy Conservation	leasures	Saving %			
1		Green Area - Lands	cape	34%			
2		Street Light		44%			
3	Parking (L Perip	.ight + Socket) Buildin ohery, Corridor & Stair	g Façade, Buil case Lighting	Façade, Building 53% se Lighting			
4		Club House		4%			
5		Solar Water Hea	ter	27%			
		50.Details	of pollut	tion control Systems			
Source	Ex	isting pollution cont	rol system	Proposed to be installed			
Not applicable	S.	Not applicable		Not applicable			
Budgetary	allocation	Capital cost:	Rs.347 Lak	xhs			
(Capital O&M	cost and cost):	O & M cost:	Rs.15 Lakhs	is/annum			
51	51.Environmental Management plan Budgetary Allocation						
		a) Constru	iction pha	ase (with Break-up):			
Serial Number	Attri	butes Par	ameter	Total Cost per annum (Rs. In Lacs)			

hote			Name: Kare Anii D
K.s. Langots			Signature: Ach
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 51	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

1				Water For Dust Suppression		1.80						
2			Air & Noise monitoring			0.72						
3				Tanker water for construction			2.40					
4				Water monitoring	g				0.60			
5				Gardening					11.32	2		
6				Disinfection- Pes Control	t				0.18			
7				First Aid Facilitie	es				0.18			
8				Health Check U)				2.40			
9				Creche for childre	en				3.00			
10				Labour camp maintenance					0.50	2		
11				Personal protectiv equipment	ve				0.18			
12				CFL lamps for lab hutments	or				1.92			
13				Testing Charges (Lifting machineric	s es)				0.6			
14	1	Total 25.8										
b) Operation Phase (with Break-up):												
Serial Number	Component Description			Capital cost Rs. In Lacs			Deperational and Maintenance cost (Rs. in Lacs/yr)					
1		STP			7	300.00			40.00			
2	F	RWH				87.5			5.00			
3	Envir mor	onmenta nitoring	al	MoEF approved laboratory		0			83.82			
4	Ei	nergy				347.0			15.0			
5	Gardenin Transp	ng (Inclu plantatio	ding n)	GY.		574.0				57.4		
6	Swimi	ming Po	ol	150.00		150.00	0 15.00)		
7	Soli mana	d waste agement	;	50.00		50.00	10.00)		
8	WI	TP cost				85.00				6.5		
9	5	Solar				600.0 80.0						
51.S	torag	e of (che	micals (infl	lam	nabl	e/expl	osive	/ha	zardou	s/toxic	
				sub	sta	nce	es)					
							Maximum Ouantity					
Descri	Description		s	Location	Storage Capacity in MT		of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Not app	licable	Not applical	ble	Not applicable	N appl	lot icable	Not applicable	Not applicable Not applicable		Not applicable		
				52.Any Ot	her	Info	ormation	1				
K.S.Langote (Secretary SEAC-III)				C Meeting No: 67 Me 2016	eting 8	Date:	August 22,	Page : of 1.	52 S 37 S	Name: K 97 Signature: hri. Anil Kal EAC-III)	e (Chairman	

No Information Available						
	53.	Traffic Management				
	Nos. of the junction to the main road & design of confluence:					
	Number and area of basement:	Not Any				
	Number and area of podia:	1 Podia/building;Area of the podium=41145.35				
	Total Parking area:	112222.37				
	Area per car:	35				
	Area per car:	35				
Parking details:	Number of 2- Wheelers as approved by competent authority:	4906				
	Number of 4- Wheelers as approved by competent authority:	1980				
	Public Transport:	Nearest Bus stop				
	Width of all Internal roads (m):	6m				
	CRZ/ RRZ clearance obtain, if any:	Not Applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable				
	Category as per schedule of EIA Notification sheet	B1				
	Court cases pending if any	Not Any				
	Other Relevant Informations	-				
S	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS				
	Summorised in	n brief information of Project as below.				
Brief information of the project by SEAC						



Environment Clearance for Residential Development with convenient shopping Godrej Infinity(Phase I),Godrej Active(Phase II),Phase III and Phase IV at 1/71, Keshavnagar Mundhawa,Tal- Haveli,Pune by M/s Pinni co-oprative housing society & Sharad co-oprative housing society - Oxford Realty LLP.

PP submitted their application for amendment in Environmental clearance for total plot area of 173800 Sq. Mtrs, BUA of 442620.78 Sq. Mtrs and FSI area of 250004.29 Sq. Mtrs. PP proposes to construct 18 no. building.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit master layout showing all environmental services.

2) PP to shift the location of UGT, and submit cross section through UGT with top of tank, and maintain some distance above the ground level.

3) 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.

4) For SWD discharge in addition to oil & grease chamber provide green buffer zone before SWD discharge subject to NOC from concern authority.

5) PP to submit all NOC,s i.e. Drainage, Water supply, CFO,E-waste.

6) PP to submit the Plan showing alignment of storm water drain, the depth along with chambers and final disposal point & section through the internal road. Showing place left for planting of trees. Sewage water drain internal road and space left between, building & internal Road.

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

8) PP to submit E-Waste NOC.

9) PP to submit NOC from respective authority for drainage connection.

10) PP to submit revised EMP

11) PP to submit tree authority NOC, also submit revised tree list.

12) PP to submit energy saving calculations along with terrace area calculations.

13) PP to submit debris management plan.considering excesses earth, top soil, along with NOC from concern owner.

14) PP to submit phase wise programme considering wind direction at site.

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 identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.

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

18) 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.

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

K.S. Langets			Name: Kore Amir D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 54	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Agenda for 67 th Meeting of SEAC-3 (Day-4)

SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for "Shiv Kailasa" Proposed group Housing & Commercial Scheme by OM Shivam Buildcon Pvt. Ltd. At Plot No. 242, 241, 238/2, 239, 237/1, 238/1, 247/1, Village -Sondapar, Tehsil- Hingna, District - Nagpur

Is a Violation Case: No	
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1.Name of Project	"Shiv Kailasa" Proposed group Housing & Commercial Scheme by OM Shivam Buildcon Pvt. Ltd.					
2.Type of institution	Private					
3.Name of Project Proponent	OM Shivam Buildcon Pvt. Ltd.					
4.Name of Consultant	Pollution & Ecology Control Services					
5.Type of project	Township 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. 242, 241, 238/2, 239, 237/1, 238/1, 247/1, Village -Sondapar, Tehsil- Hingna, District - Nagpur, Maharashtra					
9.Taluka	Hingna					
10.Village	Sondapar					
Correspondence Name:	Om Shivam Buildcon Pvt. Ltd.					
Room Number:	203/204					
Floor:	4th					
Building Name:	Gokul Keshav Apartment					
Road/Street Name:	Khamla Road					
Locality:	Deo Nagar					
City:	Nagpur					
11.Area of the project	Nagpur Metropolitan Region Development Authority (NMRDA)					
	EE(Metro)B.E-2/7116 Nagpur Dated 22/12/2016					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: EE(Metro)B.E-2/7116 Nagpur Dated 22/12/2016					
	Approved Built-up Area: 418883.40					
13.Note on the initiated work (If applicable)	Work of Clubhouse is initiated for purpose of marketing office.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable					
15.Total Plot Area (sq. m.)	1,21,680.00 Sq.m.					
16.Deductions	13,398.83 Sq.m.					
17.Net Plot area	1,08,281.17 Sq.m.					
	a) FSI area (sq. m.): 3,10,284.00 Sq.m.					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Permissible Balcony (15%) 46,542.60 Sq.m. + Permissible Terrace (20%) 62,056.80 Sq.m. =1,08,599.4 Sq.m.					
	c) Total BUA area (sq. m.): 418883.40					
	Approved FSI area (sq. m.): 3,10,284.00 Sq.m.					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 1,08,599.4 Sq.m					
	Date of Approval: 22-12-2016					
19.Total ground coverage (m2)	48000 Sq.m.					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	44.33 %					
21.Estimated cost of the project	80000000					

K.S. Langets			Name: Kare Amir D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 55	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

22.Number of buildings & its configuration										
Serial number	Buildin	g Name a	& number	Nu	mber of floors	Hei	ight of the building (Mtrs)			
1	Build	ding No 1	(2BHK)		B+S+16 FL 55.80 M.					
2	Build	ding No 3	(2BHK)		B+S+16 FL		55.80 M.			
3	Build	ding No 4	(3BHK)		B+S+16 FL		55.80 M.			
4	Build	ding No 5	(2BHK)		B+S+16 FL		55.80 M.			
5	Build	ding No 6	(2BHK)		B+S+16 FL		55.80 M.			
6	Build	ding No 7	(2BHK)		B+S+16 FL		55.80 M.			
7	Build	ding No 8	(3BHK)		B+S+16 FL		55.80 M.			
8	Build	ding No 9	(3BHK)		B+S+16 FL		55.80 M.			
9	Build	ing No 10	(2BHK)		B+S+16 FL		55.80 M.			
10	Build	ing No 11	(2BHK)		B+S+16 FL		55.80 M.			
11	Build	ing No 12	(2BHK)		B+S+16 FL		55.80 M.			
12	Build	ing No 13	(3BHK)		B+S+16 FL		55.80 M.			
13	Build	ing No 14	(3BHK)		B+S+16 FL		55.80 M.			
14	Build	ing No 17	(2BHK)		B+S+16 FL		55.80 M.			
15	Buildi	ng No 2 B	ungalow		B+G+4 FL		17.40 M.			
16	Building	No 15 CL	UB HOUSE		G+2 FL		10.05 M.			
17	Building	No 16 CO	MMERCIAL		B+S+7 FL		32.40 M.			
23.Number tenants an	r of d shops	No. of ter	nants 2689 and	commercial	users 2000 nos.					
24.Number expected r users	r of esidents /	No. of residents/users (Including Commercial & Visitors) : 17177								
25.Tenant per hectar	density e	221	21							
26.Height building(s)	of the)									
27.Right o (Width of the from	f way the road earest fire the ouilding(s)	15 m. roa	ad connected to	MIHAN fou	r lane road (30 m.))				
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	9 m. Turi	ning Radius.							
29.Existing structure (J (s) if any	Work of (Clubhouse is ini	itiated for pu	rpose of marketin	g office.				
30.Details demolition disposal (I applicable	Is of the on with (If le)									
	31.Production Details									
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT	/M)	Total (MT/M)			
K.S.Langota SEAC-III)	Cangot e (Secretary	SE	EAC Meeting No	: 67 Meeting 2018) Date: August 22,	Page 56 of 137	Name: Kare Ami D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)			

1	Not app	olicable	Not apj	blicable Not applicable Not applicable							
		3	2.Tota	l Water Requirement							
		Source of w	ater	NMRDA and Existing Well and Borewel							
		Fresh water	(CMD):	950							
		Recycled wa Flushing (C	ater - MD):	361							
		Recycled wa Gardening	ater - (CMD):	85							
		Swimming make up (C	pool um):	48							
Dry seasor	1:	Total Water Requirements	nt (CMD)	1444				0			
		Fire fightin Undergroun tank(CMD)	g - nd water	150 KL wate	er tank for eac	h building					
		Fire fightin Overhead w tank(CMD)	g - rater	15 KL water	tank for each	building					
		Excess trea	ted water	619							
		Source of w	ater	NMRDA and Existing Well and Borewel							
		Fresh water	c (CMD):	950							
		Recycled wa Flushing (C	ater - MD):	361							
		Recycled water - Gardening (CMD):		00							
		Swimming j make up (C	pool um):	48							
Wet seaso	n:	Total Water Requirement:	r nt (CMD)	1359	1359						
		Fire fightin Undergroun tank(CMD)	g - nd water	150 KL water tank for each building							
		Fire fightin Overhead w tank(CMD)	g - rater	15 KL water tank for each building							
		Excess trea	ted water	704							
Details of an pool (If an	Swimming y)	2 Swimming	pools are p	proposed area of each = 450 Sq.m. total 900 Sq.m.							
	5	33	3.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	umption (CI	AD)	1	Loss (CMD)		Eff	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	00	1444	1444	00	323	323	00	1121	1121		
Gardening	00	85	85	00	85	85	00	00	00		



Fresh water requireme nt	00	998	998	00	238	238	00	760	760			
		Level of the (water table:	Ground	4.5 - 6 m Depth of Ground water level								
		Size and no o tank(s) and Quantity:	of RWH	Not Provided								
		Location of the tank(s):	he RWH	Not Provide	d							
		Quantity of r pits:	echarge	20 Nos.								
24 Dain I	Noton	Size of recha :	rge pits	2 x 2 x 16 fe	et							
Harvestii (RWH)	ng	Budgetary al (Capital cost)	location) :	Rs. 500000/	-							
()		Budgetary al (O & M cost)	location :	Rs.40000/- H	Per Annum		0					
		Details of UG if any :	T tanks	20 nos Ground water tanks are provided for domestic use . 110 KL - 4 Nos. UG tanks 135 KL - 2 Nos. UG Tanks 85 KL - 3 Nos. UG Tanks 140 KL - 1 No. UG Tank 55 KL - 1 No. UG Tank Fire Tank 300 KL 1 Tank for Fire and 35 KL for Flushing 200 KL 1 Tank for Fire and 35 KL for Flushing								
							5					
		Natural wate drainage pat	r tern:	Storm water drainage will be designed according to contour of the site								
drainage	water	Quantity of s water:	torm	973.44 cum/day								
		Size of SWD:		300 to 1200 mm								
		Sewage gene in KLD:	ration	1121 KLD								
		STP technolo	ogy:	MBBR Technology								
Sewage	and	Capacity of S (CMD):	TP	3 Nos. 500 I	KLD each, Tota	l Capacity	7 1500 KLD.					
Waste w	vater	Location & an the STP:	rea of	With in the plot, 400 Sq. m. each STP , Total 1200 Sq. m. area.								
		Budgetary al (Capital cost	location):	Rs. 250/- La	CS							
		Budgetary al (O & M cost)	location :	Rs. 12 Lacs	per annum.							
		36	Soli	d waste	Manage	emen	t					



Waste generation in the Pre Construction		Waste generation:		Solid waste during the construction phase would comprise mainly of excavated soil/murrum, concrete debris with bits and pieces of steel, insulation material for air-conditioning and packaging material.						
and Constr phase:	ruction	Disposal o constructi debris:	f the on waste	The generation of wastes during construction phase shall be used in back filling and top soil used for horticulture with due care and precautions and after getting all the NOCs from concerned Authority.						
		Dry waste:		2306 kg/da	у					
		Wet waste		3460 kg/da	у					
Wasto go	noration	Hazardous	waste:	Not Applica	ble					
in the op Phase:	eration	Biomedica applicable	l waste (If):	Not Applica	ıble					
		STP Sludg sludge):	e (Dry	Yes						
		Others if a	ny:	Not Applica	ble					
		Dry waste:		Dry Waste and non-rec and dispose	(Non- biodeg cyclable wast e through Imj	radab e and prover	le) gar shall k nent S	bage: Segreg be handed ov cheme.	gated into recyclable ver to Grampachayat	
		Wet waste	:	3 nos. of or earmark ar	ganic waste (ea for Solid v	convei vaste (rters of disposa	f capacities 8 al.	300 Kg/day each at	
Mode of	Disposal	Hazardous	waste:	Not Applica	ble					
of waste:		Biomedica applicable	l waste (If):	Not Applica	ıble		5			
		STP Sludge (Dry sludge):		Dry Sludge will be used as manure in the site.						
		Others if a	ny:	Not Applicable						
		Location(s):	With in plot area						
Area A requirement: n		Area for the storage of waste & other material:		Bins will be provided for each building for dray and wet waste separate and earmark area for OWC is 100 sq.m. each						
		Area for m	achinery:	Not Applica	ble					
Budgetary	allocation	Capital cos	st:	Rs. 65 Lacs	for OWC sys	stem				
(Capital co O&M cost)	st and :	O & M cos	t:	Rs. 6.00 La	cs per annun	1.				
			37.Ef	fluent C	harectere	estic	s			
Serial				Inlet Effluent Outlet Effluent Effluent discharge						
Number	Paran	neters	Unit	Charect	erestics	Cl	narect	erestics	standards (MPCB)	
1	Not app	plicable	Not applicable	Not ap	plicable	Not applicable		olicable	Not applicable	
Amount of e (CMD):	effluent gene	eration	Not applica	cable						
Capacity of	the ETP:		Not applica	icable						
Amount of t recycled :	reated efflue	ent	Not applica	cable						
Amount of v	vater send to	o the CETP:	Not applica	cable						
Membership of CETP (if require): Not applica				able						
Note on ET	P technology	able								
Disposal of	the ETP slud	lge	Not applica	ble						
			38.Ha	zardous	Waste D	etai	ls			
Serial Number	Descr	iption	Cat	UOM	Existing	Prop	osed	Total	Method of Disposal	
K.S.	Langet-							Nam Sign	ne: Kart Ani D nature:	

	Signature: Ach-
Page 59 of 137	Shri. Anil Kale (Chairman SEAC-III)

1	Not ap	plicable	N appli	ot cable	Not applicable	Not le applicable		Not applicable	Not applicab	le Not applicable
			5.7	39.St	acks em	issio	n D	etails		
Serial Number	Section	& units	F	Fuel Used with Quantity		Stacl	« No.	Height from ground level (m)	Interna diamete (m)	l Temp. of Exhaust Gases
1	50 KVA DO	G set 9 Nos.		Die	esel	Q)	3 mtr	0.075	
2	25 KVA D0	G set 1 No.		Die	esel	1	L	3 mtr	0.075	
3	250 KVA D	G set 3 Nos.		Die	esel		3	6 mtr	0.10	
4	200 KVA D	G set 1 No.		Die	esel	1		6 mtr	0.10	
			4	0.De	tails of F	uel	to be	e used		
Serial Number	Тур	oe of Fuel			Existing			Proposed		Total
1		Diesel			00			1500 ltr		1500 ltr
41.Source of	of Fuel			Local	suppliers					
42.Mode of	Transportat	ion of fuel to	site	By Ro	oad.					
		-								
		Total RG a	rea :		12168 Sq. r	n.				
		No of trees	s to b	s to be cut None						
43.Gree	n Belt	Number of be planted	Number of trees to be planted :			396 Nos. of trees and 3980 Nos. of shrubs				
Develop	ment	List of proposed native trees :		I	Neem, Mango, Jamun, Siris, Shisam, Bargad, Peepal, Kawath, White Cedar, Karanji, Imli, Gulmohar, Jackfruit, Chiku, Ashok, Badam, Manila Tamrind, Royal Palm and Indian Tulip					
		Timeline f completion plantation	or n of :	r of Not Applicable						
	44.Nu	mber and	l list	t of t	rees spe	cies	to b	e plante	d in the	e ground
Serial Number	Name of	the plant		Common Name (Qua	ntity	Characteristics & ecological importance	
1	Azadirac	hta Indica		Ν	eem		45		Medicinal tree	
2	Magnife	era Indica		Mango		45		Fruit giving Large tree		
3	Eugenia	Jambolana		Jamun			15		Fruit giving, Medicinal tree	
4	Albizzia	alebbeck		Siris			17		Use to treat inflammation and poison.	
5	Dalberg	giasissoo		Sh	isam		17		Timber tree, Shade tree	
6	Ficusbenghalensis			Ba	nyan			6	Me	dicinal tree, Spiritual significance
7	Ficusreligiosa			Pe	epal			11	Me	dicinal tree, Spiritual significance
8	Limnonia	acidissima		Ka	wath		-	11	Frui	giving, Medicinal tree
9	Meliaa	zedarach		White	e Cedar			5	Med	icinal tree, Timber tree
10	Pongam	iapinnata		Ka	ranji		-	17		Medicinal tree
11	Tamarin	dus Indica		Ι	mli		í	11	Frui	giving, Medicinal tree
12	Deloni	ix Regia	Gulmohar				4	25		Deciduous, Large

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 60 of 137	Name: Kare Ami T Signature: Ami T Shri. Anil Kale (Chairman SEAC-III)
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13	Artocarpusheterophyllus Jack		kfruit		10	Good canopy, Fruit & flower, attracting		
14	Manilka	karazapota Ch		hiku		14	semi-deciduous, Medium, tall	
15	Sarca	Asoca As		shok	1	80	semi-deciduous, tall	
16	Terminal	la catappa	Ba	ıdam	:	28	Fruit giving, Medicinal tree	
17	Phytocelo	obiumdulci	Manila	Tamrind		6	Medicinal tree	
18	Roystor	nearegia	Roya	al Palm	:	22	Deciduous, Large	
19	Thespesia	a Populnea	India	n Tulip		11	Evergreen bushy tree	
4	5.Total qua	ntity of plants of	on grou	nd				
46.Nun	nber and	list of shru	bs an	d bushes	species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Distar	nce		Area m2	
1		NA		NA			NA	
				47.En	ergy			
		Source of pow supply :	er	Maharashtra	a State Elec	tricity Distril	oution Company Ltd. (MSEDCL)	
		During Construction Phase: (Demand Load)		100 KW				
		DG set as Power back-up during construction phase		Not Applicable				
Des		During Operation phase (Connected load):		36,067 KW				
requir	wer ement:	During Operation phase (Demand load):		18,033 KW				
		Transformer:	ansformer:		630 KVA X 32 Nos. and 315 KVA X 1 No.			
		DG set as Power back-up during operation phase:		50 KVA X 9No. , 25 KVA X 1No. , 250 KVA X 3 Nos., 200 KVA x 1 No.				
		Fuel used:		Diesel				
		Details of high tension line pa through the pi any:	nssing ot if	None				
48.Energy saving by non-conventional method:								
Energy Conservation Measures: ? Maximum use of daylight ? Use of energy efficient devices ? Optimum building orientation ? Solar water system for Hot water and solar lighting for common areas of buildings, street light & Club House will be provided for promoting use of renewable energy resources.								
		49. D	etail	calculatio	ons & %	of saving	y:	
Serial Number	Е	nergy Conserva	tion M	easures			Saving %	
1		Total Solar PV System					1092 KW	
2		Solar Stre	et Lights	6			17 KW	

Goto			Name: Kart Amir D
K.s. Langet			Signature: Ach-
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 61	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

3	En	ergy Efficier	it LED light ((Terrace)		3.5 KW		
4	Through So	ugh Solar Water Heating for 2689 tenements - 1 KW/Tenement			ts - 1	2689 KW		
5		Total Energy Saving				3781 KW (percentage saving 20.96% of Max. Demand)		
		50	.Details	of pollut	ion co	ontrol Syste	ems	
Source Existing pollution control system						Pi	roposed to be installed	
Sewage		1	Not applicabl	e		Sewage Trea	atment Plant 3 Nos. 500 KLD each.	
Solid Was (Bio-degrad	te able	1	Not applicabl	e		Orga	nic Waste Converter (OWC)	
Air Pollutio Vehicula Movement DG Set us during pov failure on	Air Pollution - Vehicular Movement and DG Set used during power failure only					Green belt Dev	velopment and Adequate stack for DG Set	
Budgetary (Capital	allocation	Capital cos	st:	Rs.130.00 I	Lacs			
0&M	cost):	O & M cos	t:	Rs.2.50 Lac	cs per an	num		
51	.Enviro	onment	al Man	nageme	ent p	lan Budg	etary Allocation	
		a)	Construc	ction pha	nse (w	ith Break-u	ıp):	
Serial Number	Attri	butes	Parar	neter		Total Cost per annum (Rs. In Lacs)		
1	Air Pollutio of water -	n- Spraying - Monthly.	SP	ΡM		Rs. 2.50 Lacs		
2	Provision toilet and Septic Ta: Pit Prov Contr	of mobile Temporary nk & Soak vided by ractor	-		Rs. 5.0 Lacs			
3	Environ other rela	ment and ated study				Rs. 1.00 Lac		
		b) Operati	ion Phas	e (wit	h Break-up):	
Serial Number	Comp	onent	Descr	iption	Capit	al cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Air Polluti	on Control	Dense plan water sp	ntation and prinklers	Rs.	50.00 Lacs	Rs. 3.50 Lacs	
2	Water F	Pollution	Sewage T Plant 3 Nos eac	'reatment s. 500 KLD ch.	Rs.	250.00 Lacs	Rs.12.00 Lacs	
3	Solid	Waste	3 Nos. of Waste Conv	Organic verterOWC	Rs.	65.00 Lacs	Rs.6.00 Lacs	
4	Rain Water & its fa	Harvesting cilities.	20 Nos. of	RWH pits	Rs	.30.00 Lacs	Rs.2.00 Lacs	
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)								



Description	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
		52.A	ny Ot	her Info	rmation	1		
No Information Availab	ble							
		53.	Traffi	c Manag	gement			
	Nos. of t to the m design o confluer	the junction aain road & of nce:	The pro throug	oject site is h MIHAN R	approachab oad.	le by Nagpur –	Hyderabad	NH-7 road
	Number basemer	and area of nt:	16 base	ement are p	roposed and	d Area of Basen	nent is 25,9	00 Sq.m.
	Number podia:	and area of	16 Stilt	are propos	ed and Area	a of Stilt is 28,6	80.00Sqm.	
	Total Pa	rking area:	Total P	arking area	is 81230.00) Sq.m.		
	Area per	r car:	As per MOEF & CC norms 25 Sq.m/ Car for Open, 30 Sq.m./Ca and 35 Sq.m./Car for Basement.				.m./Car for Stilt	
	Area per	r car:	As per MOEF & CC norms 25 Sq.m/ Car for Open, 30 Sq.m./Car for and 35 Sq.m./Car for Basement.					.m./Car for Stilt
Parking details:	Number Wheeler approve compete authorit	o of 2- rs as d by ent y:	Total Nos. of Scooter : 6068. Total Nos. of Cycle : 3035 .					
	Number Wheeler approve compete authorit	of 4- rs as d by ent y:	Total Nos. of Car : 2190.					
	Public T	ransport:	Not applicable					
	Width or roads (n	f all Internal n):	6-15 m. wide Roads					
	CRZ/ RR obtain, i	Z clearance if any:	Not Applicable					
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			Not Applicable					
	Categor schedule Notifica	y as per e of EIA tion sheet	8 (b)					
	Court ca if any	ises pending	No					
	Other R Informa	elevant tions	Applica and CC	ition for Env	vironmental	Clearance the	ToR was iss	sued by MoEF



	Have you previously submitted Application online on MOEF Website.	Yes	
	Date of online submission	13-11-2017	
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS			

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for "Shiv Kailasa" Proposed group Housing & Commercial Scheme by OM Shivam Buildcon Pvt. Ltd. At Plot No. 242, 241, 238/2, 239, 237/1, 238/1, 247/1, Village -Sondapar, Tehsil- Hingna, District - Nagpur by M/s. OM Shivam Buildcon Pvt. Ltd.

PP submitted their application for prior Environmental clearance for total plot area of 121680 Sq. Mtrs, BUA of 418883.40 Sq. Mtrs and FSI area of 310284 Sq. Mtrs. PP proposes to construct 15 no. residential & commercial building + club house & bungalow.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF& CC circular dated 1/05/2018.

2) PP to explore the possibility to use excess treated water.

3) PP to submit revised site specific EMP.

4) PP to submit CFO NOC.

FINAL RECOMMENDATION

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



Agenda for 67 th Meeting of SEAC-3 (Day-4)

SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for M/s Knowledge City Education Pvt. Ltd. & M/s. Oxford Golf & Resorts Pvt. Ltd. proposes to expand "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, 159, 163, 168,

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	Pollution and Ecology Control Services
5.Type of project	Township
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 Granted 1.No. 21-154/2006/IA-III date 17 Oct. 2006. 2. No. 21-362/2007/IA-III dated 27 Dec. 2007.
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 Mulshi, Lavale and Bavdhan
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.Area of the project	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)	This has been worked out by adding the Built up area of Existing Phase (5,77,828.01Sq.M) and Proposed expansion phase (48,46,595.37 Sq. M). The project proponent has planned to complete the entire project in eight phases. So far construction has been carried out is only 62881.92 Sq.m, which is only 10.88 per cent of the total built up area of the existing phase. Important buildings or edifices constructed in the existence phase are Golf Club Building 4763 Sq.m, Flame University 53618.92 Sq.m. and Avasara School 4500.00 Sq.m.
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
	c) Total BUA area (sq. m.): 5424423.31



		Approved E					
18 (b).Appro	oved Built up area as per	Approved 151 area (sq. m.)					
DCR		Date of Approval: 10-04-2018					
19.Total ground coverage (m2)		250747 72 Sg. m.					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)			5 % of Total Plot Area and 6.9 % of Net Plot Area				
21.Estimate	d cost of the project	1500000000	00				
	22.Num	ber of l	ouildings & its confi	guration			
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)			
1	OCR -1: G1B	Ą	2PD+30	99.90			
2	OCR -1: G7		2PD+30	99.90			
3	OCR -1: G3D)	2PD+30	99.90			
4	OCR -1: G4A		2PD+30	99.90			
5	OCR -2: N1C	b	3PD+30	99.90			
6	OCR -2: N1D	a	3PD+30	99.90			
7	OCR-2: G3D		3PD+30	99.90			
8	OCR-2: MLCP+	C8	6	24.00			
9	OCR 2: C5		3	15.00			
10	OCR 2: CG		3	15.00			
11	OCR 2: C7		3	15.00			
12	OCR 3: T1, T	3	5PD+30	99.90			
13	OCR 3: T2,T4,T5,	Г6,Т7	5PD+30	99.90			
14	OCR 4: T		2PD+ 30	99.90			
15	OCR 5: T		2PD+ 30	90.00			
16	OCR 6: BLOCK	I A	G+3	12.27			
17	OCR6: BLOCK	В	G+5	25.00			
18	OCR 6: BLOCK	C	G+3	13.40			
19	OCR6: BLOCK	D	G+4	15.00			
20	OCR6: BLOCK	Е	G+7	28.15			
21	OCR-6 BLOCK	F	G+29	99.90			
22	OCR 6: LOGHU	TS	G+1	6.00			
23	OCR 6: EXP CEN	TER	G+1	9.00			
24	OCR-7 +8 TYP	Ξ-1	G+2	14.50			
25	OCR-7 +8 TYP	Ξ-2	G + 2	14.50			
26	OCR-7 +8 TYPE-3		G + 2	14.50			
27	OCR-7 +8 TYPE-4		G + 2	14.50			
28	OCR-7 +8 TYPE-5		G + 2	14.50			
29	OCR-7 +8 TYP	Ξ-1	G + 2	14.50			
30	OCR 9 T		2PD+30	99.90			
31	OCR 10 T		2PD+30	99.90			
32	OCR 12 T		2PD+30	99.90			
33	OCR 13 T		2PD+30	99.90			
34	OCR 14 E 1		P+17	60.00			

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 66 of 137	Name: Kare April D Signature: Journan Shri. Anil Kale (Chairman SEAC-III)
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35	OCR 14 E 3	P+17	60.00
36	OCR 15 E 1	P+17	60.00
37	OCR 16 E 1	P+18	55.00
38	OCR 17 E 1	P+17	60.00
39	OCR 17 E 1A	P+17	60.00
40	OCR 17 E 2	P+17	60.00
41	OCR 18 T	2PD+30	99.90
42	OCC- 4 Shed -1	G	7.8
43	OCC- 3 Town Hall	P+ POD + 7	24
44	OCC- 2 C -2	P+ POD + 23	71.40
45	OCA-4 Health Club	P+ 2	15
46	OCA-2 Library Building	P+ 7	24.00
47	OCE -9 Health	P+ 5	18.15
48	OCE-1 A01	G+1	9.45
49	OCE-1 A02	LG+G+3	14.95
50	OCE-1 A03	G+3	12.00
51	OCE-1 A04	G+2	11.25
52	OCE-1 A05	G+3	12.00
53	OCE-1 A06	G+1	9.45
54	OCE-1 A07	G+3	14.85
55	OCE-1 A08	G+1	9.45
56	OCE-1 A09	G+3	14.85
57	OCE-1 A10	G	5.20
58	OCE-1 A11	G+1	13.11
59	OCE-1 A12	G+1	11.10
60	OCE-1 A13	G	4.02
61	OCE-1 A15	G+1	6.90
62	OCE-1 A16	G+1	7.00
63	OCE-1 A17	G+1	7.00
64	OCE-1 A18	G+1	7.00
65	OCE-1 A19	G+1	7.00
66	OCE-1 A20	G	4.50
67	OCE-1 A21+22	G	6.45
68	OCE-1 A23	G	3.45
69	OCE-1 A26 +2	G+3	13.00
70	OCE-1 A27 +2	G+3	13.05
71	OCE-1 A28	G+3	14.95
72	OCE-1 A40	G	4.35
73	OCE-1 A41	G+2	14.81
74	OCE-1 A42	G+3	15.00
75	OCE-1 A46	G	3.45
76	OCE-1 A47	G	3.45
77	OCE-1 A48	G+4	15.00
78	OCE-1 Auditorium	G+1	14.40

K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 67	Name: Kare Ani) D Signature: Acily Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

79	OCE	2:Sport Complex	G+1	10.80			
80	OCE2:Executive Education Centre		G+7	24.00			
81	OCE2:Hostel 1		G+3	12.00			
82	OCE2:Faculty Housing		G+7	24.00			
83		OCE 3	0	0			
84		OCE 4	0	0			
85	OCE -5 Building-1		G+3	14.90			
86	00	CE -5 Building-2	G+3	14.90			
87	00	CE -5 Building-3	G+3	14.90			
88	00	CE -5 Building-4	G+3	14.90			
89	00	CE -5 Building-5	G+3	14.90			
90	00	CE -5 Building-6	G+3	14.90			
91	OCE7 -	Academic Block – A	G+3	15.00			
92	OCE7 -	Academic Block – B	G+3	15.00			
93	0	CE6- School 1	G+3	14.90			
94	OC	E8 – Housing 2A	G+4	16.00			
95	OC	E8: Housing 3A	G+4	16.00			
96	OCE8:	Housing D-1 & D-2	G+1	7.00			
97	OC	U-1 Bus Station	G	5.00			
98	OCU	J-1 Police Station	G	4.20			
99	OC	U-1 Fire Station	G	5.00			
23.Number tenants an	Iumber of No. of Tenements 18922 (Residential)						
24.Number of expected residents / 275168 users			- OF				
25.Tenant per hectar	density e	50 (permissible 250 per	hector)				
26.Height building(s	of the)	(\cdot, \cdot)					
27.Right o (Width of a from the n station to proposed l	s of way of the road nearest fire to the d building(s) 18 m. road developed by project proponent connected to NH-4. Fire station is at distance of 12.0 km. Fire station is proposed in the township.						
28.Turning for easy ac fire tender movement around the excluding for the pla	ng radius access of ler nt from all 9 mtr he building g the width lantation						
29.Existing structure	g (s) if any	So far construction has been carried out is only 62881.92 Sq.m, which is only 10.88 per cent of the total built up area of the existing phase. Important buildings or edifices constructed in the existence phase are Golf Club Building 4763 Sq.m, Flame University 53618.92 Sq.m. and Avasara School 4500.00 Sq.m.					
30.Details demolition disposal (I applicable	of the with f)	NA					

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 68 of 137	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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31.Production Details												
Serial Number	Proc	duct Existing		(MT/M)	(MT/M) Proposed (MT/M)			otal (MT/M)				
1	Not app	plicable Not app		plicable	licable Not applicable Not applicable							
		32	2.Tota	l Wateı	r Requir	emen	t					
Source of water			Irrigation Department Pune									
		Fresh water (CMD):		9230								
		Recycled water - Flushing (CMD):		4758								
		Recycled water - Gardening (CMD):		2561								
		Swimming p make up (Cu	ool ım):	9			(0				
Dry season	1:	Total Water Requiremen :	t (CMD)	16549			0					
		Fire fighting - Underground water tank(CMD):		500 KL								
		Fire fighting Overhead wa tank(CMD):	iter	30 KI								
		Excess treat	ed water	4209								
		Source of wa	ter	Irrigation Department Pune								
		Fresh water	(CMD):	9230								
		Recycled wa Flushing (Cl	ter - AD):	4758								
		Recycled wa Gardening (ter - CMD):	0								
		Swimming pool make up (Cum):		9								
Wet seaso	a:	Total Water Requiremen :	t (CMD)	13988								
		Fire fighting - Underground water tank(CMD):		500 KL								
		Fire fighting - Overhead water tank(CMD):		30 KL								
	5	Excess treat	ed water	6769								
Details of pool (If an	Swimming y)	AS per Layou	t plan									
33.Details of Total water consumed												
Particula rs Consumption (CMD)			Loss (CMD) Effluent (CMD)									
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	336	13652	13988	90	1763	1853	246	11889	12135			

hote			Name: Kart Ani) D
K.s. Langets			Signature: Acla
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 69	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

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 o tank(s) and Quantity:	of RWH	details are given in EIA Report									
		Location of t tank(s):	he RWH	As per contour of the site									
		Quantity of r pits:	recharge	600 Nos.									
		Size of recha :	rge pits	1.5 x1.5 x 2 m									
34.Rain V	Water	Budgetary al (Capital cost	llocation	120 Lakhs									
Harvestii (RWH)	ng	Budgetary al (O & M cost)	location :	10 Lakhs/An	inum								
		Details of UC if any :	GT tanks	UGT Name In KLD UGT-1 2170 UGT-2a 710 UGT-2b 830 UGT-3 3140 UGT-4a 870 UGT-4b- 380 UGTb-2 210 UGT-2 210 UGT-Y 90 UGT-V2 90 UGT-V2 90 UGT-V3 90 UGT-G 250 Total 9230									
25 61		Natural wate drainage pat	er tern:	Storm water drainage will be designed according to contour of the site									
drainage	water	Quantity of s water:	torm	169263 cum									
		Size of SWD:		1200 mm in diameter									
		Sewage gene in KLD:	eration	12135									
		STP technolo	ogy:	MBBR									
Sewage and Waste water	and	Capacity of S (CMD):	STP	13 no. Total Capacity 12330 KLD									
	vater	Location & a the STP:	rea of	Shown in Layout Plan									
		Budgetary al (Capital cost	llocation	Rs. 900 Lak	hs								
		Budgetary al (O & M cost)	location :	Rs. 90 lakhs	/Annum								
36.Solid waste Management													



Waste generation in		Wast	e gen	eration:	30 Kg/day							
the Pre Co and Constr phase:	nstruction ruction	Dispo const debri	osal o tructi s:	f the on waste	Authorized Dealer							
		Dry waste:			24990.5 Kg/Day							
		Wet waste:		37485.7Kg/day								
Wasta ga	noration	Hazardous waste:		NA								
in the operation Phase:		Biomedical waste (If applicable):		30 Kg/day								
		STP 9 sludg	Sludg je):	e (Dry	Yes							
		Othe	rs if a	ny:	Used Oil							
Dry		Dry w	vaste:		Dry Waste (Non- biodegradable) garbage: Segregated into recyclable and non-recyclable waste and shall be handed over to Authorized Recycler of PMC.							
		Wet v	waste	•	OWC							
Mode of I	Disposal	Haza	rdous	waste:	Authorized	dealer if any	7					
of waste:		Biom appli	edica cable	l waste (If):	Authorized	Dealer		0				
		STP Sludge (Dry sludge):		Dry Sludge will be used as manure for Gardening								
Other			rs if a	ny:	Authorized Vendor							
		Locat	tion(s):	As per show	vn in Layout	Plan	, 				
Area for t of waste of material:			for th ste & rial:	e storage other	Enmark area is shown in layout plan							
Area for m				achinery:	chinery: 1400 Sq.m for OWC setup.							
Budgetary	allocation	Capit	al cos	st:	Rs. 9 Crore	S						
(Capital co O&M cost)	st and	0 & N	M cos	t:	Rs. 90 lacs	per annum						
				37.Ef	fluent C	harecter	estic	S				
Serial Number	Paran	neters		Unit	Inlet Effluent Charecterestics		Outlet Effluent Charecterestics		nt cs	Effluent discharge standards (MPCB)		
1	р	H		NA	7.5	7.0-7.5				6.5-9.0		
2	S	S		mg/ltr	150-200		50-100				100	
3	BC	DD		mg/ltr	50-80 10-30				30			
Amount of e (CMD):	effluent gene	eration		Not applica	ıble							
Capacity of	the ETP:			Not applica	ıble							
Amount of t recycled :	reated efflue	ent		Not applica	able							
Amount of v	vater send to	o the C	ETP:	Not applica	cable							
Membership	o of CETP (if	frequi	re):	Not applica	cable							
Note on ETI	P technology	v to be	used	Not applica	cable							
Disposal of	the ETP sluc	lge		Not applica	ble							
				38.H a	zardous	Waste D	etai	ls				
Serial Description Cat				UOM	Existing	Proposed		To	tal	Method of Disposal		
1	1 Used Oil 5.1				ltr/annum	30	100 130		0	Authorised Vendor		
K.S.Langote (Secretary SEAC Meeting No					o: 67 Meeting 2018) Date: Augus	st 22,	Pag	ge 71 f 137	Nam Sign Shri. SEAC	ature: Ami 7 D Anil Kale (Chairman -III)	

39.Stacks emission Details													
Serial Number	Section & units		Fı	Fuel Used with Quantity		Stack	ack No. Heig fro grou level		ght m ınd (m)	Inte diam (n	rnal leter 1)	Temp. of Exhaust Gases	
1	DG Set			2625 ltr/day			nos. as per Norms aj			approj as j heig	appropriate as per height.		
40.Details of Fuel to be used													
Serial Number	Тур	pe of Fuel		Existing Proposed						Total			
1		Diesel			816 ltr/day			1809	ltr/day	у		2625 ltr/day	
41.Source of	of Fuel			Local	Supplier								
42.Mode of	Transportat	tion of fuel to	site	by Ro	ad through	Truck '	Tanke	er			4		
		Total RG a	rea :		11,19,247.	63 Sq.r	n. (Ir	cludin	g Hill	slope p	olantat	ion)	
		No of tree	s to b	e cut	350 Nos. a	pproxir	nate))	-				
43.Gree	n Belt	Number o be planted	f trees	s to	7500 trees planned to	have b be play	een p nted	lanted	and A	As many	y as 20	0000 trees have been	
Development List of pro			posed es :	l	Neem, Maı Gulmohar,	igo, Jambhul, Fig, Amaltas, Bargad, Shisam, Arjuna, Jackfruit, Chiku, Ashok, Furcurea, Badam, Roval Palm						hisam, Arjuna, dam, Royal Palm	
		or n of	r of Not Applicat			ble							
44.Number and list of trees species to be planted in the ground													
Serial Number	Name of	the plant	(Common Name			Quantity			Ch	Characteristics & ecological importance		
1	Azardira	chtaindica		Neem			3000			Dense , Evergreen			
2	FicusBei	nghalensis		Bargad,(Wad)			150		Large, Dense , Evergreen				
3	Termina	aliaArjuna	C	Arjuna			2000				semi-d	leciduous, Medium	
4	Polyalth	iaPendula		Ashoka			4000				Ev	vergreen, small	
5	Mangif	eraIndica		Amba			1000			Large, Dense , Evergreen			
6	Syzygiu	mCuminii	Y	Jan	Jambhul		1000			semi-deciduous, Medium			
7	Cassia	a Fistula		Am	maltas		1500			Evergreen, small			
8	Dalberg	iaLatifolia		Shisam			1000				Large, Dense , Evergreen		
9	Michelia	Champaka		Soai	oanChafa		800			Large, Dense , Evergreen			
10	Manilka	arazapota		Chiku			800			se	semi-deciduous, Medium, tall		
11	Furcrat	aGigantia		Furcurea			700			succulent garden ornamental.			
12	Delon	ixRegia		Gulmohar			1500			Deciduous, Large			
13	Artocarpus	heterophyllu	6	Jackfruit			500		G	nopy, Fruit & flower, attracting			
14	FicusB	enjamina]	Fig		550		Deciduous, Large		eciduous, Large		
15	Roysto	nearegia		Roya	ıl Palm		1500				Deciduous, Large		
4	5.Total qua	ntity of pla	nts on	grou	nd								
46.Number and list of shrubs and bushes species to be planted in the podium RG:													
Serial Number		Name			C/C Dista	ance			_		Area	n m2	
K.S.Langot SEAC-III)	Tanget e (Secretary	SEA	C Meet	ting No	: 67 Meetin 2018	g Date:	Augu	st 22,	Po	1ge 72 of 137	Nam Sign Shri. SEAC	ne: Kart Ani) D ature: Acily - Anil Kale (Chairman -III)	
1		NA	NA	NA									
---	---	--	---------------------------	--------------------------	--	--	--	--	--				
			47.Energ	47.Energy									
		Source of power supply :	MSEDCL										
		During Construct Phase: (Demand Load)	200 KVA	200 KVA									
		DG set as Power back-up during construction ph	NA	NA									
Der		During Operatio phase (Connecte load):	n ed 456 MVA	456 MVA									
require	ement:	During Operation phase (Demand load):	n 247 MVA	2									
		Transformer:	194 Nos.	N Y									
DG set as Power back-up during operation phase: Fuel used:		107 Nos.	107 Nos.										
		Fuel used:	Diesel										
Details of high tension line passing through the plot if any:			sing t if 132 KVA line	132 KVA line									
		48.Energy	saving by non-cor	nventional method:									
Solar Energ	y Conventio	nal Energy											
Sr. No Desc Energy Sav (Kw-hr/ yea 1 Solar Ligh (for Landsc 2 Still Floor / Lift Lobby 3 VFD's on 4 Solar Pan Total Saving	 Sr. No Description Units Saved/ year Energy cost savings/ Year Units Saved/ Day Units / year Energy cost / Year % Energy Saving/yr (Kw-hr/ year) (Rs./year) (Kw-hr/ Day) (Kw-hr/ year) Rs./year 1 Solar Lighting 43800 306600 120 438000 3066000 10 (for Landscape/Driveway) 2 Still Floor / Staircase 5162706 36138942 14144 17209020 120463140 30 / Lift Lobby Lighting 3 VFD's on Lifts 4204800 29433600 11520 21024000 147168000 20 4 Solar Panels for Hot Water 2509600 17567200 6875.62 135505000 94535000 19 												
Total Saving	gs/ day (Kwh	n) 32660 228620 14	2948 1000636										
		49.De	tail calculations &	x % of saving:									
Serial Number	E	nergy Conservati	on Measures	Saving %									
1	Solar	r Lighting (for Land	lscape/Driveway)	10 %									
2	Still F	Floor / Staircase / L	ift Lobby Lighting	30 %									
3		VFD's on l	Lifts	20 %									
4		Solar Panels for	Hot Water	19 %									
		50.Deta	ails of pollution c	ontrol Systems									
Source		Existing pollutio	n control system	Proposed to be installed									



Air Polluti -Vehicula Movement DG Set us during pov failure on	on ar and ed ver ly	Acoustic	Covered and	vered and Chimney Every D			y DG set having appropriate Acoustic Cover and Chimney (stack) as per CPCB Norms		
Sewage		200	KLD and 300) KLD		11 more STP T	otal capacity after expansion will be 12330 KLD		
Solid Was (Non Bio degradabl and Bio Degrdabl	lid Waste Non Bio- gradable) Bins are Provid and Bio egrdable			ded and disposal trough PMC			ded and disposal trough PMC and 14 installed for Bio-degradable waste.		
Budgetary (Capital	allocation cost and	Capital co	st:	Rs.4203.00	Lakhs				
0&M	cost):	O & M cos	t:	Rs.40.00 La	ikh per A	nnum			
51	.Envir	onmen	tal Mar	nageme	ent p	lan Budg	etary Allocation		
		a)	Construe	c <mark>tion ph</mark> a	ise (w	ith Break-u	.p):		
Serial Number	Attri	butes	Para	meter		Total Cost p	er annum (Rs. In Lacs)		
1	Water : Suppi	Water for Dust Suppression SP				7.20 (Rs.	1500/day for 2 years)		
2	Site San Sa	itation & fety	mobile	toilets			5.50		
3	Enviro Moni	nmental toring	-			0	4.50		
4	Health & Lai	Checkup of bour	-	-		2.0			
5	TO	TAL			19.2				
		b) Operat	ion Phas	e (wit	h Break-up):		
Serial Number	Comp	onent	Descr	iption	Capit	al cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Water I	Pollution	Sewage 7 Plant 13 1 capacity 1	reatment Nos. Total 2330 KLD		900	90		
2	Air Polluti Manag	on Control gement	Water sp Stacks of a ht shall be DG	prinklers, appropriate provided to Set		25	5		
3	Solid Manag	Waste gement	Organio Converter bins will b	c Waste OWC and e provided		350	35		
4	R	WH	600 Nos o be pro	f pits shall ovided		120	10		
5	Energy Co	onservation	Flat Area (PV Solar) s heaters & S Lig	2 Light On solar water Solar Street Jht.		4203	40		
6	Land	scape	Plantatio	n and lac		300	30		
7			То	tal		5898	210		
51.S	torage	of che	micals	(inflan substa	nable ances	e/explosiv s)	/e/hazardous/toxic		



SEAC Meeting No: 67 Meeting Date: August 22,	Pa
2018	0

	Name: Kare Ani D. Signature:
ge 74	Shri. Anil Kale (Chairman
f 137	SEAC-III)

Description	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation			
Not applicable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
		52.A	ny Ot	her Info	rmation	1					
No Information Availa	ble										
	_	53.	Traffi	c Manag	gement						
	Nos. of the junction to the main road & design of confluence:			oject site is h TarRoad I	approachab Developed b	le by Mumbai-H y Project Propo	Bangalore N ment.	IH-4 road			
	Number basemer	and area of at:	None				Y				
	Number podia:	Number and area of podia:		ium.							
	Total Pa	Total Parking area:		817000 Sq. m.							
	Area per	Area per car:		As per PMRD Norms							
	Area per	Area per car:		As per PMRD Norms							
Parking details:	Number Wheeler approve compete authorit	Wheelers as approved by competent authority:		87770 Scooter and 87770 Cycles							
	Number Wheeler approve compete authorit	of 4- rs as d by ent y:	27678 Nos								
	Public T	Public Transport:		NA							
	Width or roads (n	f all Internal n):	6-12 m.								
	CRZ/ RR obtain, i	Z clearance if any:	NA								
S	Distance Protecte Criticall areas / H areas/ in boundar	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		NA							
	Categor schedule Notifica	y as per e of EIA tion sheet	8 (b)								
	Court ca if any	ises pending	None								
	Other R Informa	elevant tions	Application for Environmental Clearance.								



Have you previou submitted Application onlin on MOEF Websit	e Yes
Date of online submission	18-12-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for 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, 159, 163, 168, at village Bavdhan Mulshi, Lavale by M/s Knowledge City Education Pvt. Ltd. & M/s. Oxford Golf & Resorts Pvt. Ltd.proposes to expand "OXFORD CITY"

PP submitted their application for Expansion in existing Environmental clearance for total plot area of 3857154 Sq. Mtrs, BUA of 5424423.31 Sq. Mtrs and FSI area of 4253512.80 Sq. Mtrs.

The proposal was discussed in the committee to ascertain the methodology to be adopted to process various aspects of the activities proposed on the site by the PP and the expected impacts of these activities on the ecology and environment at the project site and its immediate neighbourhood. It was <u>inter alia</u> agreed that we may take up the various activities and examine each one in detail to study the impacts and the effect of the measures adopted by the PP for mitigation of the adverse impacts.

DECISION OF SEAC

SEAC



The following subjects were identified for examination and discussion with the PP and his team of consultants and advisers. This list is, however, not exhaustive and the SEAC will continue to add issues as these arise during the course of discussions. The efforts of the SEAC will be to examine this project exhaustively to ensure that no aspect of environmental concerns as identified in the current legislations, administrative orders and statutory notifications is left uncovered. It will also be the effort of the SEAC to ensure that communities living in the vicinity of this project are not affected adversely in any manner but on the other hand benefit economically and socially by this development and are over the course of its development incorporated seamlessly into this new community.

- 1 Land Environment.
- 2. Ground Water and Water Environment.
- 3. Air Environment.
- 4. Noise Management.
- 5. Energy and Power.
- 6. Ecology and Biodiversity.
- 7. Solid Waste Management.
- 8. Bio Medical Waste Management.
- 9. Waste Water Management.
- 10. EMP-Environment Management Cell and Budget.
- 11. Disaster Management, Fire Fighting and on site Emergency Plan.
- 12. Socio Economic Issues related to project site.
- 13. Traffic Management (Traffic Generation and Impact).

Note: The EIA report prepared by the PP will be the reference document for various issues that will be discussed by the SEAC. It may require to be modified at the end of our deliberations in accordance with the requirements of law and facility of implementation of the project to ensure the applicability of the most suitable solutions to meet the required standards.

10012

The committee appraised the project under 8(b) B1 category of EIA Notification, 2006. PP to use model TOR available on the web site of MoEF in addition to the points mentioned below and TOR attached as Annexure - I.

Specific Conditions by SEAC:

PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
 PP to submit an indemnity bond indemnifying Environment Department, Government of Maharashtra from any legal consequences arises on account of disputes in respect of ownership of the

All of the present status of environment in the area, baseline data with respect to environmental components air, water, noise, soil, land and biology & biodiversity (flora & fauna), wildlife, socio-economic status etc. should be collected with 15 km radius of the main components of the project/site.
 PP to include separate chapter on Renewable energy.
 Dency requirements of the project shall aim at maximum sustainability i.e. Minimal requirement / dependence on the power supplying authorities.

6) PP to explore use of non-buildable areas to install solar panels.
7) PP to include carbon footprint estimations in EIA report.
8) PP to carry out Traffic Impact Study in detail including, a) Traffic Management Plan for the development - Internal circulation with road width. b) Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project. () Topographic details of roads and intersections. d) Traffic generation per day/peak hour V(r ratio with reference to present capacity of roads. V/c Ratio with reference to future capacity of widened roads. e) Inventory of open spaces for parking as per DCR/area provided/car as per MoEF construction manual. f) Proper drawings and sketches showing road geometry and traffic volume diagrams etc. 9) PP to include site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA. 10) PP to submit location clearance/ Notification copy issued in the name by the Government development.

10) Pr to is using location clearance / voltation and/or solution in the name by the overlament.
11) Pr to note that no quarrying and hill cutting will be allowed in the proposed development
12) Pr to mark his project area boundary, each village boundary their buffer zone and mark it on the master layout.
14) Pr to use catchement area water either during the construction or operation phase; PP to obtain permission from competent authority for proposed bore wells and dug wells
15) Pr to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.

16) PP to carry out fugitive dust monitoring by using local meteorological data.
17) 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/sxxcess earth etc.

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

18) PP to submit socio-economic infrastructure details including public transport arrangements on the site.
19) 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.
20) PP to clarify whether any natural water courses passing through the plot; if yes then include steps taken to preserve the same.
21) PP to submit internal storm water and sever line arrangements up to final disposal point.
23) PP to submit total run off calculations before and after development.

24) PP to explore possibility to install air modelling station on site during construction as well as operation phase for ambient air quality monitoring.
 25) PP to submit plan for disposal of excess treated sewage water disposal.

FINAL RECOMMENDATION

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

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 77 of 137	Name: Kare Amin D Signature: Amin D Shri. Anil Kale (Chairman SEAC-III)
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Ager	Ida for 67 th Meeting of SEAC-5 (Day-4)
SEAC Me	eting number: 67 Meeting Date August 22, 2018
Subject: Environment Clearance for	r Proposed Residential Building Project
Is a Violation Case: No	
1.Name of Project	ATUR VALLEY VISTA
2.Type of institution	Private
3.Name of Project Proponent	M/s. Atur Sangtani & Associates
4.Name of Consultant	M/s. Sneha Hi-Tech Products
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	At No. 44, Hissa No.2/1/1, 2/1/2. 2/1/3. 2/2/1, 2/2/3
9.Taluka	Haveli
10.Village	Pisoli
Correspondence Name:	Mr. Rajiv Lalit Sangtani
Room Number:	NA
Floor:	6th Floor
Building Name:	Atur Chambers, 2A
Road/Street Name:	Moledina Road
Locality:	Camp
City:	Pune
11.Area of the project	Project falls under Pune Metropolitan Region Development Authority [PMRDA]
12 IOD/IOA/Concession/Blan	PP has applied for revised sanction layout
Approval Number	IOD/IOA/Concession/Plan Approval Number: PP has applied for revised sanction plan
	Approved Built-up Area: 16200.00
13.Note on the initiated work (If applicable)	PP has completed construction of 13881.31m2 BUA as on date as per previous sanctioned layout
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	12000.00
16.Deductions	18000.00
17.Net Plot area	10200.00
10 (a) Brow and Built up Area (ECL 6	a) FSI area (sq. m.): 13958.68
Non-FSI)	b) Non FSI area (sq. m.): 13246.92
	c) Total BUA area (sq. m.): 27202.60
10 (b) Approved Drill up area as per	Approved FSI area (sq. m.):
DCR	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	1208.63
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	11.84

22.Number of buildings & its configuration

373400000

21.Estimated cost of the project

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 78 of 137	Name: K 974 A mi) D Signature: Journally Shri. Anil Kale (Chairman SEAC-III)
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	Si	C							
1	1400 ab]	32.Total Water Requirement							
Serial Number	Proc	duct	Existing (M	T/M)	Proposed (MT/	M)	Total (MT/M)		
0 1 1			31.Pro	oduct	ion Detail	5			
30.Details demolition disposal (I applicable)	of the with f	NA							
29.Existing structure (J (s) if any	PP has cons earlier sand	structed B wing structed plan	of the bu	ilding and has com	pleted cons	truction of 13881.31m2	2 as per	
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Average 9	Average 9						
27.Right o (Width of t from the n station to t proposed b	f way the road earest fire the building(s)	12	12						
26.Height building(s)	of the								
25.Tenant per hectar	5.Tenant density er hectare 250/Hector								
24.Number expected rusers	r of esidents /	720							
23.Number tenants an	r of d shops	144							
3		C			LP+UP+12		42.39	42.39	
1		A			LP+UP+12 LP+UP+12		42.39		
			İ						



	Source of wa	ter	Grampanchayat & Recycled/Tanker								
	Fresh water	(CMD):	64.8	64.8							
	Recycled wat Flushing (CM	er - ID):	32.4	32.4							
	Recycled wat Gardening (C	er - CMD):	10.0								
	Swimming po make up (Cu	ool m):	0.0								
Dry season:	Total Water Requirement :	(CMD)	106.8								
	Fire fighting Underground tank(CMD):	- l water	75								
	Fire fighting Overhead wa tank(CMD):	- ter	75								
	Excess treate	d water	43.7								
	Source of wa	ter	Grampancha	ayat & Recycle	d/Tanker						
	Fresh water ((CMD):	64.8								
	Recycled wat Flushing (CM	er - ID):	32.4	32.4							
	Recycled wat Gardening (C	er - CMD):	0.0								
	Swimming po make up (Cu	ool m):	0.0								
Wet season:	Total Water Requirement :	(CMD)	97.2								
	Fire fighting Underground tank(CMD):	- I water	75								
	Fire fighting Overhead wa tank(CMD):	ter	75								
	Excess treate	d water	53.3								
Details of Swimming pool (If any)	NA										
	33.	Detail	s of Total water consumed								
Particula rs Cons	sumption (CM	D)	Ι	Loss (CMD)		Eff	fluent (CMD)				
Water Require ment	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic NA	97.2	97.2	NA	9.72	9.72	NA	87.5	87.5			
Gardening NA	10.0	10.0	NA	10.0	10.0	NA	NA	NA			
Fresh water NA requireme nt	64.8	64.8	NA	6.5	6.5	NA	58.3	58.3			

hote			Name: Kart Anii D
K.s. Langet			Signature: Jocula
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 80	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

	Level of the Ground water table:	20.25 Average in summer
	Size and no of RWH tank(s) and Quantity:	No storage is proposed as harvested water shall be used for ground water recharge only
	Location of the RWH tank(s):	NA
34.Rain Water Harvesting	Quantity of recharge pits:	3
(RWH)	Size of recharge pits :	2.0m x 2.02m x 1.5m
	Budgetary allocation (Capital cost) :	7.5 Lakh
	Budgetary allocation (O & M cost) :	0.15 Lakh
	Details of UGT tanks if any :	PP has proposed UGWT capacity of 250Cum
	Natural water drainage pattern:	Yes
drainage	Quantity of storm water:	51.7m3/hr
	Size of SWD:	450mm
	Sewage generation in KLD:	87.5
	STP technology:	MBBR
Sewage and	Capacity of STP (CMD):	100.00 x 1 No.
Waste water	Location & area of the STP:	Between Wing A & Wing B
	Budgetary allocation (Capital cost):	34.0Lakh
	Budgetary allocation (O & M cost):	8.63Lakh
	36.Soli	d waste Management
Waste generation in the Pre Construction	Waste generation:	There shall be generation of construction debris and same shall be used for base course preparation.
and Construction phase:	Disposal of the construction waste debris:	Construction debris shall be used for base course preparation.
	Dry waste:	178.00
	Wet waste:	146.00
Waste generation	Hazardous waste:	Negligible
in the operation Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	15.00
	Others if any:	NA

K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 81	Name: Kare Ami D Signature: Accolor Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Mode of Disposal of waste: Dry waste Wet waste Hazardow Biomedic applicable		Dry waste:	:		Handed Over to authorized vendors SWACH							
		Wet waste			Through Composting Pits							
		Hazardous	waste:		Shall be dispose off to the authorized recycler / re processor							
		Biomedica applicable	l waste ():	(If	NA							
		STP Sludg sludge):	e (Dry		Used as a n	nanure	•					
		Others if a	ny:		NA							
		Location(s):		Near Wing	A & B						
Area requirem	ent:	Area for th of waste & material:	e storag other	je 30								
		Area for m	achinery	y:	NA							
Budgetary	allocation	Capital cos	st:		2.0Lakh							
O&M cost)	st and	O & M cos	t:		1.5Lakh							
			37.	Ef	fluent C	hare	cter	estics			7	
Serial Number	Paran	neters	Unit		Inlet E Charect	ffluer eresti	it .cs	Outlet I Charect	Efflue erest	nt ics	Effluent discharge standards (MPCB)	
1	p	Н	Not applicat	ole	Not ap	plicabl	е	Not app	plicabl	le	Not applicable	
2	TS	SS	mg/l		200	-400		Belo	w10		10	
3	BC	DD	mg/l		300-400			100			100	
4	CC	DD	mg/l		400-800			250			250	
Amount of effluent generation Not application			lica	ble								
Capacity of	the ETP:		Not app	lica	ble	7						
Amount of t recycled :	reated efflue	ent	Not app	pplicable								
Amount of v	vater send to	o the CETP:	Not app	lica	ble							
Membershi	p of CETP (if	require):	Not app	lica	ble							
Note on ET	P technology	to be used	Not app	pplicable								
Disposal of	the ETP slud	lge	Not app	applicable								
			38.	Ha	zardous	Was	te D	etails				
Serial Number	Descr	iption	Cat		UOM	Exis	ting	Proposed	To	tal	Method of Disposal	
1	Not app	plicable	Not applicab	ole	Not applicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	
			39	.St	acks em	issio	n D	etails				
Serial Number	Section & units		Fuel Q	Us Juai	ed with ntity	Stacl	s No.	Height from ground level (m)	Inte dian (r	ernal neter n)	Temp. of Exhaust Gases	
1	D.G.	. Set	Dies	sel -	25LPH	1		3	0	.1	80	
			40.1	De	tails of F	uel	to be	e used				
Serial Number	Тур	e of Fuel			Existing			Proposed			Total	
1	Dies	el - 25LPH			0.0		Ľ	Diesel - 25LPI	H		Diesel - 25LPH	
· · ·												

hote			Name: Kare Amil D
K.s. Langets			Signature: Jo-
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 82	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

41.Source of Fuel			From	From Market					
42.Mode of	Transportat	tion of fuel to	site Tank	Tanker as and when required					
	_								
		Total RG a	rea :	1200.00					
		No of trees	s to be cut	NA					
43.Gree	n Belt	Number of be planted	trees to	NA					
Develop	ment	List of pro native tree	posed es :	As mention	ed in point number v				
		Timeline f completion plantation	or 1 of :	Plantation s and it shall	shall be done in due cou take almost 1 year	rse of time of construction of project			
	44.Nu	mber and	l list of t	trees spe	cies to be plante	ed in the ground			
Serial Number	Name of	the plant	Commo	on Name	Quantity	Characteristics & ecological importance			
1	Cassia	fistula	Keshia	Fistola	10	Ornamental plants			
2	Boga	nvilla	Boga	nvilla	17	Ornamental plants			
3	Cocos N	Nucifera	Coc	onut	4	Tall Tree, Fruit Bearing Tree Medical Value,			
4	Plun	neria	Cha	impa	5	Large Evergreen, Dense Flowering, Bird Nesting and shady Tree			
5	Blue	Bloom	Jacka	iranda	3	Evergreen Tree, Flowering Plant, Birds attracting,			
6	Azadirac	hta indica	Ne	Neem 4		Shady Tree, Birds attracting, medical value			
7	Areca	a Palm	Areca	a Palm	11	Tall Tree, Birds attracting			
8	Phyllonthu	us Emblica	Aonla, Ar	nla, Avala	16	Fruit Tree, Birds attracting, Fragrance tree Medicine Plant			
9	Magnife	ra Indica	Mango	, Amba	11	Large Evergreen, Dense Nesting, Fruit Bearing Tree			
10	Swie	etenia	Mahogany		5	Tall Tree, Birds attracting, Shady Tree, Medical Value, Control Pollution			
11	Spatl Campa	Spathodea Campanulata African Tulip 6		Large Evergreen, Dense Flowering, Bird Nesting and shady Tree					
12	Syzygiur	n Cumini	Syzygiui	n Cumini	8	Evergreen Tree, Fruit Bearing, Birds attracting, Shady Tree, Medical Value, Control Pollution			
13	Terminall	a Catappa	Indian	Almon	12	Straight Tree, Birds attracting, Fruit bearing, medical value			
14	Annona I	Reticulata	Netted Cu [Ram	stard Apple nphal]	7	Fruit Tree, Attracting Butterflies & Birds			
15	Royston	ea Regia	Royal Pa	alms Tree	2	Ornamental Tree, Tall, mini girth			
16	Polyalthia	a Logifolia	Ashok	a Tree	10	Evergreen Tropical Tree			
17	Bahunia	Purpurea	Bahunia	Purpurea	7	Evergreen Tropical Tree			
18	Pheltop Pteroc	phorum carpum	Yellow Fl	amboyant	8	Evergreen Tropical Tree			
19	Mimo	osifolia	Jacaranda	Mimosifolia	6	Evergreen Tropical Tree			

K.S. Langots	
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,
SEAC-III)	2018

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45.T	otal quai	ntity of plants on	grou	nd	ice to be planted in the pedium DC.				
40.NUMD Serial	er and	Name	s an	C/C Distance	Area m2				
1		NA		NΔ	ΝΔ				
1		1 12 1		17 Enorm	7				
				47.Energy	/				
		source of power supply :		MSEDCL					
		During Construct Phase: (Demand Load)	tion	20KW					
		DG set as Power back-up during construction ph	ase	30KVA					
Dowo		During Operation phase (Connector load):	on ed	415KW					
requiren	nent:	During Operation phase (Demand load):		954					
		Transformer:		22KV / 630 KVA - 1 No					
		DG set as Power back-up during operation phase:		160KVA					
		Fuel used:		Diesel	y				
		Details of high tension line passing through the plot if any:		NA					
		48.Energy	savi	ng by non-conv	ventional method:				
PP has provide • Common are • Solar Water • Energy effici • Timer for Sta	ed Special a lighting heating s ent pump aircase lig	l Energy Conservat with LED bulbs: 4 ystem: 14400lit vs. Jhting, Lift Lobby, 1	ion M 1.58K Parkin	ethods as below: WH g area and street ligh	its.				
	-	49.De	tall	α	% of saving:				
Serial Number	E	nergy Conservati	on Mo	easures	Saving %				
1		Solar Sys	tem		25KW				
C	7	50.Det	ails	of pollution co	ntrol Systems				
Source	Ex	isting pollution o	ontro	l system	Proposed to be installed				
D.G. Set		Not applic	able		PP has proposed acoustic enclosure and adequate stack height				
Budgetary all	location	Capital cost:		25.0Lakh					
O&M cos	st and st):	0 & M cost:		3.0Lakh					
51.H	Enviro	onmental I	Mar	nagement pl	lan Budgetary Allocation				
		a) Cons	struc	ction phase (wi	ith Break-up):				

hote			Name: Kart Amin D
K.S. Langets			Signature: Acal
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 84	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Serial Number	Attı	ributes	Parameter			Total Cost per annum (Rs. In Lacs)					
1	Water Supp	r for Dust pression	Water f Suppr	Water for Dust Suppression			1.2				
2	Site Sa S	nitation & afety	Site San Sat	itation & fety	ζ		4.5				
3	Envir Mor	onmental nitoring	Enviroi Moni	nmental toring					1.5		
4	Disi	nfection	Disinf	fection					0.7		
5	Health	Check up	Health (Check up)				0.3		
]	b) Operat	ion Pl	nas	e (wi	th Breal	k-up):		
Serial Number	Com	ponent	Descr	iption		Capi	ital cost Rs Lacs	. In	Operat c	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Rain Wate	er Harvesting	g Rain Water	Harvest	ing		7.5			0.15	
2	Sewage F	Treatment Plant	Sewage T Pla	Freatmer ant	nt		34.0			8.63	
3	Organ Com	nic Waste posting	Organi Comp	c Waste osting			2.0			0.15	
4	Tree I	Plantation	Tree Pla	antation			1.0		1.5		
5	Energ	gy saving	Energy	v saving		25.0		3.0			
6	Envi: Mor	ronment nitoring	Enviro Moni	onment toring		0.0			3.0		
7	Laying Sewer lir dispo	of Storm & ne up to final sal point	Laying of Sewer line dispose	f Storm & e up to fin al point	& nal	9.75		0.25			
51.S	torag	e of ch	emicals	(infl sub	an sta	nabl ance	e/explo es)	osiv	/e/haz	zardou	s/toxic
Descri	ption	Status	Locatio	Location		orage pacity 1 MT	Maximum Quantity of Storage at any point of time in MT	Consumptio / Month in MT		Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	Not applicable		Not licable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her	r Info	ormation	L			
No Informa	tion Availa.	ble									
	5		53.	Traffi	c N	lana	gement				
Nos. of the junction to the main road & design of confluence:											



	Number and area of basement:	0			
	Number and area of podia:	NA			
	Total Parking area:	1483.20			
	Area per car:	12.5			
	Area per car:	12.5			
Parking details:	Number of 2- Wheelers as approved by competent authority:	216			
	Number of 4- Wheelers as approved by competent authority:	72			
	Public Transport:	NA			
	Width of all Internal roads (m):	9			
	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	NA			
	Have you previously submitted Application online on MOEF Website.	No			
	Date of online submission	-			
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
5	Summorised i	n brief information of Project as below.			
Brief information of the project by SEAC					



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Environment Clearance for Proposed Residential Building Project ATUR VALLEY VISTA at At No. 44, Hissa No.2/1/1, 2/1/2. 2/1/3. 2/2/1, 2/2/3, Pisoli,Tal-Haveli,Pune.by M/s. Atur Sangtani & Associates.

PP submitted their application for prior Environmental clearance for total plot area of 12000 Sq. Mtrs, BUA of 27202.60 Sq. Mtrs and FSI area of 13958.68 Sq. Mtrs. PP proposes to construct 3 no. residential building.

DECISION OF SEAC

PP remains absent, hence committee decided to defer the proposal and consider a fresh.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for Amendment in Proposed group hosing scheme 'Aldea Annexo' on S. Nos. 12/16/1 and 12/17/1 at village Mhalunge, Taluka Mulshi, District-Pune

is a violation case: No						
1.Name of Project	Aldea Annexo					
2.Type of institution	Private					
3.Name of Project Proponent	M/s. Puranik Builders Pvt. Ltd.					
4.Name of Consultant	Enviro Analysts and Engineers Pvt. Ltd.					
5.Type of project	Housing Project					
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment Project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Previous EC (SEAC-III-2015/CR-66/TC-3) received dated 11th August 2016 for total construction area of 26835.93 sq. m.					
8.Location of the project	S. Nos. 12/16/1 and 12/17/1 at village Mhalunge, Taluka Mulshi, District-Pune					
9.Taluka	Taluka Mulshi					
10.Village	Mhalunge					
Correspondence Name:	M/s. Puranik Builders Pvt. Ltd					
Room Number:	Puraniks One					
Floor:	NA					
Building Name:	Kanchan Pushp					
Road/Street Name:	Ghodbunder Road					
Locality:	Near Suraj Water Park					
City:	Thane					
11.Area of the project	Pune Metropolitan Regional Development Authority (PMRDA)					
	Amended approval from PMRDA received for total BUA 27417.48 Sq. m					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Letter No. BAIV/ C.R NO. 425/17-18 dated 21/02/2018					
	Approved Built-up Area: 27417					
13.Note on the initiated work (If applicable)	A and B buildings entirely constructed and P+1 floors of C1 building. C2 and D buildings not yet started. Completed construction area: 10918 sq. m.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	12511 sq. m.					
16.Deductions	15% Amenity Space: 1877 sq. m and R.G.					
17.Net Plot area	9570.60 sq. m.					
	a) FSI area (sq. m.): 15260.43 sq. m.					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 12157.05 sq. m.					
	c) Total BUA area (sq. m.): 27417.48					
	Approved FSI area (sq. m.):					
DCR	Approved Non FSI area (sq. m.):					
	Date of Approval:					
19.Total ground coverage (m2)	2856.73					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	22.83%					
21.Estimated cost of the project	103000000					

22.Number of buildings & its configuration

K.S. Langets			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 88	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Serial number	Buildin	g Name & n	umber	Nu	mber of floors	H	Height of the building (Mtrs)
1		А		S	tilt+12 Floors		39.45
2		В			tilt+12 Floors		39.45
3		C1		S	tilt+12 Floors		39.45
4		C2		S	tilt+12 Floors		39.45
5		D		S	tilt+10 Floors		33.65
23.Number tenants an	r of d shops	Tenements :	354				
24.Number expected r users	r of esidents /	1770					
25.Tenant per hectar	density e	283					
26.Height building(s)	of the)						
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							
29.Existing	J (s) if any	A and B buil received	dings compl	letely constr	ucted and Stilt+1 fl	loors of C	1 building as per previous EC
30.Details demolition disposal (I applicable	of the with f	NA					
			31.P	roduct	ion Details	5	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/	M)	Total (MT/M)
1	Not app	plicable	Not app	olicable	Not applicable	è	Not applicable
32.Total Water Requirement							



		Source of	water	Mhalunge (Grampancha	yat				
		Fresh wate	er (CMD):	159						
		Recycled w Flushing (vater - CMD):	80						
		Recycled w Gardening	vater - (CMD):	7						
		Swimming make up (pool Cum):	NA						
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	246						
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	300						
		Fire fightin Overhead tank(CMD)	ng - water):	NA				V		
		Excess trea	ated water	123						
		Source of	water	Mhalunge (Grampancha	yat				
Fresh water (CMD):			159							
		Recycled w Flushing (vater - CMD):	80						
		Recycled w Gardening	vater - (CMD):	0						
		Swimming make up (pool Cum):	NA						
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	239						
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	300						
		Fire fightin Overhead tank(CMD)	ng - water):	NA						
		Excess trea	ated water	130						
Details of pool (If an	Swimming y)	NA	~							
		3	3.Detail	s of Tota	l water o	consume	d			
Particula rs	Cons	sumption (C	EMD)		Loss (CMD))	Ef	ffluent (CM	D)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	



	Level water	l of the Ground r table:	8 M to 12 M					
	Size a tank(Quan	and no of RWH (s) and itity:	NA					
	Locat tank(tion of the RWH (s):	NA					
34.Rain Water	Quan pits:	ntity of recharge	4					
(RWH)	Size o	of recharge pits	3 M Diameter					
	Budg (Capi	jetary allocation ital cost) :	13 Lakh					
	Budg (O &	jetary allocation M cost) :	0.26 Lakh/Year					
	Detai if any	ils of UGT tanks y :	Domestic UG tank: 160 m3 Flushing UG tank: 80 m3 Fire UG tank: 300 m3					
DE Chorme auster	Natu drain	ral water lage pattern:	North to south					
drainage	Quan water	ntity of storm r:	NA					
	Size	of SWD:	300 mm wide					
	Sewa in KI	ge generation LD:	207					
	STP t	technology:	MBBR					
Sewage and	Capa (CMI	city of STP D):	1 no. 215 KLD					
Waste water	Locat the S	tion & area of TP:	Location: Ground floor; Area:	116.21 sq. m	1.			
	Budg (Capi	jetary allocation ital cost):	22.4 Lakh					
	Budg (0 &	jetary allocation M cost):	h 6.48 Lakh/Year					
) 36.Solie	l waste Managen	nent				
	Wast	e generation:	Cement bags:8244 nos, Paint container (@20L):825 nos, Scrap metal generated:3MT,Broken tiles: 687 sq. ft.,Aggregates:5MT					
Waste generation in the Pre Construction and Construction phase:	Dispo const debri	osal of the truction waste is:	Cement bags:Empty bags to be handed over to recycler, Paint container (@20L):To be handed over to recycler, Scrap metal generated: 100 % to be sold for recycling, Broken tiles: Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing terrace, Aggregates: To be used as a layer for internal roads and building boundary wall.					
	Dry w	vaste:	354 kg/ day					
	Wet	waste:	531 Kg/day					
Waste generation	Haza	rdous waste:	NA					
in the operation Phase:	Biom appli	edical waste (If cable):	NA					
	STP S sludg	Sludge (Dry je):	20 Kg / day					
	Othe	rs if any:	NA		K 1			
K.S.Langote (Secretary SEAC-III)		SEAC Meeting No	: 67 Meeting Date: August 22, 2018	Page 91 of 137	Signature: Josephine Shri. Anil Kale (Chairman SEAC-III)			

		Dry v	vaste:			This will be handed over to authorized local recyclers.							
		Wet	waste	:		This will be manure. Th	proces e manu	ssed in 1re wi	n Orga ll be u	nic W sed fo	aste C r lands	onvert scaping	er machine to give g work at the site.
Mode of	Disposal	Haza	rdous	wast	e:	NA							
of waste:	Disposai	Biom appli	edica cable	l was):	te (If	NA							
STP Sludge sludge):		e (Dry	ÿ	This will be manure. Th	proces e manu	ssed in tre wi	n Orga ll be u	nic W sed fo	aste C r lands	onvert scaping	er machine to give g work at the site		
Others if any:				NA									
		Loca	tion(s):		Ground floor							
Area requirem	ent:	Area of wa mate	for th iste & rial:	e sto othe	rage r	33.46 Sq m							0
		Area	for m	achin	ery:	13.40 Sq m							
Budgetary	allocation	Capit	tal cos	st:		6.0 Lakh							
(Capital co O&M cost)	st and	0 & 1	M cos	t:		1.5 Lakh/ Y	ear						
				3	7.Ef	fluent C	hared	cter	estic	S			
Serial Number	Paran	neters	5	U	nit	Inlet E Charect	ffluen eresti	t cs	Ot Ch	utlet 1 arect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	plicabl	е	N appli	ot cable	Not ap	plicable	e	N	lot apj	plicabl	е	Not applicable
Amount of effluent generation Not applica			able										
Capacity of the ETP: Not a		pplica	ble										
Amount of treated effluent Not applica			pplica	ble									
Amount of water send to the CETP: Not application			pplica	ble	Y								
Membershi	p of CETP (if	requi	re):	Not a	pplica	ble							
Note on ET	P technology	r to be	used	Not a	pplica	ble							
Disposal of	the ETP sluc	lge		Not a	pplica	ble							
				3	8.Ha	zardous	Was	te D	etai	ls			
Serial Number	Descr	iption		C	at	UOM	Exist	ing	Prop	osed	То	tal	Method of Disposal
1	Not app	olicabl	e	N appli	ot cable	Not applicable	No applio	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
				2	89.St	acks em	issio	n Do	etail	5			
Serial Number	Section	& uni	its	Fu	uel Us Qua	ed with ntity	Stack	No.	Hei fro grou level	ght om und (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1	Not apj	plicabl	e	Ν	lot apj	plicable	No applic	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
				4	0.De	tails of F	^r uel t	o be	e use	ed			
Serial Number	Тур	e of F	uel			Existing			Prop	osed			Total
1	Not	applic	able		Ν	Not applicabl	е	Ν	lot app	licabl	е		Not applicable
41.Source of	of Fuel				Not a	pplicable							
42.Mode of	Transportat	ion of t	fuel to	site	Not a	pplicable							
K.S.Langote (Secretary SEAC Meeting No				ing No	o: 67 Meeting 2018	J Date:	Augus	st 22,	Pa	ge 92 f 137	Nam Sign Shri. SEAC	ne: Kart Ami D nature: Accelent Anil Kale (Chairman -III)	

		Total RG a	rea :	1251.62 m2	2					
		No of trees	s to be cut	NA	NA					
43.Green Belt Development List of p native tr		Number of be planted	f trees to l :	Required: 1	Required: 156 nos. Proposed: 170 nos					
		List of pro native tree	posed es :	As below.						
	Timeline for completion of plantation :		As soon as construction work completed.							
	44.Nu	mber and	l list of t	rees spe	cies to b	e planted	l in the ground			
Serial Number	Name of	the plant	Commo	on Name	Qua	ntity	Characteristics & ecological importance			
1	Bauhir	nia alba	Kan	chan	3	5	Flowering Plant			
2	Murraya	paniculata	Ku	ınti	1	0	Flowering Plant			
3	Azardirac	hta indica	Kadu	nimba	1	5	Medicinal Plant			
4	Cassia	fistula	Bah	awa	25		Flowering Plant			
5	Lagers flosre	Lagerstroemia , flosregineae		ihan 10		0	Ornamental Plant			
6	Polyalthea	a longifolia	False	Ashok	25		Medicinal Plant			
7	Caryot	a urens	Fishta	il Palm	20		Ornamental Plant			
8	Michelia	champaca	Sono	chafa	20		Flowering Plant			
9	Manilka	ra zopota	Chie	koo 10			Fruit Plant			
45	5.Total qua	ntity of plar	nts on grou	nd						
46.Num	nber and	list of sl	hrubs an	d bushes	s species	to be pla	anted in the podium RG:			
Serial Number		Name		C/C Dista	ince		Area m2			
1		NA		NA			NA			
	47.Energy									



		Source of j supply :	Source of power supply :		Maharashtra State Electricity Distribution Co Ltd. (MSEDCL)				
		During Con Phase: (De Load)	nstruction mand	40 Kw					
		DG set as l back-up du constructio	Power 1ring on phase	100 kVa					
D		During Op phase (Cor load):	eration mected	4110 kw	4110 kw				
require	ement:	During Op phase (Der load):	eration nand	1682 kw					
		Transform	er:	NA					
		DG set as l back-up du operation	Power ıring phase:	1 No X 160 kVa					
		Fuel used:		Diesel					
		Details of I tension lin through th any:	high e passing e plot if	NA					
		48.Ene	rgy savi	ng by noi	n-co	nventional method:			
Use of T5, C LED light w Lifts with V	CFL Lights ith timer co FD Drives.	ntrol			Ś	S			
		49	9.Detail	calculati	ons	& % of saving:			
Serial Number	Е	nergy Cons	ervation Me	easures Saving %					
1		Total Ene	rgy Saving 2	4% 24%					
		50	Details	of polluti	ion c	control Systems			
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed			
Not applicable		Not	applicable			Not applicable			
Budgetary	allocation	Capital cos	st:	20.0 Lakh					
O&M	cost):	0 & M cost	t:	1.0 Lakh/ Year					
51	.Envir	onment	al Mar	nageme	nt j	plan Budgetary Allocation			
	SY	a) (Construc	tion pha	se (1	with Break-up):			
Serial Number	Attri	butes	Parar	neter		Total Cost per annum (Rs. In Lacs)			
1	Air Envi	ronment	Water Sr Sysi	orinkling tem		0.9			
2	Water En	ter Environment Water for c works an toil		Instruction I mobile 1.7 ets		1.7			
3	Noise Env	vironment	Site Bar	ricading		3.6			
4	Land env	vironment	Mobil	e STP		0.6			

K.S. Langets			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 94	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

5	Socio- economic environmentDisinfection- pest control				0.29						
6	Ex infras	ternal structure	Laydown of sewer upto municipa existing sewerlin	line l ne	2.0						
	b) Operation Phase (with Break-up):										
Serial Number	Component		Description		Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Water E	nvironment	STP			22.4			6.48		
2	Soli Man	d Waste agement	OWC			6.0			1.5		
3	Energy (Conservatio	n Electrical Savin	g		20.0			1.0		
4	Land E	nvironment	Landscaping			12.0			1.2		
5	Water E	nvironment	: RWH			13.0			0.26		
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)										
Descri	ption	Status	Location	Stor Capa in N	rage acity MT	Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applicable	No applio	ot cable	Not applicable	Not applicable		Not applicable	Not applicable	
			52.Any O	ther l	Info	rmation	1				
No Informa	tion Availa	ble		<u> </u>							
			53.Traff	ic Ma	anag	gement					
	Nos. of the junction to the main road & design of confluence:										
	SIL										



	Number and area of	NA			
	Number and area of	NA			
	Total Parking area:	2685.1 Sq m			
	Area per car:	12.50 sq. m.			
	Area per car:	12.50 sq. m.			
Parking details:	Number of 2- Wheelers as approved by competent authority:	638			
	Number of 4- Wheelers as approved by competent authority:	36			
	Public Transport:	PMPML buses, MSRTC buses, taxi etc.			
	Width of all Internal roads (m):	Minimum 6 M driveways proposed			
	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) Category: B			
	Court cases pending if any	No			
	Other Relevant Informations	NA			
	Have you previously submitted Application online on MOEF Website.	Yes			
	Date of online submission	17-03-2018			
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
2	Summorised i	n brief information of Project as below.			
	Brief informa	tion of the project by SEAC			
Environment Clearance for Amendment in Proposed group hosing scheme 'Aldea Annexo' on S. Nos. 12/16/1and 12/17/1 at village Mhalunge, Taluka Mulshi, District-Pune by M/s. Puranik Builders Pvt. Ltd.					
PP submitted their application for amendment in earlier Environmental clearance for total plot area of 12511 Sq. Mtrs, BUA of 27417.48 Sq. Mtrs and FSI area of 15260.43 Sq. Mtrs. PP proposes to construct 5 no. residential building.					

hote			Name: Kare Ani) D
K.s. Langot			Signature: Ach
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 96	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

DECISION OF SEAC

PP remains absent, hence committee decided to defer the proposal and consider a fresh.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for Proposed Residential Development "Marvel Basilo"

Is a Violation Case: No						
1.Name of Project	"Marvel Basilo" . P. Nos. 385 & 386, Plot No. 1, Sangamwadi T. P. Scheme, Ghorpadi, Dist- Pune, State- Maharashtra					
2.Type of institution	Private					
3.Name of Project Proponent	Marvel Sigma Homes Pvt Ltd.					
4.Name of Consultant	ULTRATECH					
5.Type of project	Housing					
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable					
8.Location of the project	At F. P. Nos. 385 & 386, Plot No. 1					
9.Taluka	Pune city					
10.Village	Pune					
Correspondence Name:	Vishwajeet Subash Jhavar					
Room Number:	NA					
Floor:	6th Floor					
Building Name:	Arthavishwa Bldg					
Road/Street Name:	Lane- No. 5					
Locality:	Koregaonpark					
City:	Pune					
11.Area of the project	Pune Municipal Corporation					
12 100 //0 //0	CC/0262/14					
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: CC/0262/14					
	Approved Built-up Area: 5377.02					
13.Note on the initiated work (If applicable)	Yes, We have constructed two building as per sanction received from PMC which is below 20,000 Sq. m. As per new rule FSI, TDR and paid FSI got increased due to which construction area cross threshold limit.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	6069.27 Sq. m					
16.Deductions	220.06 Sq. m (Road widening- 145.30 Sq. m, Encroachment - 74.76 Sq. m)					
17.Net Plot area	5849.21 Sq. m					
19 (a) Bronoced Puilt up Area (FSI S	a) FSI area (sq. m.): 11963.84 Sq. m					
Non-FSI)	b) Non FSI area (sq. m.): 14195.01 Sq. m					
	c) Total BUA area (sq. m.): 26158.85					
10 (b) Approved Puilt up area as per	Approved FSI area (sq. m.): 4272.18 Sq. m					
DCR	Approved Non FSI area (sq. m.): 10441.79 Sq. m					
	Date of Approval: 29-04-2014					
19.Total ground coverage (m2)	747.70 Sq. m					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	15%					
21.Estimated cost of the project	4900000					

22.Number of buildings & its configuration

K.S. Langets			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 98	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Serial number	Buildin	g Name & numb	er Nu	mber of floors	Height of the building (Mtrs)		
1		Building A	В	1+B2+P+17	52.35		
2		Building B	В	1+B2+P+17	52.35		
3		LIG Building		P+8	25.65		
23.Number tenants an	r of d shops	No. of Tenements	: 109				
24.Number expected re users	r of esidents /	Residential: 623 N	Nos.				
25.Tenant per hectar	density e	336 Tenant / hect	are				
26.Height building(s)	of the						
27.Right of (Width of t from the n station to t proposed h	f way che road earest fire che ouilding(s)	Nearest Fire Stat proposed building	ion at Yerawda & W g -16 m. wide road a	/idth of the road from th abutting to site	e nearest fire station to the		
28.Turning for easy ac fire tender movement around the excluding t for the plat	radius cess of from all building the width ntation	Turning radius fo	r easy access of fire	e tender movement from	all around the building is 9 m.		
29.Existing structure (J s) if any	Yes, We have con 20,000 Sq.m. As p area cross thresh	structed two buildin per new rule FSI, Ti old limit.	ng as per sanction receiv DR and paid FSI got incr	ved from PMC which is below reased due to which construction		
30.Details demolition disposal (I applicable)	of the with f	Not any					
		3	31.Product	ion Details			
Serial Number	Pro	duct Ex	isting (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not apj	plicable N	Not applicable	Not applicable	Not applicable		
		32.1	otal Water	r Requiremen	t		
52.10tal water Kequirement							

hote			Name: Kare Anii D
K.s. Langets			Signature: Ach-
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 99	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

		Source of wa	ter	РМС								
		Fresh water ((CMD):	56								
		Recycled wat Flushing (CM	er - ID):	28								
		Recycled wat Gardening (C	er - CMD):	9								
Swimming pool make up (Cum):				10	10							
Dry season: Requirement (CMD) :				103								
		Fire fighting Underground tank(CMD):	- l water	200								
		Fire fighting Overhead wa tank(CMD):	- ter	20								
		Excess treate	d water	31								
		Source of wa	ter	PMC								
		Fresh water	(CMD):	56								
		Recycled wat Flushing (CM	er - ID):	28	6							
		Recycled wat Gardening (C	er - CMD):	0								
		Swimming po make up (Cu	ool m):	10								
Wet seasor	1:	Total Water Requirement :	(CMD)	94								
		Fire fighting Underground tank(CMD):	- I water	200								
		Fire fighting Overhead wa tank(CMD):	ter	20								
		Excess treate	d water	39								
Details of S pool (If any	Swimming y)	 Main Pool (1 Kids Pool (1 Private pool Total water 1 Water require 	nos): 7.6 nos): 6.4 (5 nos): 8 Requirement for	m X 18.2 m X m X7 m X 0.6 .35 m X 3.15 ent in KL: 35 c make up in	K 1.2 m m 1 cum: 10							
	Gy	33.	Detail	s of Tota	l water co	nsume	dl					
Particula rs	Cons	umption (CM	D)	Ι	Loss (CMD)		Efi	fluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Fresh water requireme nt	0	56	56	0 6 6 0 50 50								
Domestic	0	28	28	0	0	0	0	28	28			
Gardening	0	9	9	0	0	0	0	0	0			

hote			Name: Kare Amil D
K.S. Langets			Signature: Dela
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 100	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

	Level of the Ground water table:	6.5 bgl Pre Monsoon & 5.5 bgl Post Monsoon						
	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:	2 nos.						
(RWH)	Size of recharge pits :	2 m X 2 m X 2 m below storm water Inlet level with 60 mtr Bore well						
	Budgetary allocation (Capital cost) :	2.0 Lacs						
	Budgetary allocation (O & M cost) :	0.25 Lacs						
	Details of UGT tanks if any :	NA						
	Natural water drainage pattern:	North to East						
drainage	Quantity of storm water:	62 m3/day						
	Size of SWD:	450 mm dia						
	Sewage generation in KLD:	78 KLD						
	STP technology:	MBBR						
Sewage and	Capacity of STP (CMD):	1 No. of 85 KLD						
Waste water	Location & area of the STP:	As per layout 46.12 m2						
	Budgetary allocation (Capital cost):	25 Lacs						
	Budgetary allocation (0 & M cost):	6.46 Lacs/annum						
7	36.Solie	d waste Management						
Waste generation in	Waste generation:	25 kg/day						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	within the site						
	Dry waste:	125 kg/day						
	Wet waste:	187 kg/day						
Waste generation	Hazardous waste:	not any						
in the operation Phase:	Biomedical waste (If applicable):	not any						
	STP Sludge (Dry sludge):	8 Kg/day						
	Others if any:	not any						

K.S. Langets			Name: Kare Ami D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 101	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

		Dry waste:		Handed ove	Handed over to authorized recyclers					
		Wet waste	0 0	Composting	Composting machine					
		Hazardous	waste:	not any						
Mode of I of waste:	Disposal	Biomedica applicable	l waste (If):	not any	not any					
	STP Sludg sludge):	e (Dry	Used as Ma	anure a	ıfter tı	reatment in (OWC.			
		Others if a	ny:	not any						
		Location(s):	As per layo	ut					
Area requirem	ent:	Area for th of waste & material:	e storage other	39.13 Sq. n	1					
		Area for m	achinery:	20						
Budgetary	allocation	Capital cos	st:	8.15 Lacs						
O&M cost)		0 & M cos	t:	5.97 lacs/ai	nnum					
			37.E	ffluent C	hare	cter	estics			/
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluen teresti	it .cs	Outlet I Charect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable	Not ap	plicabl	е	Not apj	plicabl	e	Not applicable
Amount of e (CMD):	effluent gene	eration	Not applie	applicable						
Capacity of	the ETP:		Not applie	olicable						
Amount of t recycled :	reated efflue	ent	Not applie	able						
Amount of v	water send to	o the CETP:	Not applie	applicable						
Membershi	p of CETP (if	f require):	Not applie	ot applicable						
Note on ET	P technology	to be used	Not applie	Not applicable						
Disposal of	the ETP sluc	lge	Not applie	able						
			38.H	azardous	Was	ste D	etails			
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable
			39.5	tacks em	issio	n D	etails			
Serial Number	Section	& units	Fuel U Qu	sed with antity	Stacl	s No.	Height from ground level (m)	Inte diam (n	rnal ieter n)	Temp. of Exhaust Gases
1	Not app	plicable	HSD 4	6.2 lit/hr	2 1	Jo.	2.5 Mtr above habitable space	125	mm	543 degree C
			40.D	etails of H	uel	to b	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed			Total
1		HSD		Not applicabl	e		HSD			HSD
41.Source of	of Fuel		Nea	rby pump						

		Name: Kart Amin D
		Signature: Ach
SEAC Meeting No: 67 Meeting Date: August 22,	Page 102	Shri. Anil Kale (Chairman
2018	of 137	SEAC-III)
	SEAC Meeting No: 67 Meeting Date: August 22, 2018	SEAC Meeting No: 67 Meeting Date: August 22, Page 102 2018 of 137

42.Mode of	Transportat	tion of fuel to	site By	v road					
Total RG area : No of trees to be			rea :	607 Sq. m					
43.Green Belt Development		No of trees to be cut : Number of trees to be planted : List of proposed native trees :		0	0				
				60					
				60					
		Timeline for completion plantation	or 1 of :	will be done	e at completi	on of projec	t		
	44.Nu	mber and	l <mark>list o</mark> i	f trees spe	cies to b	e plante	d in the ground		
Serial Number	Name of	the plant	Com	mon Name	Quar	ntity	Characteristics & ecological importance		
1	Albizzia	lebbeck	S	Shirish	1	0	Its uses include environmental management, forage, medicine and wood.		
2	Bahuinia Purpuria		Rakt	takanchan	1	0	Bauhinia trees typically reach a height of 6-12 m and their branchesspread 3-6 m outwards, flowering in late winter		
3	Azadirich	nta Indica	Neem			0	Neem products are believed by Siddha and Ayurvedic practitioners to be antihelmenthic, antifungal, antidiabetic, antibacterial, antiviral, contraceptive and sedative.		
4	Butea Mo	onosperma		Palas	10		It is used for timber, resin, fodder, medicine, and dye. The wood is dirty white and soft and, being durable under water, is used for well-curbs and water scoops.		
5	Syzgiun	n Cumini	J	ambhul	1	0	seeds are used in herbal teas for diabetes used by diabetes patients as it was thought to cure the same		
6 Pongamia Pinnata Kar			Karanj	1	0	Karanja is an important Ayurvedic medicine, used predominantly in skin diseases. Karanja twigs were used as tooth brush in ancient times.			
45	.Total qua	ntity of plan	ts on gro	ound					
46.Num	iber and	list of sh	rubs a	and bushes	s species	to be pl	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1	Not	applicable		Not applic	able		Not applicable		
				47.Eı	nergy				



		Source of supply :	of power	MSEDCL				
		During (Phase: (Load)	Construction (Demand	50 KW				
		DG set a back-up construe	as Power during ction phase	1 Nos. x 62	.5 kVA			
		During (phase ((load):	Operation Connected	1276 KW				
require	ement:	During (phase (I load):	Operation Demand	696 KW				
		Transfor	rmer:	1 X 630 kVA	ł			
		DG set a back-up operatio	as Power during on phase:	1 X 62.5 kV	A			
		Fuel use	ed:	H.S.D.				
		Details of tension through any:	of high line passing 1 the plot if	No				
		48. E	nergy savi	ng by no	n-convention	al method:		
Solar Energ Auto. Timer Electronic V Solar Water	y (PV Panel Logic Contr /VF drive for heater	s) coller c Lifts			,00			
			49.Detail	calculati	ons & % of s	aving:		
Serial	Energy Conservation Measures Saving %							
Number	E	nergy Co	onservation Me	easures		Saving %		
Number 1	E	Solar E	Energy (PV Pan	easures els)		Saving % 0.68 %		
Number 1 2	E	Solar E Auto. Tir	onservation Me Energy (PV Pan mer Logic Contr	easures els) roller		Saving % 0.68 % 2.48 %		
Number 1 2 3	E	Solar E Auto. Tin Electroni	Energy (PV Pan mer Logic Contr ic VVF drive for	easures els) roller r Lifts		Saving % 0.68 % 2.48 % 5.25 %		
Number 1 2 3 4	E	Solar E Auto. Tir Electroni Sola	Energy (PV Pan mer Logic Contr ic VVF drive for ar Water heater	easures els) roller r Lifts		Saving % 0.68 % 2.48 % 5.25 % 11.33 %		
Number 1 2 3 4	E	Solar E Auto. Tir Electroni Sola	Energy (PV Pan mer Logic Contr ic VVF drive for ar Water heater	easures els) roller : Lifts of pollut	ion control S	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems		
Number 1 2 3 4 Source	Ex	Solar E Auto. Tir Electroni Sola 5 isting po	Energy (PV Pan mer Logic Contr ic VVF drive for ar Water heater 50.Details	easures els) roller r Lifts of pollut l system	ion control S	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed		
Number1234SourceSewage	Ex	Solar E Auto. Tir Electroni Sola 5 isting po	Energy (PV Pan mer Logic Contr ic VVF drive for ar Water heater 50.Details blution contro Not applicable	easures els) roller r Lifts r of pollut: l system	ion control S	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP		
Number 1 2 3 4 Source Sewage Emmision	Ex	Solar E Auto. Tir Electroni Sola 5 isting po N N	Energy (PV Pand mer Logic Contr ic VVF drive for ar Water heater 50.Details blution contro Not applicable Not applicable	easures els) roller : Lifts of pollut l system	ion control S	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP DG set with stack		
Number 1 2 3 4 Source Sewage Emmision MSW	Ex	Solar E Auto. Tir Electroni Sola 5 isting po N N N N	Energy (PV Pan mer Logic Contr ic VVF drive for ar Water heater 50.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details	easures els) roller c Lifts of pollut l system	ion control S	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP DG set with stack OWC		
Number 1 2 3 4 Source Sewage Emmision MSW Budgetary (Capital	Ex allocation cost and	Solar E Auto. Tir Electroni Sola 5 isting po N N N N Capital o	Energy (PV Pane mer Logic Contr ic VVF drive for ar Water heater 50.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details	easures els) roller c Lifts of pollut: l system 19.42 Lacs	ion control S	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP DG set with stack OWC		
Number 1 2 3 4 Source Sewage Emmision MSW Budgetary (Capital O&M	Ex Ex allocation cost and cost):	Solar E Auto. Tir Electroni Sola Sola Sola Sola Sola Sola Sola Sola	Energy (PV Pan mer Logic Contr ic VVF drive for ar Water heater 50.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details	easures els) roller r Lifts of pollut l system 19.42 Lacs 1.17 Lacs	ion control S	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP DG set with stack OWC		
Number 1 2 3 4 Source Sewage Emmision MSW Budgetary (Capital O&M	Ex allocation cost and cost): .Envir(Solar E Auto. Tir Electroni Sola Sola Sola Sola Sola Sola Sola Sola	Energy (PV Pand mer Logic Contr ic VVF drive for ar Water heater 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details	easures els) roller : Lifts of pollut l system 19.42 Lacs 1.17 Lacs	ion control S	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP DG set with stack OWC Udgetary Allocation		
Number 1 2 3 4 Source Sewage Emmision MSW Budgetary (Capital O&M 51	Ex allocation cost and cost): .Enviro	Solar E Auto. Tir Electroni Sola 5 isting po N N N Capital O & M c DNMEI	Energy (PV Pand mer Logic Contr ic VVF drive for ar Water heater 50.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.	easures els) coller c Lifts of pollut: l system 19.42 Lacs 1.17 Lacs ageme ction pha	ion control S ion control S ent plan Buse (with Bre	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP DG set with stack OWC udgetary Allocation ak-up):		
Number 1 2 3 4 Source Sewage Emmision MSW Budgetary (Capital O&M 51	Ex allocation cost and cost): .Enviro	Solar E Auto. Tir Electroni Sola Sola 5 isting po N N N Capital O & M c O & M c DNMEI a	Energy (PV Pand mer Logic Contr ic VVF drive for ar Water heater 50.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.Details 60.	easures els) coller c Lifts of pollut l system 19.42 Lacs 1.17 Lacs ageme ction pha neter	ent plan Buse (with Bre	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP DG set with stack OWC Udgetary Allocation ak-up): Cost per annum (Rs. In Lacs)		
Number 1 2 3 4 Source Sewage Emmision MSW Budgetary (Capital O&M 51 Serial Number 1	Ex allocation cost and cost): .Enviro Attril Air Envi	Solar E Auto. Tir Electroni Sola Sola Sola Sola Sola Sola Sola Sola	ic VVF drive for ar Water heater 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details 50.Details	easures els) roller c Lifts of pollut: l system 19.42 Lacs 1.17 Lacs lageme ction pha neter	ion control S ion control S ent plan Buse (with Bre Total of	Saving % 0.68 % 2.48 % 5.25 % 11.33 % ystems Proposed to be installed STP DG set with stack OWC udgetary Allocation ak-up): Cost per annum (Rs. In Lacs) 1.08		

2	Water E	nvironment	Tanker v construct monit	water for ion Wate toring	r er			2.76			
3	Land E	nvironment	Site Sa		2.7						
4	Bio Envi:	logical ronment	Gard	ening				1.0			
5	Socio- Envi	Economic ronment	Disinfect Control Facilitie Check Up children protective	ion- Pes First Aid s Health Creche f Persona equipme	t l for ll ent	6.05					
			b) Operat	ion Pl	hase (wi	th Breal	k-up):			
Serial Number	Com	iponent	Descr	iption	Capi	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1		STP	treatment	of sewa	ge	25			6.46		
2	F	RWH	pi	its		2.0			0.25		
3	Land	lscaping	gard	ening		25.0			4.25		
4	Ele	ectrical	energy	saving		19.42			1.17		
5	(OWC	wet ga tretae	arbage ement		8.15			5.97		
6	Swimi	ming Pool	-	-		20.0			2.0		
7	Basemen and De	it ventilatior ewatering	1 -	-		6.0			2.0		
51.S	torage	e of ch	emicals	(infl	amabl	e/expl	osiv	/e/haz	zardou	s/toxic	
	5			sub	stance	es)					
Description Status		Locatio	Location St Ca in		Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation		
Not applicable Not applicable		Not applica	able	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable		
			52.A	ny Ot	her Info	ormation	1				
No Informa	tion Availa	ble									
		1	53.	Traffi	c Manag	gement					
	9	Nos. of t to the m design o confluer	he junction ain road & f nce:	Traffic road an	generated i nd proposed	from this pr l 18m wide l	oject v DP Ro	will conflu ad	ient on exis	ting 24m wide	



	Number and area of basement:	2 nos, having total area 5030.7 sqm		
	Number and area of podia:	0		
	Total Parking area:	6993.0 Sq. m		
	Area per car:	35		
	Area per car:	35		
Parking details:	Number of 2- Wheelers as approved by competent authority:	246		
	Number of 4- Wheelers as approved by competent authority:	204		
	Public Transport:	NA		
	Width of all Internal roads (m):	6 m wide		
	CRZ/ RRZ clearance obtain, if any:	Not applicable		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable		
	Category as per schedule of EIA Notification sheet	8(a)		
	Court cases pending if any	Not applicable		
	Other Relevant Informations	Not applicable		
	Have you previously submitted Application online on MOEF Website.	No		
	Date of online submission	-		
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS				
Summorised in brief information of Project as below.				
Brief information of the project by SEAC				



I

Environment Clearance for Proposed Residential Development "Marvel Basilo"at P. Nos. 385 & 386, Plot No. 1, Sangamwadi T. P. Scheme, Ghorpadi,Pune, by M/s.Marvcal Sigma Homes Pvt Ltd.

PP submitted their application for prior Environmental clearance for total plot area of 6069.27 Sq. Mtrs, BUA of 29071.7 Sq. Mtrs and FSI area of 12369.16 Sq. Mtrs. PP proposes to construct 3 no. residential building.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit the revised layout of SWD up to final chamber of municipal line.

2) PP to submit revised basement parking layout.

3) PP to submit cross section of ramp showing slop & width .

4) PP to submit revised parking statement.

5) PP to submit basement ventilation plan.

6) PP to submit site specific integrated waste management plan.

7) PP to submit debris management plan.

8) PP to submit CFO NOC.

9) PP to shift the location of UGT, and submit cross section through UGT with top of tank, and maintain some distance above the ground level.

10) PP to submit fire tender movement plan.

11) PP to submit revised EMP.

12) PP to submit water supply NOC.

13) 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.

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

K.S. Langets			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 107	Shri. Anil Kale (Chairman
SEAC-III)	2010	0,137	SEAC-III)

SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for Building Construction Project

Is a Violation Case: No					
1.Name of Project	50 Greens & 108 Green Heights				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Bhaven Bhaskarbhai Amen				
4.Name of Consultant	Mr. Rajesh Shrivastava				
5.Type of project	Housing Project				
6.New project/expansion in existing project/modernization/diversificatio in existing project	Not applicable				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable				
8.Location of the project	Gat No. 41, Beed Bypass, Aurangabad				
9.Taluka	Aurangabad				
10.Village	Satara				
Correspondence Name:	Mr. Bhaven Bhaskarbhai Amen				
Room Number:	-				
Floor:	-				
Building Name:	Ruchika Arcade				
Road/Street Name:	Opp Khadkeshwar Mandir				
Locality:	Khadekashwar				
City:	Aurangabad				
11.Area of the project	Corporation Area				
12 IOD/IOA/Concession/Dian	Aurangabad Municipal Corporation				
Approval Number	IOD/IOA/Concession/Plan Approval Number: 993/2010-2011				
	Approved Built-up Area: 45995.26				
13.Note on the initiated work (If applicable)	Construction Initiated for Buildings & Bunglows as per sanction plan. Notice u/s -5 of EIA Notification 2006 issued.				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	31713 Sqm				
16.Deductions	Nil				
17.Net Plot area	31713 Sqm				
	a) FSI area (sq. m.): 29882.20				
18 (a).Proposed Built-up Area (FSI (Non-FSI)	b) Non FSI area (sq. m.): 18142				
	c) Total BUA area (sq. m.): 48024.20				
	Approved FSI area (sq. m.): 29882.20				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 17894.60				
2011	Date of Approval: 16-12-2010				
19.Total ground coverage (m2)	9095				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	28.68 %				
21.Estimated cost of the project	491700000				
22.Number of buildings & its configuration					
Serial number Building Name &	a number Number of floors Height of the building (Mtrs)				
K.s. Langet	Name: Kore Amir D Signature:				

SEAC Meeting No: 67 Meeting Date: August 22, 2018

K.S.Langote (Secretary SEAC-III) Page 108 of 137

Shri. Anil Kale (Chairman SEAC-III)
1		Building 1			P+7		27		
2		Building 2			P+7		27		
3		Building 3		P+7			27		
4		Building 4			P+7		27		
5		Bunglows			G+1		7		
23.Number tenants an	r of d shops	of No. of Tenements- 158 No. of Shops- 0							
24.Number of expected residents / users Residential Users- 790 Nos Commercial Users- 0 Nos									
25.Tenant per hectar	density e	ensity 50 Tenement / hector							
26.Height building(s)	of the)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)							01		
28.Turning for easy ac fire tender movement around the excluding for the pla	28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the repettion								
29.Existing structure	g (s) if any	Yes							
30.Details demolition disposal (I applicable	of the with f	NA		S					
			31.P	roduct	ion Details	5			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/	M)	Total (MT/M)		
1	Not apj	plicable	Not app	olicable	Not applicable	e	Not applicable		
	32.Total Water Requirement								
	Si								

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 109 of 137	Name: Kare Amir D Signature: Journan Shri. Anil Kale (Chairman SEAC-III)
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		Source of	water	Aurangabad Municipal Corporation									
		Fresh wate	er (CMD):	76.68									
		Recycled w Flushing (vater - CMD):	35.55									
		Recycled w Gardening	vater - (CMD):	19.05									
		Swimming make up (0	pool Cum):	5.58									
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	131.28	131.28								
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	100									
		Fire fightin Overhead v tank(CMD)	ng - water):	-									
		Excess trea	ated water	63.21									
Source of water			water	Aurangabao	d Municipal (Corporation							
		Fresh wate	er (CMD):	76.68									
		Recycled w Flushing (vater - CMD):	35.55									
		Recycled w Gardening	vater - (CMD):	0.0									
		Swimming make up ((pool Cum):	5.58									
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	112.23									
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	100									
		Fire fightin Overhead y tank(CMD)	ng - water):	-									
		Excess trea	ated water	82.26									
Details of pool (If an	Swimming y)	Swimming]	pool = 15m 3	x 6.2m x 1.2r	n								
		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				



L	Level of the Ground water table:	13M					
S ti Q	Size and no of RWH cank(s) and Quantity:	NA					
L	Location of the RWH cank(s):	Collected in raw water tank					
34.Rain Water	Quantity of recharge pits:	6 Nos					
(RWH) S:	Size of recharge pits	2m x 2m x 3m					
E (f	Budgetary allocation (Capital cost) :	Rs. 3.90 Lacs					
E (f	Budgetary allocation (O & M cost) :	Rs. 0.16 Lac/Annum					
E if	Details of UGT tanks f any :	Domestic UG Tank Capacity = 107 Cum Flushing UG Tank Capacity = 28 Cum Fire UG Tank Capacity = 100 Cum					
N d	Natural water Irainage pattern:	North to south					
35.Storm water drainage	Quantity of storm water:	15856.5 Cum					
S	Size of SWD:	450 mm to 600 mm					
S	Sewage generation n KLD:	112.23 Cum					
S	STP technology:	MBBR					
O ()	Capacity of STP (CMD):	1 No. of 118 KLD					
Waste water	Location & area of the STP:	Shown on plan					
E (Budgetary allocation (Capital cost):	Rs.16 Lacs					
E (t	Budgetary allocation (O & M cost):	Rs.1.76 Lacs/ Annum					
	36.Soli	d waste Management					
Waste generation in V	Waste generation:	2.5 Kg/day					
the Pre Construction and Construction phase:	Disposal of the construction waste lebris:	Handed over to authorized agency					
E	Dry waste:	Rs. 158 Kg/day					
v	Wet waste:	Rs. 247.52 kg/day					
Waste concration	Hazardous waste:	Nil					
in the operation B Phase:	Biomedical waste (If applicable):	Nil					
S	STP Sludge (Dry sludge):	10.62					
C	Others if any:	Na					

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 111 of 137	Name: Kare Ami D Signature: Accord Shri. Anil Kale (Chairman SEAC-III)
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		Dry waste:		Handed ove	Handed over to authorized agency						
		Wet waste	:	In-situ com	In-situ composting						
		Hazardous	waste:	NA	NA						
Mode of D of waste:	isposal	Biomedica applicable	l waste (If):	NA							
		STP Sludge (Dry sludge):		In- situ Con	In- situ Composting						
		Others if a	ny:	NA	NA						
		Location(s):	Shown on H	Plan						
Area for of waste material		Area for th of waste & material:	e storage other	28 Sqm							
		Area for m	achinery:	Considered in above area.							
Budgetary a	llocation	Capital cos	st:	Rs. 5.22 La	CS						
(Capital cost):	t and	O & M cos	t:	Rs. 1 Lacs	/ Annur	n					
			37.E f	fluent C	hare	cter	estics				
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluen teresti	it .cs	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	Not app	olicable	Not applicable	Not ap	plicabl	е	Not apj	plicable	Not applicable		
Amount of effluent generation Not applic			plicable								
Capacity of the ETP: Not applied			able								
Amount of treated effluent Not applic			Not applica	able							
Amount of wa	ater send to	the CETP:	Not applica	able							
Membership	of CETP (if	require):	Not applica	able							
Note on ETP	technology	to be used	Not applicable								
Disposal of th	ne ETP slud	lge	Not applica	applicable							
			38.H a	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Total	Method of Disposal		
1	Not app	olicable	Not applicable	Not applicable	No applio	ot cable	Not applicable	Not applicabl	e Not applicable		
			39. S	tacks em	issio	n Do	etails				
Serial Number	Section	& units	Fuel Us Qua	sed with ntity	Stack	« No.	Height from ground level (m)	Interna diamete (m)	l r Temp. of Exhaust Gases		
1	Not applicable Not ap		plicable	No applio	ot cable	Not applicable	Not applicabl	e Not applicable			
			40.De	tails of H	uel 1	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed		Total		
1	Not	applicable	1	Not applicabl	le	Ν	lot applicabl	e	Not applicable		
41.Source of	Fuel		Not a	applicable							
42.Mode of T	ransportati	ion of fuel to	site Not a	applicable							

frote			Name: Kart Ami) D
K.s. Langet			Signature: Acla
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 112	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

		-								
		Total RG a	rea :	3175 Sqm						
		No of trees	s to be cut	Nil	Nil					
43.Green Belt		Number of be planted	f trees to l :	190 Nos	190 Nos					
Develop	ment	List of pro native tree	posed es :	Listed below	N					
	Timeline for completion o plantation :		or n of :	Before com	pletion of the project					
	44.Nu	mber and	l list of t	rees spe	cies to be planted	d in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Nyctanth tris	ies arbor- stis	Pari	atak	18	This Small tree has highly fragrant flowers those attract Bees and Butterflies, Fruits attract Birds.				
2	Ochna o	obtusata	Kanak (Champa	18	Native, this shrub has yellow fragrant flowers, Host plant for Butterflies.				
3	Murraya p	raya paniculatum Kamin		i/Kunti	18	Native to Western Ghats, this shrub has fragrant white flowers and dense foliage. It is a host plant for Butterflies.				
4	Manilkaı	ra zapota Chic		koo 16		This small tree attracts Birds and Bees. Edible Fruit.				
5	Citrus	us limon Len		non	18	This Shrub is used in everyday Cooking and acts as a host plant for Butterflies.				
6	Bauhinia	racemosa	Ац	ota	18	This Shrub is used in everyday Cooking and acts as a host plant for Butterflies.				
7	Mimuso	ps elengi	Ba	kul	18	Native, Evergreen Foliage and Flowering tree has dense branching, hence good for Wind screening. Flowers are deeply fragrant and attracts birds and Bees.				
8	Pongami	a pinnata	Kai	ranj	18	Native to Pune, this Deciduous White Flowering tree . Attracts Birds and Arboreal Mammals.				
9	Lagerstroe	mia reginae	Tarr	ihan	18	This Purple Flowering plant is the State flower of Maharashtra.				
10	Cassia	fistula	Bah	lava	16	This Flowering and Deciduous tree has beautiful Yellow chandeliers in Summers. Good perching site for Birds.				
11	Erythrina	ythrina variegata Pang		gara	14	This Flowering and Deciduous tree has beautiful Yellow chandeliers in Summers. Good perching site for Birds.				
45	.Total qua	ntity of plan	nts on grou	nd						
46.Nun	nber and	list of sl	hrubs an	d bushes	s species to be pla	anted in the podium RG:				

K.S. Langet			Name: Kare Ani) D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 113	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Serial Number		Name		C/C Dista	C/C Distance		Area m2			
1		NA		NA				NA		
47.Energy										
		Source of supply :	power	MSEDCL	MSEDCL					
		During Co Phase: (D Load)	During Construction Phase: (Demand Load)		60 KW					
		DG set as Power back-up during construction phase		30KVA	30KVA					
		During Oj phase (Co load):	peration nnected	2327.02 KV	V					
require	ement:	During O phase (De load):	peration emand	981.18 KVA	A					
		Transform	ner:	630 KVA- 2	Nos					
		DG set as back-up d operation	Power uring phase:	125 KVA- 1	No.					
		Fuel used	•	HSD						
		Details of tension li through t any:	high ne passing he plot if	NA						
		48.En	ergy savi	ng by no	n-coi	nvention	al metho	od:		
Common ar • LED for er • Solar Wat • Energy eff • Timer for • Energy sa	ea lighting s ntire Drive v er heating s ficient pump Staircase lig ving devices	such as park vay and inte ystem shall os. ghting, Lift I s for passen	ing, stairway rnal roads ar be provided Lobby, Parkir ger lifts.	rs, passages on nd pathways for entire sch ng area and s	etc sha neme as treet li	ll be provide s per norms ghts.	ed with LED	bulbs		
		4	9.Detail	calculati	ons a	& % of sa	aving:			
Serial Number	Е	nergy Con	servation M	easures Saving %						
1	Solar	water heate G	er, Solar stree eneration	et light & PV			(0.14 %		
		50	.Details	of pollut	ion c	ontrol S	ystems			
Source	Ex	isting poll	ution contro	ol system			Proposed	to be installed		
Not applicable		No	applicable				Not	applicable		
Budgetary	allocation	Capital co	ost:	Rs.36.90 La	acs					
O&M	cost):	0 & M co	st:	Rs.0.75 Lac	cs/Annu	ım				
51	.Envire	onmen	tal Mai	nageme	ent p	olan Bu	ıdgetaı	ry Allocation		
		a)	Constru	ction pha	nse (v	with Bre	ak-up):			
Serial Number	Attri	butes	Para	meter		Total (Cost per an	num (Rs. In Lacs)		
4										
K.S.Langote (Secretary SEAC Meeting No				b: 67 Meeting Date: August 22, Page 114 Signature:			Name: Kare Amir D Signature: Amir D Shri. Anil Kale (Chairman SEAC-III)			

1	Water for & I	construction Labour	Water Re	quiremer	nt	1.60					
2	Site Sa S	nitation & afety	Health	Health & Safety		1.60					
3	Envir Mor	onmental nitoring	Pollution Monitoring & control		g &	1.80					
4	Disi	nfection	Health a	& Safety					0.50		
5	Health	Check up	Health a	& Safety					0.50		
		k) Operat	ion Ph	nase	e (wi	th Brea	k-up):		
Serial Number	Com	ponent	Descr	iption		Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Rain Wate	er Harvesting	RWF	I Pits			3.90			0.16	
2	Sewage I	Treatment Plant	Waste wate	er treatm	ent		16.00			1.76	3
3	Organ Com	nic Waste posting	Solid manag	waste jement			5.22			1	
4	Tree I	Plantation	Land develo	Landscape development		15.00		1.15			
5	Energ	gy saving	Energy co	Energy conservation		36.90			0.75		
6	Envi: Mor	ronment nitoring	Pollution	Pollution control		0.00			1.80		
51.S	torag	e of che	micals	(infl sub	am sta	abl nce	e/expl es)	osiv	/e/haz	zardou	s/toxic
Descri	ption	Status	Locatio	n	Stor Capa in I	rage acity MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	able	N appli	ot cable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Otl	her	Info	rmation	l			
No Informa	tion Availa	ble									
			53.	Traffi	c Ma	anag	jement				
	Nos. of the junction to the main road & design of confluence: 1 Nos										



	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	9985.6
	Area per car:	12.5 Sqm
	Area per car:	12.5 Sgm
Parking details:	Number of 2- Wheelers as approved by competent authority:	316 nos
	Number of 4- Wheelers as approved by competent authority:	316 Nos
	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)
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
5	Summorised in	n brief information of Project as below.
	Brief informa	tion of the project by SEAC
Environment Cle Bypass, Auranga	earance for Build abad by 50 Green	ing Construction Project at Gat No. 41, Beed s & 108 Green Heights.

PP submitted their application for prior Environmental clearance for total plot area of 31713 Sq. Mtrs, BUA of 48024.20 Sq. Mtrs and FSI area of 29882.20 Sq. Mtrs. PP proposes to construct 4 no. residential building.

K.S. Langets			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 116	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

DECISION OF SEAC

PP remains absent, hence committee decided to defer the proposal and consider a fresh.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

Stiller Artimple



Agenda for 67 th Meeting of SEAC-3 (Day-4)

SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for " Orabelle " Survey No 122, Orabelle, Opp S. B Patil School, Near Basket Bridge, Ravet , Pune

Is a Violation Case: No

1.Name of Project	" Orabelle "				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Pankaj Yeola				
4.Name of Consultant	Goldfinch Engineering System Private Limited Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area, MIDC (Wagle Estate), Thane (W) - 400 604., Maharashtra, India. PH: 91-22-2580 1529/21/46 Accreditation No : NABET/EIA/1518/RA0066				
5.Type of project	Housing Project				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, EC obtained for 46355.65 sqm dated 21-02-2015				
8.Location of the project	Survey No 122, Orabelle, Opp S. B Patil School, Near Basket Bridge, Ravet , Pune				
9.Taluka	Haveli				
10.Village	Ravet				
Correspondence Name:					
Room Number:					
Floor:					
Building Name:					
Road/Street Name:					
Locality:	Ravet				
City:	Pimpri Chinchwad				
11.Area of the project	Pimpri Chinchwad Corporation				
	PCMC Plan Sanction				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Plan Approval Number: BP/Ravet/30/2017, Dated 31/03/2017				
	Approved Built-up Area: 57015.02				
13.Note on the initiated work (If applicable)	Yes, EC obtained for 46355.65 sqm dated 21-02-2015				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NO				
15.Total Plot Area (sq. m.)	21550.00 sq.mt.				
16.Deductions	5551.86 sq.mt.				
17.Net Plot area	15998.14 sq.mt.				
	a) FSI area (sq. m.): 29580.12 sq.mt.				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 27434.90 sq.mt.				
	c) Total BUA area (sq. m.): 57015.02				
	Approved FSI area (sq. m.): 29580.12 sq.mt.				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 27434.90 sq.mt.				
	Date of Approval: 31-03-2017				
19.Total ground coverage (m2)	3417.98 sq.mt.				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21.63%				
21.Estimated cost of the project	3000000				

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 118 of 137	Name: Kart Ani) D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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	22.Number of buildings & its configuration								
Serial number	Buildin	ig Name & i	number	Nu	mber of floors	s	Height of the building (Mtrs)		
1		A+B			P+12		35.70 m		
2		C+D			P+12		35.70 m		
3		E+F			P+11		32.72		
4		G+H			P+11		35.90		
23.Number tenants an	r of d shops	Tenements	– 508 nos Sh	ops = 30 No)S				
24.Number expected r users	r of esidents /	2697							
25.Tenant per hectar	density e	y 456.61/ha							
26.Height building(s)	of the)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)						service)			
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	9 m			.00	5			
29.Existing structure (g (s) if any	Yes , As per	prious EC						
30.Details of the demolition with disposal (If applicable)									
		1	31.P	roduct	ion Deta	ails			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (1	MT/M)	Total (MT/M)		
1	Not apj	plicable	Not app	olicable	Not applie	cable	Not applicable		
	32.Total Water Requirement								



		Source of	water	PCMC									
		Fresh wate	er (CMD):	231.74									
		Recycled w Flushing (vater - CMD):	118.2									
		Recycled w Gardening	vater - (CMD):	15.00	15.00								
		Swimming make up (pool Cum):										
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	364.94									
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	300									
		Fire fightin Overhead tank(CMD)	ng - water):	25 Each									
		Excess trea	ated water	181.74									
		Source of	water	PCMC									
		Fresh wate	er (CMD):	231.74									
		Recycled w Flushing (vater - CMD):	118.2									
		Recycled w Gardening	vater - (CMD):										
		Swimming make up (pool Cum):										
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	349.94									
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	300									
		Fire fightin Overhead tank(CMD)	ng - water):	25 Each									
		Excess trea	ated water	196.74									
Details of pool (If an	Swimming y)	Total Water	Requiremen	nt in KLD : 9	1.79								
		3	3.Detail	s of Tota	l water o	onsume	d						
Particula rs	Cons	sumption (C	EMD)	Loss (CMD) Effluent (D)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable				

	Level of the Ground water table:	2.5 To 5 m BGL						
	Size and no of RWH tank(s) and Quantity:	NO						
	Location of the RWH tank(s):	NO						
34.Rain Water	Quantity of recharge pits:	8 Nos						
(RWH)	Size of recharge pits :	1.5m X 1.5m X 1.5m						
	Budgetary allocation (Capital cost) :	4.00 Lacs						
	Budgetary allocation (O & M cost) :	1.00 Lacs						
	Details of UGT tanks if any :	Domestic UG tank Capacity :350KL Flushing UG tank Capacity :140KL Fire UG tank Capacity : 300KL						
	Natural water drainage pattern:	As per contour						
35.Storm water drainage	Quantity of storm water:	612.85 m3/hr						
	Size of SWD:	600 mm						
	Sewage generation in KLD:	315						
	STP technology:	MBBR						
Sewage and	Capacity of STP (CMD):	340						
Waste water	Location & area of the STP:	NW Of Plot						
	Budgetary allocation (Capital cost):	50.00 lacs						
	Budgetary allocation (O & M cost):	9.00 lacs						
	36.Solie	d waste Management						
Waste generation in	Waste generation:	NO						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NO						
	Dry waste:	508 kg						
	Wet waste:	762 kg						
Wasto concretion	Hazardous waste:	NA						
in the operation Phase:	Biomedical waste (If applicable):	NA						
- 14007	STP Sludge (Dry sludge):	41.20 kg						
	Others if any:	NA						

K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 121	Name: Kare Ami D Signature: Acada Shi. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Dry waste:			Dry waste will be sent for recycling to agency Swatch					Swatch		
Wet waste Hazardou		Wet waste	•	Wet waste will be converting to composting for by OWC						
		waste:	NA	NA						
Mode of a steed of wastee	Disposal	Biomedica applicable	l waste (If):	NA	NA					
		STP Sludg sludge):	e (Dry	STP sludge	sent to	o SW№	I site for con	verting in	to compost	
		Others if a	ny:	NA						
		Location(s):	N Of The P	lot					
Area requirem	ent:	Area for th of waste & material:	e storage other							
		Area for m	achinery:	50 m2						
Budgetary	allocation	Capital cos	st:	15.5 lacs						
(Capital co O&M cost)	st and	O & M cos	t:	1.84 lacs						
			37.Ef	fluent C	hare	cter	estics			
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluen teresti	t cs	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicable	Not ap	plicabl	9	Not apj	plicable	Not applicable	
Amount of effluent generation Not application			icable							
Capacity of the ETP: Not applica				able						
Amount of treated effluent Not applica			icable							
Amount of v	water send to	o the CETP:	Not applica	cable						
Membershi	p of CETP (if	f require):	Not applica	icable						
Note on ET	P technology	v to be used	Not applica	able						
Disposal of	the ETP sluc	lge	Not applica	ble						
			38.H a	azardous	Was	te D	etails			
Serial Number	Descr	iption	Cat	UOM	Exist	ting	Proposed	Total	Method of Disposal	
1	Not app	plicable	Not applicable	Not applicable	No applio	ot cable	Not applicable	Not applicable	e Not applicable	
			39.S	tacks em	issio	n De	etails			
Serial Number	Section & units		Fuel Us Qua	sed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not app	Not applicable Not ap			No applio	ot cable	Not applicable	Not applicable	e Not applicable	
			40.De	tails of H	Fuel 1	to be	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed		Total	
1	Not	applicable	1	Not applicabl	le	N	lot applicabl	e	Not applicable	
41.Source of	of Fuel		Not a	applicable						
42.Mode of	Transportat	ion of fuel to	site Not a	applicable						

hote			Name: Kart Ami) D
K.s. Langets			Signature: Jo-
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 122	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

		Total RG a	rea :	1777.57					
		No of trees	s to be cut	NA					
43.Gree	n Belt	Number of be planted	trees to	223					
Develop	ment	List of pro native tree	posed es :	List Given H	Below				
		Timeline for completion plantation	or 1 of :	1 Year Befo	re Complitio	n Of Work			
	44.Nu	mber and	l 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	Characteristics & ecological importance		
1	Manikar	ra zapota	Chi	koo	1	9	Tropical fruit tree & bird attracting tree		
2	Michelia	champaca	Cha	mpa	2	0	Evergreen timber plant, ornamental,		
3	Mimusopes elengi E		Ba	kul	18		Evergreen tree, timber yielding and medicinal plant		
4	Ficus be	Ficus benjamina Weep		ing fig	20		Evergreen & bird attracting tree		
5	Cassia	Cassia fistula Golde		shower	ver 18		Drought tolerant, ornamental & medicinal plant		
6	Butea mo	nosperma	Flam	e tree	20		Used in pesticide & dye preparation,		
7	Cassia	grandis	Pink s	hower	17		Drought tolerant, ornamental & medicinal plant		
8	Saraca	indica	Sita a	ashok	19		Evergreen medicinal plant		
9	Royston	ea regia	Royal	l palm	1	8	Nitrogen fixer, ornamental plant		
10	Syzygiur	n cumini	Jam	bhul	1	fruit tree & bird attracting			
11	Neolamark	ia cadamba	Kadam	ba tree	1	7	Tropical fruit tree & bird attracting tree		
12	Mangife	ra indica 🔪	Mang	o tree	1	9	Evergreen & bird attracting tree		
45	.Total qua	ntity of plan	ts on grou	nd					
46.Num	nber and	list of sl	rubs an	d bushes	s species	to be pla	anted in the podium RG:		
Serial Number	Name		C/C Dista	nce		Area m2			
1	Dura	nta erecta							
2	Dura	Duranta repens							
3	Neriu	Nerium oleander							
4	Neriu	ım oleander							
5	Neriu	ım oleander							
47.Energy									



		Source of supply :	f power	MSEDCL						
		During C Phase: (E Load)	onstruction Demand	30KW						
		DG set as back-up o construct	e Power luring tion phase	1 nos. x 40	1 nos. x 40 KVA					
		During O phase (Co load):	peration onnected	2470 KW (2	2745 KVA)					
require	ement:	During O phase (De load):	peration emand	1132 KW (1258 KVA)						
		Transform	ner:	22 KV /2 no	s. x 63	0 KVA				
		DG set as back-up o operation	e Power luring 1 phase:	1 nos. x 250 KVA + 1 nos. x125 KVA						
		Fuel used	l:	HSD						
	Details of high tension line passing through the plot if any:						JON			
48.Energy saving by non-conventional method:										
1 Solar Wat 2 Solar ligh 3 CFL & LE compound v 4 Auto Time Area Lights 5 Water Lev 6 To create Lights. 7 Energy Sa 8 Annual Sa	er Heating S ts will be pro D based ligh walls etc. er Switches w , for saving of vel Controlle awareness t aving Achiev avings with e	Systems Wi ovided for o ating will be will be prov electrical er ors with Tim to end cons ed per Day energy effic	ll Be Done For common amen e done in the o ided for Stree nergy. ners will be us umer or flat o - 27168 KWH ient equipmen	r Bathrooms. ities like Str common area et lights, Gar ed for Water wner, for usi I its is 7%	eet lig as, land den lig Pump ng ene	nting & Garo Iscape areas hts, Parking s. ergy efficient	den lighting. 5, signage's, 1 7 & staircase 5 light fitting:	Entry gates and boundary Lights & Other Common s like CFL, T5 Lamps & LED		
		L	19.Detail	calculati	ons	& % of s	aving:			
Serial Number	E	nergy Con	servation M	easures			Sa	Saving %		
1	TOTAL Ani	nual Saving Water & L	s in KWH for ED Lighting D	Solar Power Details	, Hot			7.00%		
		5	D.Details	of pollut	ion c	ontrol S	ystems			
Source	Ex	isting poll	ution contro	l system			Proposed	to be installed		
Not applicable	>	No	t applicable				Not	applicable		
Budgetary (Capital	allocation	Capital c	ost:	62.00 Lacks	5					
O&M	O&M cost: 0 & M cost: 1.24 Lacks / year									
51	.Enviro	onmen	tal Mar	nageme	ent j	olan Bu	ıdgetaı	ry Allocation		
a) Construction phase (with Break-up):								5		
Serial Number	Attri	butes	Para	neter		Total (Cost per ani	num (Rs. In Lacs)		
1	Wa	iter	Dust Sup	pression			0.	.7		
K.S.	Langet							Name: Kare Amir D Signature:		

K.s. Langer			Signature: Ach
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 124	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

2 Site Sanitation, Health Check Up & Safety			Health & Safety	7	1.0				
3	Envir Mo	ronmental nitoring	Air, Water, Noise S	Soil	0.4				
		h	o) Operation P	hase (wi	th Brea	k-up):			
Serial Number	Con	nponent	Description	Сар	ital cost Rs Lacs	s. In Opera	tional and cost (Rs. in	Maintenance Lacs/yr)	
1	Air, wate	er, Noise, Soil	Post Project Environment Monitoring		0		0.125	5	
2	I	Vater	Rainwater Harvest	ing	4.00		1.00)	
3	Was	stewater	Sewage Treatme Plant	nt	50.00		9.00		
4	Municipa	al Solid waste	Solid waste Management		15.50		1.81		
5	Pla	ntation	Landscaping		15.35		0.91		
6	E	nergy	Energy Savings		62.00		1.24		
51.5	otorag	e of che	sub	stance	e/expl es)	osive/ha	zardou	S/toxic	
Descri	Description		Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
	52.Any Other Information								
No Information Available									
53.Traffic Management									
	Nos. of the junction to the main road & design of confluence:No								



	Number and area of basement:	No					
	Number and area of podia:						
	Total Parking area:	12774.6 Sq.mt.					
	Area per car:	30.00 sq.mt.					
	Area per car:	30.00 sq.mt.					
Parking details:	Number of 2- Wheelers as approved by competent authority:	1055 Nos					
	Number of 4- Wheelers as approved by competent authority:	268 Nos					
	Public Transport:	Available near to side					
	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	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	SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS						
5	Summorised in brief information of Project as below.						
Brief information of the project by SEAC							



I

Environment Clearance for "Orabelle "Survey No 122, Orabelle, Opp S. B Patil School, Near Basket Bridge,Ravet, Pune by Mr. Pankaj Yeola.

PP submitted their application for expansion of earlier Environmental clearance for total plot area of 21550 Sq. Mtrs, BUA of 57015.02 Sq. Mtrs and FSI area of 29580.12 Sq. Mtrs. PP proposes to construct 4 no. residential building (wings).

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit six monthly compliance reports.

2) PP to submit comparative statement for all environmental parameters.

3) PP to submit revised RG drawing

4) PP to provide mandatory RG area on virgin land and submit the drawing with calculations and submit revised RG Drawing.

5) PP to submit statement showing parking requirement earlier & parking requirement now also indicate where the extra parking accommodate.

6) PP to submit copy of approved plan along with CC.

7) PP to submit revised Drainage NOC.

F.A.

8) PP to submit approved plan for slab provide for parking.

9) 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.

FINAL RECOMMENDATION

SEAC-III decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



Agenda for 67 th Meeting of SEAC-3 (Day-4)

SEAC Meeting number: 67 Meeting Date August 22, 2018

Subject: Environment Clearance for Environment Clearance for Building and Construction Project

Is a Violation Case: No					
1.Name of Project	Freedom Towers				
2.Type of institution	Private				
3.Name of Project Proponent	Motiwala Square				
4.Name of Consultant	M/s. Building Environment (I) Pvt.Ltd				
5.Type of project	Residential and 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	Plot bearing on CTS No. 15184/3, Akashwani Jalna Road				
9.Taluka	Aurangabad				
10.Village	Aurangabad				
Correspondence Name:	Mohammed Ashfaque Mohammed Siddique Motiwala				
Room Number:	NA				
Floor:	NA				
Building Name:	Freedom Tower				
Road/Street Name:	Near Akashwani, Jalna Road				
Locality:	Akashwani, Jalna road				
City:	Aurangabad				
11.Area of the project	Aurangabad Municipal Corporation (AMC)				
	Commencement Certificate issued by Aurangabad Municipal Corporation				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: AMC/Town planning section/ADTP/243/2018 on dated 21/05/2018				
	Approved Built-up Area: 24877.71				
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.)	24277.10 Sq.m.				
16.Deductions	4872.02 Sq.m.				
17.Net Plot area	18870.38 Sq.m.				
	a) FSI area (sq. m.): 38735.6				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 26533.19				
	c) Total BUA area (sq. m.): 65268.79				
	Approved FSI area (sq. m.): 24877.71				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): -				
	Date of Approval: 21-05-2018				
19.Total ground coverage (m2)	8035.27				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	42.58 %				
21.Estimated cost of the project	712800000				
33 N	har of huildings C its configuration				

22.Number of buildings & its configuration

K.S. Langets			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 128	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Serial number	Buildin	ng Name & i	number	Nu	mber of floors	Height of the building (Mtrs)				
1		A1 Type		L.P.	+ U.P. + P + 11	36.00				
2		А2 Туре		L.P.	+ U.P. + P + 11	36.00				
3		В1 Туре		L.P.	+ U.P. + P + 11	36.00				
4		В2 Туре		L.P.	+ U.P. + P + 11	36.00				
5		С Туре		L.P.	+ U.P. + P + 11	36.00				
6		D Type			P + G + 6	33.98				
7		D Type			P + G + 6	33.98				
23.Number tenants an	r of d shops	Residential	- 220 tenem	ents . Comm	ercial - 158 tenements	(28 Showrooms, 130 Offices)				
24.Number expected r users	r of esidents /	Residential	Residential - 1100 nos., Commercial - 1518 nos.							
25.Tenant per hectar	density e	1078	1078							
26.Height building(s)	of the)									
27.Right o (Width of the from	f way the road earest fire the ouilding(s)	18 m								
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	9 m								
29.Existing structure (g (s) if any	Existing Bu received da permission	ilt Up Area – ted 10.06.20 no CA/4039/	9283.39 Sq 03 permissi 77.	.m. (commercial buildi on no. 131/2003 and o	ng) Commencement certificate ccupancy certificate dated 30.11.2007				
30.Details demolition disposal (I applicable	of the with f)	NA								
	<u> </u>	G	31.P	roduct	tion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not ap	plicable	Not applicable Not applicable Not applicable							
32.Total Water Requirement										



		Source of	water	Aurangabao	d Municipal (Corporation					
		Fresh wate	er (CMD):	133.42 CM	D						
		Recycled w Flushing (vater - CMD):	99.00 CMD	99.00 CMD						
		Recycled w Gardening	vater - (CMD):	12.00 CMD							
		Swimming make up (pool Cum):	0.00							
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	233.33 CM	D						
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	300 CMD							
		Fire fightin Overhead tank(CMD)	ng - water):	120 CMD							
		Excess trea	ated water	88.19 CMD							
		Source of	water	Aurangabao	d Municipal (Corporation					
		Fresh wate	er (CMD):	133.42 CM	D						
		Recycled w Flushing (vater - CMD):	99.00 CMD							
		Recycled w Gardening	vater - (CMD):	0.00							
		Swimming make up (wimming pool ake up (Cum):								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	221.33 CM	D						
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	300 CMD							
		Fire fightin Overhead tank(CMD)	ng - water):	120 CMD							
		Excess trea	ated water	100.19 CMD							
Details of pool (If an	Swimming y)	NA									
33.Details				s of Tota	l water o	onsume	d				
Particula rs Consumption (CMD)				Loss (CMD)		Ef	fluent (CM	D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	Level of the Ground water table:	BGL 8 - 10 m				
	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:	4 nos.				
(RWH)	Size of recharge pits :	2.5 m x 2.5 m x 3 m				
	Budgetary allocation (Capital cost) :	12.00 lakhs				
	Budgetary allocation (O & M cost) :	1.20 lakhs / year				
	Details of UGT tanks if any :	Domestic : Residential : 160 CMD , Commercial : 50 CMD Firefighting : Residential : 250 CMD , Commercial : 50 CMD				
	Natural water drainage pattern:	East to south and West to South				
drainage	Quantity of storm water:	25.97 m3/day				
	Size of SWD:	200 mm				
	Sewage generation in KLD:	199.19				
	STP technology:	MBBR				
Sewage and	Capacity of STP (CMD):	2 nos. of STP 1. 140 KLD fo residential and 2. 70 KLD for commercial				
Waste water	Location & area of the STP:	On Ground Area for STP : 160 Sq.m.				
	Budgetary allocation (Capital cost):	140 KLD : 21.00 lakhs , 70 KLD : 16.50 lakhs				
	Budgetary allocation (O & M cost):	140 KLD : 7.43 lakhs/year, 70 KLD : 6.77 lakhs/year				
	36.Soli	d waste Management				
	Waste generation:	45 kg/day				
Waste generation in the Pre Construction and Construction phase:	Disposal of the construction waste debris:	This material shall be used for back filling and levelling of the plot and remaining will be disposed to authorized sites, • Construction debris:-construction waste will be partly reused for backfilling, counterweight of raft, road works and landscaping etc and partly disposed of to designed dumping site				
	Dry waste:	448 kg/day				
	Wet waste:	482 kg/day				
Waste generation	Hazardous waste:	NA				
in the operation Phase:	Biomedical waste (If applicable):	NA				
	STP Sludge (Dry sludge):	43.38				
	Others if any:	E Waste : 2068 kg/year				

K.S. Langets			Name: Kart Ami D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 131	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

		Dry waste:		Send to authorized vendor						
		Wet waste	:		Organic Waste Converter					
Mode of Disposal of waste:		Hazardous	waste:	:	-					
		Biomedica applicable	l waste):	e (If	-					
		STP Sludg sludge):	e (Dry		Used as a N	/lanure)			
		Others if a	ny:		E waste - S	end to	autho	rized recycle	er	
		Location(s	;):		On Ground					
Area requirem	ent:	Area for the stor of waste & other material:		ige	Residential: 48 Sq.m. & Commercial: 40 Sq.m.					
		Area for m	achine	ry:	0.65 Sq.mt	& 1.5	Sq.mt	per machine	<u>)</u>	
Budgetary	allocation	Capital cos	st:		23.75 Lakh	S				
(Capital co O&M cost)	st and :	0 & M cos	t:		4.82 lakhs/y	year				
			37	7.Ef	fluent C	hare	cter	estics		*
Serial Number	Paran	neters	Uni	it	Inlet E Charect	ffluer terest	nt ics	Outlet I Charect	Effluent cerestics	Effluent discharge standards (MPCB)
1	N	ΙA.	NA	1	N	IA		N	ΙA	NA
Amount of e (CMD):	effluent gene	eration	NA							
Capacity of	the ETP:		NA					3		
Amount of t recycled :	reated efflue	ent	NA							
Amount of v	vater send to	o the CETP:	NA							
Membershi	p of CETP (if	f require):	NA			7				
Note on ET	P technology	to be used	NA							
Disposal of	the ETP sluc	lge	NA							
			38	.Ha	zardous	Was	ste D	etails		
Serial Number	Descr	iption	Cat	t	UOM	Exis	ting	Proposed	Total	Method of Disposal
1	Ν	A	NA	L	NA	N	A	NA	NA	NA
		S	39	9.St	acks em	issio	on De	etails		
Serial Number	Section	& units	Fue	el Us Quai	ed with ntity	Stac	k No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1 DG 140 KVA Diesel - 26.			- 26.	07 liters/hr	í.	1	6 mt.	-	-
2 DG 82.5 KVA Diesel - 15.			23 liters/hr		1	6 mt.	-	-		
			40	.De	tails of F	^r uel	to be	e used		
Serial Number Type of Fuel				Existing			Proposed		Total	
1 Diesel					-		26.07	7 + 15.23 lite	ers/hr	41.3 liters/hr
41.Source of	of Fuel		1	NA					· · · · · · · · · · · · · · · · · · ·	
42.Mode of	Transportat	ion of fuel to	site 1	NA						

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 132 of 137	Name: Kare Apir D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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		Total RG area :		2334.46 Sq.m.						
		No of trees	s to be cut	NA	NA					
43.Gree	n Belt	Number of be planted	Number of trees to be planted :		188 Nos.					
Develop	ment	List of prog native tree	posed s:	Enclosed as	Annexure					
		Timeline for completion of plantation :		Before proj	Before project completion					
	44.Nu	mber and	l list of t	rees spe	cies to be plante	d in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	MIMUSOF	PS ELENGI	BAB	KUL	05	"SHADY TREE, SMALL WHITE FRAGRANT FLOWER"				
2	NEOLAN CADA	/IARCKIA AMBA	KADA	AMBA	08	FRUIT BEARING TREE ATTRACTS BIRDS				
3	PONGAMI	A GLABRA	INDIAN	BEECH	09	GOOD MEDICINAL USE				
4	BAUHINIA PURPURIA		RAKTA KANCHAN		07	"FRAGRANT FLOWERS OR LEAVES PLANT FOR POOJA EVERGREEN TREE"				
5	MICHELLIA CHAMAPAKA		SONCHAPA		10	"FLOWER BUTTERFLY HOST PLANT MEDIUM SIZE EVERGREEN TREE , FRAGRANT YELLOW "				
6	LAGERSTROMIA FLOSREGINA		JARUL		07	"CREATES SHADE ATTRACTS BIRDS/BUTTERFLIES/BEES GOOD FOR SCREENING"				
7	ALBIZIA LEBBECK		SHIRISH		10	"FRAGRANT FLOWERS OR LEAVES ATTRACTS BIRDS/BUTTERFLIES/BEES DROUGHT TOLERANT"				
8	MANGIFE	RA INDICA	MANGO		10	TALL EVERGREEN TREE WITH FRUIT BEARING				
9	ARTOC HETERO	CARPUS PHYLLUS	JACKI	FRUIT	06	TALL EVERGREEN TREE WITH FRUIT BEARING				
10	SYZYGIU	M CUMINI	JAM	IUN	05	TALL EVERGREEN TREE WITH FRUIT BEARING				
11	SARACA INDICA		SITA ASHOK		20	"FRAGRANT FLOWERS OR LEAVES ATTRACTS BIRDS/BUTTERFLIES/BEES DEEP-GREEN, SHINY FOLIAGE"				
12	BUTEA MONOSHERMA		PALAS		16	"FRAGRANT FLOWERS OR LEAVES FLOWERS COVERING THE ENTIRE CROWN PLANT FOR POOJA"				
13	AZADIF IND	RECHTA DICA	NE	EM	13	"PLANT FOR POOJA/EVERGREEN FRAGRANT FLOWERS OR LEAVES QUICK GROVING/INSECT REPELLENT"				
14	KHAYA GRANDIS		KH	AYA	08	EVERGREEN TREE				

K.S. Langets			Name: Kone Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 133	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

15	CASSIA	FISTULA GOLDEN S		SHOWER	09		"AUSPICIOUS ATTRACTS BIRDS/BEES/BUTTERFILES HANGING OR WEEPING GROWTH "		
16	CARYOT	A URENS FISH TAI		IL PALMS	38		TALL EVERGREEN TREE		
17	BOMBAX SEIBA COTTO			N TREE	07		"SHADY TREE, SMALL WHITE FRAGRANT FLOWER"		
45	45.Total quantity of plants on ground								
46.Number and list of shrubs and bushes species to be planted in the podium RG:									
Serial Number	Name			C/C Dista	C/C Distance Area m2				
1	JASMINUI	M AUICULAT	ГUM	0.45 M	1		80.55		
2	CESTRUN	4 NOCTURN	UM	0.45 N	1		92		
3	OCIMUM	TENUIFLOF	RUM	0.45 N	1		78.50		
4	PLUMBA	GO ZEYLAN	ICA	0.45 M	1		82.50		
5	NERIU	M OLIANDE	R	0.45 N	1		94.45		
6	TABERN DIV	IAEMONTAN /ARICATA	NA	0.45 M	1		74.00		
7	HYMENOC	ALLIS CARI	BAEA	0.30 N	0.30 M		89.95		
8	WADEL	IA TRILOBA	ГА	0.23 N	1		60.55		
9	JASMIN	IUM SAMBA	C	0.45 M 67.59					
				47.E	nergy	5			
		Source of supply :	power	MSEDCL					
		During Construction Phase: (Demand Load)		30 KW					
		DG set as Power back-up during construction phase		50 KVA X 1 NO.					
Pos	MOR	During Operation phase (Connected load):		3040 KW					
require	ement:	During Operation phase (Demand load):		1773 KW					
		Transformer:		630 VA X 3 NO. + 315 KVA X 1 NO.					
S		DG set as Power back-up during operation phase:		RESIDENTIAL 140 KVA X 1 NO., COMMERCIAL 82.5 KVA X 1 NO.					
		Fuel used:		DIESEL					
		Details of high tension line passing through the plot if any:		NO					
		48.Ene	ergy savi	ng by no	n-conver	ntional m	nethod:		
• T5 lamp & • LED type	 T5 lamp & Electronic Ballasts are proposed for parking areas. LED type of light source is proposed for common Lobby, Lounge, and Staircase area. Automatic time based controls are proposed for all outside lighting to course her switching result witching ON S. 								

Automatic time based controls are proposed for all outside lighting to save power by avoiding manual switching ON & OFF the lights.
Motion Sensors are proposed in Car Parking Areas & Lift lobbies.

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 67 Meeting Date: August 22, 2018	Page 134 of 137	Name: Kare Ani D Signature: Shri. Anil Kale (Chairman SEAC-III)
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49.Detail calculations & % of saving:									
Serial Number	Energy Conservation Measures					Saving %			
1	ADVANCED (LED) LIGHT FITTINGS					19491 KWH/ANNUM			
2	SOLAT PV FOR COMMON LIGHTING					9600 KWH/ANNUM			
3	% OF SAVING					27.53 %			
	50.Details of pollution control Systems								
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed			
AIR			-			Green belt will be provided.			
WATER			-			STP will be instal fl	lled & excess treated water used for lushing & gardening		
NOISE			-		Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.				
SOLID WASTE			-			Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to municipal corporation			
Budgetary	allocation	Capital cos	st: Substation - 90 La			Lakhs, DG - 8 Lakhs, Solar PV - 4.0 Lakhs			
(Capital O&M	cost and cost):	O & M cos	t: Substation - 4.5 L			Lakhs, DG - 0.8 Lakhs, Solar PV - 0.4 Lakhs			
51	.Enviro	onment	tal Mar	nageme	ent]	plan Budg	etary Allocation		
		a)	Construe	ction pha	se (with Break-u	p):		
Serial Number	Attri	butes	Parameter		Total Cost per annum (Rs. In Lacs)				
1	AIR		Erosion control - dust suppression measures and barricading		0.8 Lakh				
2	LA	ND	Site Sanitation –Mobile toilets			0.25 Lakh			
3	AIR,WATEF Bi	R,SOIL AND IO	Environmental Monitoring			0.9 Lakh			
4	SOCIO ECONOMIC		Disinfection- Pest Control First Aid Facilities Health Check Up Creches For Children Food for children Personal Protective Equipment		0.25 Lakh				
		b) Operat	ion Phas	e (w	ith Break-up):		
Serial Number	Comp	onent	Descr	iption	Cap	oital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Sewage T Pla	Treatment ant	2 nos. of ST KI	TP 140 & 70 LD		37.50	14.21		
2	Solid Manag	Solid waste 930 kg Management		g/day		23.75	4.82		
3	Rechar	rge pits	4 n	lOS.		12.00 1.20			
4	Lands	caping	188	trees		44.00	-		
5	Solar S	System	Use of Sola Hot V	r Panels for Vater.		4.0	0.4		

K.S.Langote K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 135	Name: Kare Ami D Signature: Acada Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

6	6 Environmental MOEF and MOEF and Iabora		pproved atory	oroved -			1.0				
51.Storage of chemicals				(infla	amabl	e/expl	osive/h	azardou	ıs/toxic		
	substances)										
Description		Status	Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumpti / Month i MT	on Source of Supply	Means of transportation		
NA	Į	NA	NA		NA	NA	NA	NA	NA		
			52. A	ny Oth	er Info	rmation	l				
No Informa	tion Availab	le									
			53.	Traffic	: Manag	Jement					
		Nos. of t to the m design o confluer	the junction aain road & of nce:	NA	NA						
		Number and area of basement:		2 nos. of basement ., Basement - 7218.34 Sq.mt., Lower Basement - 7284.77 Sq.mt.							
		Number and area of podia:		1 no. of Podium , 1225.30 Sq.mt.							
		Total Parking area:		20235.21 Sq.mt.							
		Area per car:		12.5 m							
		Area per car:		12.5 m							
Parking details:		Number of 2- Wheelers as approved by competent authority:		Scooter - 235 nos. , Cycle - 235 nos.							
		Number of 4- Wheelers as approved by competent authority:		Car - 191 nos.							
		Public Transport:		By local bus							
		Width of all Internal roads (m):		6 m							
	SY	CRZ/ RRZ clearance obtain, if any:		NA							
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		NA								
	Category as per schedule of EIA Notification sheet		Category B								
	Court cases pending if any		No								

K.S. Langets			Name: Kare Anii D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 67 Meeting Date: August 22,	Page 136	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 137	SEAC-III)

Other Releva Information	nt NA			
Have you pr submitted Application on MOEF We	viously nline bsite.			
Date of onlin submission	e -			

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Summorised in brief information of Project as below.

Brief information of the project by SEAC

Environment Clearance for Environment Clearance for Building and Construction Project at Plot bearing on CTS No. 15184/3, Akashwani Jalna RoadAurangabad by Freedom Towers.

PP submitted their application for prior Environmental clearance for total plot area of 24277.10 Sq. Mtrs, BUA of 65268.79 Sq. Mtrs and FSI area of 38735.6 Sq. Mtrs. PP proposes to construct 7 no. residential & commercial building.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF& CC circular dated 1/05/2018.

 ${\bf 2)}$ PP to submit energy saving calculations along with terrace area calculations.

3) PP to submit revised plan showing correct location of OWC.

4) PP to submit cross section through the internal road showing the space left for SWD, plantation of trees and compound wall.

FINAL RECOMMENDATION

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

