#### Agenda of 69 th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 69 Meeting Date August 30, 2018

Subject: Environment Clearance for construction project by M/s Garve Developments

Is a Violation Case: No	
1.Name of Project	Golden Treasure
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vinayak Kishor Garve
4.Name of Consultant	M/s JV Analytical Services
5.Type of project	Residential & Commercial project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	S.no 19/1/4 to 19/1/8, Kate Wasti Road
9.Taluka	Mulshi
10.Village	Punawale
Correspondence Name:	Mr. Vinayak Kishor Garve
Room Number:	S.no.136/1/A
Floor:	•
Building Name:	-
Road/Street Name:	Mumbai-Bangalore highway
Locality:	Opposite to sayaji hotel, Wakad
City:	Pune
11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)
	Yes
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Sanctioned No. B.P./ Punawale/30/2018 Dated : 29/05/2018
	Approved Built-up Area: 33274.35
13.Note on the initiated work (If applicable)	Total Constructed Built-up Area : 27908.01m2 ( FSI : 11781.90 m2+ Non-FSI :16126.11 m2 )
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	10080.51 m2
16.Deductions	2008.85 m2
17.Net Plot area	8071.66 m2
	a) FSI area (sq. m.): 14657.60
Non-FSI)	b) Non FSI area (sq. m.): 18616.75
	c) Total BUA area (sq. m.): 33274.35
10 (h) America d Duille and a second	Approved FSI area (sq. m.): 14657.60
DCR	Approved Non FSI area (sq. m.): 18616.75
	Date of Approval: 29-05-2018
19.Total ground coverage (m2)	1828.46
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.13 % of total plot area (10080.51m2) , 22.65 % of net plot area (8071.66 m2)
21.Estimated cost of the project	80000000

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

K.S. Langets			Name: Kare Ani D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 1 of	Shri. Anil Kale (Chairman
SEAC-III)	2018	120	SEAC-III)

Serial number	Buildin	ig Name & r	umber	Nu	mber of floo	rs	Height of the building (Mtrs)	
1		Wing - A			2P+11		38.90	
2		Wing - B			2P+11		38.90	
3		Wing - C			2P+11		38.90	
4	4 Commercial G+2 11.25							
23.Number tenants an	r of d shops	No. of Tene Shops : 03 M Offices: 06 M	ments: 254 1 Nos. Nos.	Nos.				
24.Number of expected residents / users Residential Users: 1270 Nos. Commercial Users: 54 Nos. Total User							al Users: 1324 Nos.	
25.Tenant per hectar	<b>density</b> e	251.97					6	
26.Height building(s)	of the )							
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)							<u> </u>	
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	Not Applica	ble					
30.Details of the demolition with disposal (If applicable) Not Applicable								
<b>31.Production Details</b>								
Serial Number	Pro	duct	Existing	(MT/M)	Proposed	(MT/M)	Total (MT/M)	
1 Not applicable Not applicable Not applicable Not applicable								
32.Total Water Requirement								

K.s. Langet			Name: Kare Ani D
			Signature. Jozef
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 2 of	Shri. Anil Kale (Chairman
SEAC-III)	2018	120	SEAC-III)

		Source of	water	Pimpri -Chi	nchwad Mur	nicipal Corpo	oration				
		Fresh wate	er (CMD):	178.88 m3/	day (One Tin	ne)					
		Recycled w Flushing (	vater - CMD):	58.50 m3/d	ay						
		Recycled w Gardening	vater - (CMD):	5.00 m3/da	у						
		Swimming make up (	pool Cum):	NA							
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	115.38 m3/	day						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	150.00 m3				6			
		Fire fightin Overhead y tank(CMD)	ng - water ):	70.00 m3							
		Excess trea	ated water	93.00 m3/d	ay						
		Source of	water	Pimpri -Chi	nchwad Mun	nicipal Corpo	oration				
		Fresh wate	er (CMD):	173.88 m3/	day (One Tin	ne)					
	Recycled water - Flushing (CMD):			58.50 m3/day							
	Recycled water - Gardening (CMD):				NA						
		Swimming make up (	pool Cum):	NA							
Wet season: Total Water Requirement (CMD) : Fire fighting - Underground water tank(CMD):				115.38 m3/day							
				150.00 m3							
Fire fighting - Overhead water tank(CMD):				70.00 m3							
Excess treated water				98.00 m3/day							
Details of pool (If an	Details of Swimming pool (If any) Not Applicable										
33.Details of Total water consumed											
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)	)	Ef	fluent (CM	D)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	Level of the Ground water table:	Summer Season – 18.67 m to 23.33 m BGL (21.00 m BGL) , Rainy Season – 5.00 m to 12.00 m BGL (8.50 m BGL) , Winter Season – 11.84 m to 17.67 m BGL(9.76 m BGL)					
	Size and no of RWH tank(s) and Quantity:	Not Applicable					
	Location of the RWH tank(s):	Not Applicable					
34.Rain Water Harvesting	Quantity of recharge pits:	05 Nos.					
(RWH)	Size of recharge pits :	$2.00\ m\ x\ 2.00\ m\ x\ 2.00\ m\ depth$ with $0.9\ m\ x\ 0.6m\ x\ 1.0\ m.$ De-siltation pit along with 60 m deep bore well.					
	Budgetary allocation (Capital cost) :	Rs. 10.00 Lakh					
	Budgetary allocation (O & M cost) :	Rs. 0.30 Lakh/year					
	Details of UGT tanks if any :	Domestic UGT Capacity : 172.50 m3 Flushing UGT Capacity : 58.50 m3 Fire UGT Capacity :150.00 m3					
25 Storm water	Natural water drainage pattern:						
drainage	Quantity of storm water:	97.28 m3 /day i.e. 4864.13 m3/year					
	Size of SWD:	600 mm					
	Sewage generation in KLD:	156.50 m3/day					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	01No175.00 m3/day					
Waste water	Location & area of the STP:	<u>}</u>					
	Budgetary allocation (Capital cost):	Rs. 18.00 Lakh					
	Budgetary allocation (O & M cost):	Rs. 9.05 Lakh/year					
36.Solid waste Management							
Waste generation in	Waste generation:	35 kg/day					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Use for Levelling					
	Dry waste:	262 kg/day					
	Wet waste:	387 kg/day					
Waste generation	Hazardous waste:	Not Applicable					
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable					
	STP Sludge (Dry sludge):	14.08 kg/day					
	Others if any:	-					

SFAC-III) 2018    120    SFAC-III)	K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30,	Page 4 of	Name: Kart Amir D Signature: Aclar Shri. Anil Kale (Chairman SFAC-III)
------------------------------------	-------------------------------------	--	-----------	---

	Dry waste:				Handed Ov	Handed Over to SWaCH					
	:		Organic Wa	iste Co	onverto	or					
		Hazardous	waste:		Not Applica	ble					
Mode of Disposal of waste:		Biomedica applicable	l waste ( ):	(If	Not Applica	Not Applicable					
		STP Sludg sludge):	e (Dry		Used as Ma	inure a	after tr	reatment in (	OWC.		
		Others if a	ny:		-						
		Location(s	):		-						
Area requirem	ent:	Area for th of waste & material:	e storag other	Je	50.00 m2	0.00 m2				A	
		Area for m	achinery	y:	included in	other	mater	ial area			
Budgetary	allocation	Capital cos	st:		Rs. 14.75 L	akh					
(Capital co O&M cost)	st and	O & M cos	t:		Rs. 3.10 La	kh/yea	r				
			37.	Ef	fluent Cl	hare	cter	estics			
Serial Number	Paran	neters	Unit		Inlet E Charect	ffluer eresti	it ics	Outlet I Charect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicab	ole	Not ap	plicabl	е	Not apj	plicabl	e	Not applicable
Amount of e (CMD):	effluent gene	eration	Not appl	lica	icable						
Capacity of the ETP: Not applica				ble							
Amount of treated effluent Not applicat				ıble							
Amount of v	vater send to	o the CETP:	Not app	lica	lble	5					
Membershi	p of CETP (if	f require):	Not app	lica	ble						
Note on ET	P technology	v to be used	Not app	lica	lble	ble					
Disposal of	the ETP sluc	lge	Not app	lica	ble						
			38.	Ha	zardous	Was	ste D	etails			
Serial Number	Descr	iption	Cat		UOM	Exis	ting	Proposed	То	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.Stacks emission Details											
Serial Number	Section & units		Us Juai	ed with ntity	Stac	k No.	Height from ground level (m)	Inte diam (n	rnal ieter n)	Temp. of Exhaust Gases	
1	DG Set - 125 KVA HSD-2			D-22	2 lit/hr.	S	- 1	4.68 m	As nor	per ms	-
			40.1	De	tails of F	uel	to be	e used			
Serial Number	Тур	e of Fuel			Existing	Existing		Proposed			Total
1		HSD			-			22 lit/hr.			22 lit/hr.
41.Source of	of Fuel		Bh	hara	at Petroleum	Corpo	oration	Limited or l	Hindus	stan Pe	etroleum
42.Mode of	Transportat	ion of fuel to	site By	y Ro	badway						

hote			Name: Kart Amil D
K.s. Langets			Signature: Ach-
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 5 of	Shri. Anil Kale (Chairman
SEAC-III)	2018	120	SEAC-III)

		Total RG a	rea :	963.56 m2					
43.Green Belt		No of trees :	No of trees to be cut :						
		Number of be planted	trees to :	150 Nos. (P	150 Nos. (Proposed to be planted-100 Nos & already planted-50Nos)				
Develop	ment	List of prop native tree	posed s :	-					
		Timeline for completion plantation	or 1 of :	-					
	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	Quar	ntity	Characteristics & ecological importance		
1	Aegle m	armelos	Be	eel	0	8	Medicinal Plant, Religious Plant		
2	Albizia	lebbeck	Shi	rish	0	8	Shady Tree, yellowish green fragrant flowers		
3	Annona r	reticulata	Ram	iphal	1	0	Fruit Plant, Medicinal Plant		
4	Anthoce cada	nthocephallus Ka cadamba Ka		amb	0	8	Shady, large tree, ball shaped flowers		
5	Azadirach	chta Indica Kadu		nimba	08		Semi Evergreen, Medicinal Plant		
6	Bauhinia	nia racemosa Ka		chan 08		8	Flowering Plant, Medicinal Plant		
7	Cassia	Cassia fistula		Bahava		8	Medium deciduous tree, yellow flowers		
8	Erythrina	rina variegata Pan		gara	jara 08		Medium deciduous tree, Bright scarlet flowers		
9	Ficus e	elastica	Ra	par 10		0	Medicinal Plant		
10	Mangife	ra Indica	Aar	nba	ba 08		Fruit Plant, Medicinal Plant		
11	Mesua	a ferra	Nagk	eshar	08		Flowering Plant, Medicinal Plant		
12	Michelia o	champaka	Pivla	Chafa	08		Flowering Plant, Medicinal Plant		
13	Nyctanth tris	Nyctanthes arbor- tristis		ijatak 0		8	Fast growing tree, Flowering Plant, Medicinal Plant		
14	Pongami	Pongamia pinnata Kai		aranj		ata Karanj 08		8	Ornamental Plant, Medicinal Plant, Shady tree
15	Prosopis	cineraria	Sha	ami	0	8	Medicinal Plant, Religious Plant		
16	Saraca	Indica	Sita A	Ashok	0	8	Shady tree with red-yellow flowers, Medicinal Plant		
17	Syzygiur	n cumini	Jam	bhul	1	0	Fruit Plant, Medicinal Plant		
18	Tamarind	lus Indica	Chi	nch	0	8	Fruit Plant, Medicinal Plant		
45	.Total quar	ntity of plan	ts on grou	nd					
46.Num	nber and	list of sh	rubs an	d bushes	s species	to be pl	anted in the podium RG:		
Serial Number		Name		C/C Dista	C/C Distance		Area m2		
1				-			-		
47.Energy									



		Source of power supply :	MSEDCL. (Mahar	rashtra State Of Electricity Distribution Company Ltd.)	
		During Construction Phase: (Demand Load)	30 KW		
		DG set as Power back-up during construction phase	01 No 40 KVA		
Por	wor	During Operation phase (Connected load):	1370 KW		
require	ement:	During Operation phase (Demand load):	702 KW	C_	
		Transformer:	01No. x 630 KVA	& 01 No. x 315 KVA	
		DG set as Power back-up during operation phase:	01No. x 125 KVA		
		Fuel used:	HSD - 22 lit/hr.		
		Details of high tension line passing through the plot if any:	No	000	
		48.Energy savi	ng by non-co	nventional method:	
- Generally - Electronic general ligh - The estima	we have pro Ballasts and uting with au ated saving i	posed high efficiency tra l Energy efficient lamp so tomatic time based contr n common lighting consu	nsformer, motors e ource either tropos rol to save power b umption is up to 18	etc. to reduce losses. sphere or LED are proposed for common area & by switching ON & OFF the lights at appropriate time. 5.5 % due to adopting above measures.	
49.Detail calculations & % of saving:					
		49.Detail	calculations	& % of saving:	
Serial Number	E	49.Detail	calculations easures	& % of saving: Saving %	
Serial Number 1	E Provision areas (	<b>49.Detail</b> nergy Conservation Mo of LED light fitting Provi- parking, staircases, plan	calculations easures sion for common at rooms etc.)	& % of saving: Saving % 39113 KWH/Year	
Serial Number 1 2	E Provision areas ( Provision g	49.Detail nergy Conservation Mo of LED light fitting Provi- parking, staircases, plar of LED light fitting for la arden &, other landscape	calculations easures sion for common at rooms etc.) indscape areas ( e area .)	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year	
Serial Number 1 2 3	E Provision areas ( Provision g Provisio	49.Detail nergy Conservation Mo of LED light fitting Provi- parking, staircases, plan of LED light fitting for la arden &, other landscape on of LED lamp for SOLA	calculations easures sion for common at rooms etc.) andscape areas ( e area .) R Street Light	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 7008 KWH/Year	
Serial Number 1 2 3 4	E Provision areas ( Provision g Provisio Provisio	49.Detail nergy Conservation Mo of LED light fitting Provi- parking, staircases, plar of LED light fitting for la arden &, other landscape on of LED lamp for SOLA n of LED light fitting Pro House	calculations easures sion for common th rooms etc.) indscape areas ( e area .) R Street Light vision for Club	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 7008 KWH/Year 2365 KWH/Year	
Serial Number 1 2 3 4 5	E Provision areas ( Provision g Provisio Provisio En	49.Detail nergy Conservation Mo of LED light fitting Provi- parking, staircases, plar of LED light fitting for la arden &, other landscape on of LED lamp for SOLA n of LED light fitting Pro House ergy saving by solar wate	calculations easures sion for common at rooms etc.) indscape areas ( e area .) R Street Light vision for Club er heater.	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 7008 KWH/Year 2365 KWH/Year 476250 KWH	
Serial Number           1           2           3           4           5	E Provision areas ( Provision g Provisio Provisio En	49.Detail nergy Conservation Mo of LED light fitting Provi- parking, staircases, plar of LED light fitting for la arden &, other landscape on of LED lamp for SOLA n of LED light fitting Pro House ergy saving by solar wate 50.Details	calculations easures sion for common at rooms etc.) andscape areas ( e area .) R Street Light vision for Club er heater. of pollution o	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 7008 KWH/Year 2365 KWH/Year 476250 KWH	
Serial Number           1           2           3           4           5           Source	E Provision areas ( Provision g Provisio Provisio En	49.Detail nergy Conservation Mo of LED light fitting Provi- parking, staircases, plan of LED light fitting for la arden &, other landscape on of LED lamp for SOLA n of LED light fitting Pro House ergy saving by solar wate 50.Details	calculations easures sion for common ht rooms etc.) andscape areas ( e area .) R Street Light vision for Club er heater. of pollution of l system	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 2037 KWH/Year 2365 KWH/Year 2365 KWH/Year 476250 KWH	
Serial Number 1 2 3 4 5 5 Source Air	E Provision areas ( Provision Provisio Provisio En Ex F	49.Detail nergy Conservation Mo of LED light fitting Provi- parking, staircases, plar of LED light fitting for la arden &, other landscape on of LED lamp for SOLA n of LED light fitting Pro House ergy saving by solar wate 50.Details isting pollution contro	calculations easures sion for common at rooms etc.) andscape areas ( e area .) R Street Light vision for Club er heater. of pollution ( l system npleted	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 2037 KWH/Year 20365 KWH/Year 2365 KWH/Year 476250 KWH	
Serial Number 1 2 3 4 5 5 Source Air Water	E Provision areas ( Provision Provisio Provisio En En	49.Detail nergy Conservation Me of LED light fitting Provi- parking, staircases, plan of LED light fitting for la arden &, other landscape on of LED lamp for SOLA n of LED light fitting Pro House ergy saving by solar wate <b>50.Details</b> isting pollution contro	calculations easures sion for common at rooms etc.) andscape areas ( e area .) R Street Light vision for Club er heater. of pollution ( l system npleted	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 2037 KWH/Year 2008 KWH/Year 2365 KWH/Year 2365 KWH/Year 476250 KWH Proposed to be installed Remaining green belt will be completed after construction. STP will be installed & excess treated water used for flushing & gardening	
Serial Number 1 2 3 4 5 5 Source Air Water Noise	E Provision areas ( Provision Provisio Provisio En Ex F	49.Detail nergy Conservation Me of LED light fitting Provi- parking, staircases, plan of LED light fitting for la arden &, other landscape on of LED lamp for SOLA n of LED light fitting Pro House ergy saving by solar wate 50.Details isting pollution contro Part tree plantation is cor	calculations easures sion for common at rooms etc.) andscape areas ( e area .) R Street Light vision for Club er heater. of pollution ( l system npleted	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 2037 KWH/Year 2035 KWH/Year 2365 KWH/Year 476250 KWH Control Systems Proposed to be installed Remaining green belt will be completed after construction. STP will be installed & excess treated water used for flushing & gardening Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.	
Serial Number 1 2 3 4 5 5 Source Air Water Noise Solid Waste	E Provision areas ( Provision Provisio Provisio En Ex F	49.Detail nergy Conservation Me of LED light fitting Provis parking, staircases, plan of LED light fitting for la arden &, other landscape on of LED lamp for SOLA n of LED light fitting Pro House ergy saving by solar wate 50.Details isting pollution contro Part tree plantation is cor - nonitoring has done in or	calculations easures sion for common at rooms etc.) andscape areas ( e area .) R Street Light vision for Club er heater. of pollution ( l system npleted	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 2037 KWH/Year 2035 KWH/Year 2365 KWH/Year 2365 KWH/Year 476250 KWH Control Systems Proposed to be installed Remaining green belt will be completed after construction. STP will be installed & excess treated water used for flushing & gardening Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed. Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC	
Serial Number 1 2 3 4 5 Source Air Water Noise Solid Waste Budgetary	E Provision areas ( Provision g Provisio Provisio En Ex F	49.Detail nergy Conservation Me of LED light fitting Provie parking, staircases, plan of LED light fitting for la arden &, other landscape on of LED light fitting Pro House ergy saving by solar wate 50.Details isting pollution contro Part tree plantation is cor - capital cost:	calculations easures sion for common th rooms etc.) andscape areas ( e area .) R Street Light vision for Club er heater. of pollution of l system npleted ace a fortnight Rs. 35.80 Lakh	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 2037 KWH/Year 2365 KWH/Year 2365 KWH/Year 476250 KWH Control Systems Proposed to be installed Remaining green belt will be completed after construction. STP will be installed & excess treated water used for flushing & gardening Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed. Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC	
Serial Number 1 2 3 4 5 5 Source Air Water Noise Solid Waste Budgetary (Capital O&M	E Provision areas ( Provision g Provisio Provisio En Ex F Noise n allocation cost and cost):	49.Detail nergy Conservation Me of LED light fitting Provi- parking, staircases, plan of LED light fitting for la arden &, other landscape on of LED light fitting Pro House ergy saving by solar wate 50.Details isting pollution contro Part tree plantation is cor - Capital cost: 0 & M cost:	calculations easures sion for common at rooms etc.) andscape areas ( e area .) R Street Light vision for Club er heater. of pollution of l system npleted ace a fortnight Rs. 35.80 Lakh Rs. 1.02 Lakh/yea	& % of saving: Saving % 39113 KWH/Year 2037 KWH/Year 2037 KWH/Year 2035 KWH/Year 2365 KWH/Year 476250 KWH Control Systems Proposed to be installed Remaining green belt will be completed after construction. STP will be installed & excess treated water used for flushing & gardening Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed. Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC	

1. SE			Name: KOTE Amil D
K.S. Langets			Signature:
			Signature. Asentina
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 7 of	Shri. Anil Kale (Chairman
SEAC-III)	2018	120	SEAC-III)
,			

51	51.Environmental Management plan Budgetary Allocation								
a) Construction phase (with Break-up):									
Serial Number	Attributes	Parameter		Total	C <mark>ost per annu</mark>	m (Rs. In I	Lacs)		
1	Air Environment	Water for Dust Suppression, Air Noise Monitoring	& g		0.50 Lakh,	/Year			
2	Water Environment	Tanker Water fo Construction, Wat Monitoring	r ær		0.50 Lakh,	/Year			
3	Land Environment	Site Sanitation -Mobile toilets			0.50 Lakh,	Year			
4	Socio-economic	Disinfection- Pes Control, First Aid Facilities, Healtl Check Up, Creche For Children, Food children, Persona Protective Equipm	t d n es for al ent	1.00 Lakh/Year					
	b) Operation Phase (with Break-up):								
Serial Number	Component	Description	Сар	ital cost Rs Lacs	. In Opera C	tional and ost (Rs. in	Maintenance Lacs/yr)		
1	1.	STP		18.00	9.05				
2	2.	RWH	6	10.00	0.30				
3	3.	OWC		14.75		3.10			
4	4.	Solar System		35.80		1.02			
5	5.	Landscaping		9.50		0.90	)		
6	6.	Excess treated wa pumping	ter	5.50		1.14			
7	7.	Safety Equipmen	ts	10.00		2.00	)		
8	8.	Post EC Monitorii	ng	-		2.50			
9	8.	Dry Waste Management		-			1.52		
51.S	torage of che	emicals (infl	amab	le/expl	osive/ha	zardou	s/toxic		
		sub	stance	es)					
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 app	Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable								
		52.Any Ot	her Info	ormation	1				
No Informa	tion Available								
		53.Traffi	c Mana	gement					

K.S.Langote (Secretary<br/>SEAC-III)SEAC Meeting No: 69 Meeting Date: August 30,<br/>2018Page 8 of<br/>120Name: Kare Amin D<br/>Signature: August 30,<br/>Shri. Anil Kale (Chairman<br/>SEAC-III)

	Nos. of the junction to the main road & design of confluence:	-			
	Number and area of basement:	Not Applicable			
	Number and area of podia:	1 No Area Included in Total Parking Area			
	Total Parking area:	7660.58			
	Area per car:	58.92			
	Area per car:	58.92			
Parking details:	Number of 2- Wheelers as approved by competent authority:	517			
	Number of 4- Wheelers as approved by competent authority:	130			
	Public Transport:	Not Applicable			
	Width of all Internal roads (m):	6.00			
	CRZ/ RRZ clearance obtain, if any:	Not Applicable			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable			
	Category as per schedule of EIA Notification sheet	B2			
	Court cases pending if any	Not Applicable			
	Other Relevant Informations	-			
	Have you previously submitted Application online on MOEF Website.	Yes			
9	Date of online submission	10-05-2015			
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>			
	Summorised i	n brief information of Project as below.			
Brief information of the project by SEAC					

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 9 of 120	Name: Ka?e Ami) D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	------------------	---

# Environment Clearance for construction project at S.no 19/1/4 to 19/1/8, Kate Wasti Road by M/s Garve Developments.

PP submitted their application for Expansion of Environmental clearance for total plot area of 10080.51 Sq. Mtrs, BUA of 33963.46 Sq. Mtrs and FSI area of 14688.21 Sq. Mtrs. PP proposes to construct 3 no. residential building(wings) & 1 commercial building.

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

## **DECISION OF SEAC**

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

**Specific Conditions by SEAC:** 

PP to submit revised consolidated statement considering commercial building details.
 PP to submit undertaking for implementation of CER.

Sil

#### FINAL RECOMMENDATION

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



#### Agenda of 69 th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 69 Meeting Date August 30, 2018

Subject: Environment Clearance for Proposed Residential & Commercial Project

Is a Violation Case: No						
1.Name of Project	Proposed Residential Project					
2.Type of institution	Private					
<b>3.Name of Project Proponent</b>	Mr. Sandeep Shankarrao Satav , Partner					
4.Name of Consultant	Pollution and Ecology Control Services, Near Dhantoli Police Station, Dhantoli, Nagpur. NABET Accredition No. 110					
5.Type of project	Housing Project					
6.New project/expansion in existing project/modernization/diversification in existing project	New Project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No					
8.Location of the project	S. No. 19, Village Khadakwasla, Taluka- Haveli,Dist- Pune					
9.Taluka	Haveli					
10.Village	Khadakwasla					
Correspondence Name:	Mr. Sandeep Shankarrao Satav					
Room Number:	104					
Floor:	1st					
Building Name:	Sai Siddhi					
Road/Street Name:	Behind Congress Bhavan					
Locality:	Shivaji Nagar					
City:	Pune					
11.Area of the project	Other Area					
	IOD/IOA					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: BHA/Cr. No. 1090/17-18/Mouja Khadakwasla / S. No. 19/3/3B/2A & Others dated 28/03/18					
	Approved Built-up Area: 12257.55					
13.Note on the initiated work (If applicable)	No Work initiated					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	No					
15.Total Plot Area (sq. m.)	11800 Sqm					
16.Deductions	278.78 Sqm					
17.Net Plot area	11521.22 Sqm					
	a) FSI area (sq. m.): 14370.33					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 11434.22					
	c) Total BUA area (sq. m.): 25804.55					
	Approved FSI area (sq. m.): 14020.3					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 9148.49					
	Date of Approval: 28-03-2018					
19.Total ground coverage (m2)	2888.02					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26					
21.Estimated cost of the project	40000000					

# 22.Number of buildings & its configuration

K.S. Langets	SEAC Monting No. 60 Manting Data: August 20	Page 11	Name: Kare Amil D Signature:
K.S.Langole (Secretary	SEAC Meeting No: 09 Meeting Date: August 50,	rage 11	Sint. Ann Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

Serial number	Buildin	ıg Name & nı	umber	Nu	mber of floors		Height of the building (Mtrs)	
1		А			P+P+09	+P+09 30.9		
2	В				P+P+08		28	
3		С			P+P+07		25.1	
4		D			P+P+07		25.1	
5	Ar	nenity Buildin	g		G+4		14.95	
6		Club House			G+1		6.45	
23.Number tenants an	r of d shops	No. of Tenen No. of Shops-	ts- 231 - Shops of (	Commercial .	Area			
24.Number expected r users	r of esidents /	Expected Res	sidents- 115	55 Expested	Users- 205		6	
25.Tenant per hectar	density e	201						
26.Height building(s)	of the )							
27.Right o (Width of the from	f way the road earest fire the ouilding(s)	24 M				0		
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9 M			2.00	9		
29.Existing structure	J (s) if any	No		$\langle \rangle$	*			
30.Details demolition disposal (I applicable	of the with f	No						
			31.P	roduct	ion Deta	ils		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (M	IT/M)	Total (MT/M)	
1	Not ap	plicable	Not app	olicable	Not applica	able	Not applicable	
32.Total Water Requirement								



		Source of	water	Grampanch	ayat							
		Fresh wate	er (CMD):	104.5	104.5							
		Recycled w Flushing (	vater - CMD):	52.6	52.6							
		Recycled w Gardening	vater - (CMD):	10								
		Swimming make up (	pool Cum):	0								
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	166.65								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	100				6				
		Fire fightin Overhead tank(CMD)	ng - water ):	105								
		Excess trea	ated water	78.39								
		Source of	water	Grampanch	ayat							
		Fresh wate	er (CMD):	104.5								
		Recycled w Flushing (	vater - CMD):	52.6								
		Recycled w Gardening	vater - (CMD):	0								
		Swimming make up (	pool Cum):	0								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	156.65								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	100								
		Fire fightin Overhead tank(CMD	ng - water ):	105								
		Excess trea	ated water	88.39								
Details of Swimming pool (If any)												
33.Details				s of Tota	l water o	onsume	d					
Particula rs	Cons	sumption (C	CMD)	Loss (CMD) Effluent (CMD)					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:	17.5					
	Size and no of RWH tank(s) and Quantity:	Not Proposed					
	Location of the RWH tank(s):	Not Applicable					
34.Rain Water	Quantity of recharge pits:	8.82 cum					
(RWH)	Size of recharge pits :	2.1 X 2.1 X 2					
	Budgetary allocation (Capital cost) :	2.60 Lac					
	Budgetary allocation (O & M cost) :	0.11 Lac					
	Details of UGT tanks if any :	Domestic UG Tank Capacity -194 Cum Flushing UG Tank Capacity -94 Cum Fire UG Tank Capacity -100 Cum					
	Natural water drainage pattern:	North East - South West					
35.Storm water drainage	Quantity of storm water:	5999.1					
	Size of SWD:	450-600 mm					
	•						
	Sewage generation in KLD:	140.99					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	1 No. of 155 Cum					
Waste water	Location & area of the STP:	As shown on the plan Area- 105 Sqm					
	Budgetary allocation (Capital cost):	31 Lac					
	Budgetary allocation (O & M cost):	3.41 Lac					
	<b>36.Soli</b>	d waste Management					
Waste generation in	Waste generation:	Dry waste- 2.5 Kg/Day We Waste- 2.5 Kg/Day					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	The Construction debris shall be disposed on site as far as possible in back filling , levelling, by preserving top soil for gardening and excess shall be disposed as per the directions from the authority.					
	Dry waste:	265.7 Kg/Day					
	Wet waste:	379.33 Kg/Day					
Wasto gonoration	Hazardous waste:	Negligible					
in the operation Phase:	Biomedical waste (If applicable):	NIL					
	STP Sludge (Dry sludge):	15.48 kg/Day					
	Others if any:	NIL					

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 14 of 120	Name: Kare Ami D Signature: Accord Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	---	-------------------	---

Wet waste:         In: Situ by composing           Hazardous waste:         Through Authorized agency           Mode of Disposal of waste:         Wet waste:         Through Authorized agency           STP Stadge OUY splitcable):         In: Situ By Composting           STP Stadge OUY splitcable):         A shown on plan           Area requirement:         Considered in above area           Area for machinery:         Considered in above area           Budgetary allocation (Capital cost:         8.04 Lac           Considered in above area           Serial         Considered in above area           Serial         Parameters         Unit         Inter Effluent           Not applicable         Not applicable         Not applicable           Amount of affluent generation (CMD);         Not applicable         Not applicable           Amount of treated effluent recycled :         Not applicable           Amount of treated effluent recycled :         Not applicable           Not applicable <th colspan<="" th=""><th colspan="2"></th><th>Dry waste:</th><th></th><th colspan="6">Through Authorized Agency</th></th>	<th colspan="2"></th> <th>Dry waste:</th> <th></th> <th colspan="6">Through Authorized Agency</th>			Dry waste:		Through Authorized Agency					
Mode of Disposi of waste:         Hazardous waste:         Through Authorized agency           Biomedical waste (if of waste):         Not Applicable           STP Sladge (Dry sludgo):         In- Situ By Composting (Others if any:         In- Situ By Composting (Area for the storage material:         In- Situ By Composting (Area for the storage material:         Area for machinery:         As shown on plan           Area requirement:         Area for machinery:         Considered in above area         In- Situ By Composting (Capital cost and O&M cost):         2 Lac           Budgetary allocation (Capital cost and O&M cost):         2 Lac         Considered in above area         Effluent discharge standards (MPCB)           Serial Number         Not applicable         Not applicable         Not applicable         Not applicable         Not applicable           Amount of effluent generation (CMD):         Not applicable         Not applicable         Not applicable         Not applicable           Amount of water send to the CETP:         Not applicable         Not applicable         Not applicable           Serial Number         Description         Cat         UOM         Existing         Proposed         Total           Mount of trated effluert recycled :         Not applicable         Not applicable         Not applicable         Not applicable         Not applicable         Not applicable         Not			Wet waste	:	In- Situ by composting						
Mode of Disposal of waste:         Biomedical waste (if applicable);         Not Applicable           Stread         Stread         Through Authorized agency         In - Situ By Composing           Area         Others if any:         Through Authorized agency         In - Situ By Composing           Area         Area for the storage of waste & other material:         As shown on plan         In - Situ By Composing           Area for machinery:         Considered in above area         In - Situ By Composing         In - Situ By Composing           Budgetary allocable         Capital cost:         8.04 Lac         In - Situ By Composing         In - Situ By Composing           Serial Number         Parameters         Unit         Inlet Effluent         Outlet Effluent         Seffluent discharge           1         Not applicable         Not applicable         Not applicable         Not applicable         Not applicable           Amount of effluent generation (CMD);         Not applicable         Not applicable         Not applicable         Not applicable           Anount of water send to the CETP;         Not applicable         Not applicable         Not applicable         Not applicable           Sorial 1         Not applicable         Not applicable         Not applicable         Not applicable         Not applicable           In sot applicab			Hazardous waste:		Through Authorized agency						
STP Sludge Ory sludge):     In - Stu By Composing Through Authorized agency       Area requirements     Location(s):     As shown on plan       Mudgetary allocation (Capital cost and OKM cost):     Considered in above area       Serial Number     Parametinery     Considered in above area       Serial Number     Parametinery     Unit     Indet Effluent Charecterestics     Outlet Effluent Charecterestics     Effluent discharge standards (MPCB)       1     Not applicable     Not applicable     Not applicable     Not applicable     Not applicable     Not applicable       Amount of effluent (CMD):     Not applicable     Not applicable     Not applicable     Not applicable     Not applicable       Amount of treated effluent recycled :     Not applicable     Not applicable     Not applicable     Not applicable       Serial Number     Descriterie     Not applicable     Not applicable     Not applicable     Not applicable       Muther Serie     Serie     Serie     Serie     Not applicable     Not applicable     Not applicable       Amount of treated effluent recycled :     Serie     Serie     Serie <t< td=""><td colspan="2">Mode of Disposal of waste:</td><th>Biomedica applicable</th><td>l waste (If ):</td><td>Not Applica</td><td>able</td><td></td><td></td><td></td><td></td></t<>	Mode of Disposal of waste:		Biomedica applicable	l waste (If ):	Not Applica	able					
Others if any:       Through Authorized agency         Area requirements       Cocation (s):       As shown on plan         Area for the storage requirements       As shown on plan         Area for the storage requirements       Area for the storage material:       As shown on plan         Area for the storage requirements       Area for the storage ds state & db lac       Storage         Budgetary allocation (Capital cost and O&M cost):       Considerer       Storage       Storage         Budgetary allocation (Capital cost and O&M cost):       Not cost:       Considerer       Outlet Effluent Charecterestics       Effluent discharge standards (MPCB)         Serial Number       Parameter       Unit applicable       Intel Effluent Charecterestics       Outlet Effluent Charecterestics       Effluent discharge standards (MPCB)         1       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable         1       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable         1       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable         1       Not applicable       Not applicable       Not applicable       Not applicable <t< td=""><td></td><td></td><th>STP Sludg sludge):</th><td>e (Dry</td><td>In- Situ By</td><td>Compos</td><td>sting</td><td></td><td></td><td></td></t<>			STP Sludg sludge):	e (Dry	In- Situ By	Compos	sting				
Area requirement:       As shown on plan         Area requirement:       Location(s):       As shown on plan         Area for the storage material:       As shown on plan         Area for machinery:       Considered in above area         Budgetary allocation O&M cost):       Capital cost:       Considered in above area         Budgetary allocation O&M cost):       Capital cost:       8.04 Lac       Effluent         Serial Number       Parameters       Unit       Inder Effluent Charecterestics       Outlet Effluent Charecterestics       Effluent discharge standards (MPCB)         1       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable         Amount of offluent generation (CMD):       Not applicable       Not applicable       Not applicable       Not applicable         Amount of water send to the CETP:       Not applicable       Not applicable       Not applicable       Not applicable         Serial Number       Descripton       Cat       UOM       Existing       Proposed       Total       Method of Disposal         1       Not applicable			Others if a	ny:	Through Au	uthorize	ed age	ency			
Area for watch with a single of material:			Location(s	):	As shown o	n plan					
Area for metrieConsider discover and the second se	Area requirem	ent:	Area for the storage of waste & other material:		45 sqm						
8.04 Lac           Qapital cost: Modes         2 Lac           Serial Number         Paraters         Unit         Intel Effluent Charecterstics         Effluent discharge standards (MPCB)           1         Not applicable         Not app			Area for m	achinery:	Considered	in abov	ve are	a			
O & M cost:       2 Lac         37.Effluent Charecterestics         Serial Number       Parameters       Unit       Inlet Effluent Charecterestics       Outlet Effluent Charecterestics       Effluent discharge standards (MPCB)         1       Not applicable       Not applicable       Not applicable       Not applicable <t< td=""><td>Budgetary</td><td>allocation</td><th>Capital cos</th><td>st:</td><td>8.04 Lac</td><td></td><td></td><td></td><td></td><td></td></t<>	Budgetary	allocation	Capital cos	st:	8.04 Lac						
Serial Number         Inite Efficient Characterestics         Outlet Efficient Characterestics         Sefficient discharage standards (MPCB)           1         Not applicable         Not applicab	(Capital co O&M cost)	st and	O & M cos	t:	2 Lac						
Serial NumberParametersUnitInlet Effluent CharecteresticsOutlet Effluent CharecteresticsEffluent discharge standards (MPCB)1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableAmount of effluent generation (CMD):Not applicableNot applicableNot applicableNot applicableAmount of treated effluent recycled :Not applicableNot applicableImage: Second Conditional Section			-	37.Ef	fluent C	harec	ter	estics			
1         Not applicable         Not applicable         Not applicable         Not applicable         Not applicable         Not applicable           Amount of CMD);         Capacity is ETP;         Not applicable         Not applicable <th>Serial Number</th> <th>Paran</th> <th>neters</th> <th>Unit</th> <th>Inlet E Charect</th> <th>Effluent terestic</th> <th>t C<b>S</b></th> <th>Outlet I Charect</th> <th>Effluent erestics</th> <th>Effluent discharge standards (MPCB)</th>	Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestic	t C <b>S</b>	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)	
Amount of effluent generation (CMD):       Not applicable         Gapacity of the ETP:       Not applicable         Amount of traced effluent recycled :       Not applicable         Mother Stription       Not applicable         Not applicable       Not applicable         Serial Number       Section & units         Serial Number       Not applicable         Not applicable       Not applicable         Not applicable       Not ap	1	Not apj	plicable	Not applicable	Not ap	plicable	<del>,</del>	Not apj	olicable	Not applicable	
Capacity of the ETP:       Not applicable         Amount of treated effluent recycled :       Not applicable         Amount of water send to the CETP:       Not applicable         Membership of CETP (if requipe):       Not applicable         Not on policable       Not applicable         Not on extreme send to the CETP:       Not applicable         Not on extreme send to the CETP       Not applicable         Not on extreme send to the cetter       Not applicable         Not on extreme send to the cetter       Not applicable         Not on extreme send to the cetter       Not applicable         Not on extreme send to the cetter       Not applicable         Not on extreme send to the cetter       Not applicable         Not on extreme send to the cetter       Not applicable         Serial Number       Not applicable       Not applicable         Serial Number       Section & units       Stack with Quantity       Stack low       Not applicable       Not applicable         1       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable         1       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable         1       Not applicable       Not applicable       Not applicable	Amount of effluent generation (CMD):			Not applicable							
Amount of treated effluent recycled :       Not applicable         Amount of treated effluent recycled :       Not applicable         Amount of treated effluent recycled :       Not applicable         Membership of CETP (if require)       Not applicable         Not applicable       Not applicable         Not applicable       Not applicable         Serial Number       Description         Not applicable       Not applicable         Not applicable       Not applicable         Serial Number       Not applicable         Serial Number       Section & units         Serial Number       Section & units         Serial Number       Not applicable         Not applicable       Not applicable         Serial Number       Not applicable         Not applicable       Not applicable         Serial Number       Not applicable         Not applicable       Not applicable         Not applicable       Not applicable         Not applicable       Not appli	Capacity of	the ETP:		Not applica	t applicable						
Amount of water send to the CETP:       Not applicable         Membership of CETP (if require):       Not applicable         Note on ETF technology to be used       Not applicable         Disposal of the ETP sludge       Not applicable         Serial Number       Description       Cat       UOM       Existing       Proposed       Not applicable       Not applicable         1       Not applicable	Amount of treated effluent Not app				ot applicable						
Membership of CETP (if require):       Not applicable       Not applicable       Not applicable       Not applicable       Not applicable       Method of Disposal         Disposal of LeTP sludge       Not applicable       Not applicable       Not applicable       Proposed       Total       Method of Disposal         Serial Number       Not applicable       Not app	Amount of v	vater send to	o the CETP:	Not applica	Vot applicable						
Note on ETP technology to be usedNot applicableNot appli	Membershi	p of CETP (if	f require):	Not applica	Not applicable						
Disposal of the ETP sludge       Not applicable         Serial Number       Description       Cat       UOM       Existing       Proposed       Total       Method of Disposal         1       Not applicable       Temp. of Exhaust Gases         1       Not applicable       Temp. of Exhaust Gases         1       Not applicable	Note on ET	P technology	v to be used	Not applica	able						
38.Ha zerdous WasterbustSerial NumberDescriptionCatUOMExistingProposedTotalMethod of Disposal1Not applicableNot <br< td=""><td>Disposal of</td><td>the ETP sluc</td><th>lge</th><td>Not applica</td><td>able</td><td></td><td></td><td></td><td></td><td></td></br<>	Disposal of	the ETP sluc	lge	Not applica	able						
Serial NumberDescriptionCatUOMExistingProposed $Tot_1$ Method of Disposal1Not applicable $applicable$ $bnot_{applicable}$ $applicable$ $bnot_{applicable}$ $bnot_$				<b>38.H</b> a	azardous	Wast	te D	etails			
1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable39.Stacks emission Destination & unitsSerial NumberSection & unitsFuel Used with QuantityStack No.Height from ground level (m)Internal diameter (m)Temp. of Exhaust Gases1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableSerial NumberType of FuelExistingProposedTotal	Serial Number	Descr	iption	Cat	UOM	Existi	ing	Proposed	Total	Method of Disposal	
Section & units       Fuel Used with Quantity       Height from ground lievel (m)       Internal diameter (m)       Temp. of Exhaust Gases         1       Not applicable       Total         Serial Number       Type of Fuel       Existing       Proposed       Total	1	Not app	plicable	Not applicable	Not applicable	Not applica	t able	Not applicable	Not applicable	Not applicable	
Serial NumberSection & unitsFuel Used with QuantityStackHeight from ground level (m)Internal diameter (m)Temp. of Exhaust Gases1Not applicableNot applic				<b>39.S</b>	tacks em	issior	n De	etails			
1     Not applicable     Not applicable     Not applicable     Not applicable     Not applicable     Not applicable       Serial Number       Yype of Fuel     Existing       Proposed	Serial Number	Serial Number Section & units		Fuel Us Qua	sed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
Serial Type of Fuel     Existing     Proposed	1	1 Not applicable Not app			plicable	Not applica	t able	Not applicable	Not applicable	Not applicable	
Serial Number         Type of Fuel         Existing         Proposed         Total				40.De	tails of <b>F</b>	Fuel to	o be	e used			
INUILIDEL	Serial Number	Serial Type of Fuel			Existing			Proposed		Total	
1 Not applicable Not applicable Not applicable Not applicable	1	Not	applicable	1	Not applicabl	е	N	lot applicabl	е	Not applicable	
41.Source of Fuel Not applicable	41.Source o	of Fuel		Not a	applicable						
42.Mode of Transportation of fuel to site Not applicable	42.Mode of	Transportat	ion of fuel to	site Not a	applicable						

hote			Name: Kare Anii D
K.s. Langets			Signature: Jour
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 15	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

		Total RG a	rea :	1152.12 Sq	m					
43.Green Belt Development		No of trees to be cut :		0	0					
		Number of be planted	f trees to l :	145						
		List of pro native tree	posed es :	Given below	N					
		Timeline f completion plantation	or n of :	Before Con	pletion of the F	Project				
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be	plante	d in t	the ground		
Serial Number	Name of	the plant	Commo	n Name	Quanti	ty	Cha	aracteristics & ecological importance		
1	Nyctanth tri	nes arbor- stis	Parij	atak	14		This S flow But	Small tree has highly fragrant wers those attract Bees and terflies, Fruits attract Birds.		
2	Ochna o	obtusata	Kanak (	Champa	14		Na frag	ative, this shrub has yellow grant flowers, Host plant for Butterflies.		
3	Murraya paniculatum		Kamini/Kunti		14		Na shru and d	ative to Western Ghats, this ub has fragrant white flowers lense foliage. It is a host plant for Butterflies.		
4	Manilkara zapota		Chickoo		13		This small tree attracts Birds and Bees. Edible Fruit.			
5	Citrus limon		Lemon		14		This Shrub is used in everyday Cooking and acts as a host plant for Butterflies.			
6	Bauhinia racemosa		Apta		14		Native to Pune, this Shrub has a Religious importance			
7	Mimusops elengi		Bakul		14		Na l brai scr frag	tive, Evergreen Foliage and Flowering tree has dense nching, hence good for Wind reening. Flowers are deeply grant and attracts birds and Bees.		
8	Pongami	a pinnata	Karanj		14	14		tive to Pune, this Deciduous ite Flowering tree . Attracts rds and Arboreal Mammals.		
9	Lagerstroe	mia reginae	Tam	ihan	14		This St	Purple Flowering plant is the ate flower of Maharashtra.		
10	Cassia fistula		Bah	lava	13		This Flowering and Deciduous tree has beautiful Yellow chandeliers in Summers. Good perching site for Birds.			
11	11 Erythrina variegata H		Pan	gara	7		Native to Western Maharashtra, this Reddish-Orange Flowering and Deciduous tree attracts lot of Birds for the Nectar.			
45	5.Total qua	ntity of plan	nd							
46.Number and list of shrubs and bushes species to be planted in the podium F						d in the podium RG:				
Serial Number		Name		C/C Dista	ince			Area m2		
K.S.Langote (Secretary SEAC-III)				o: 69 Meeting 2018	g Date: August 3	80, Pa	ge 16 f 120	Name: Kart Amir D Signature: Accord Shri. Anil Kale (Chairman SEAC-III)		

1		NA		NA NA					
				<b>47.E</b>	nergy				
		Source of power supply :	r	MSEDCL					
		During Constru Phase: (Demano Load)	ction 1	75 KW	75 KW				
Power requirement:		DG set as Power back-up during construction ph	r a <b>se</b>	30 KVA					
		During Operation phase (Connect load):	on ed	1181 KW	1181 KW				
		During Operation phase (Demand load):	on	689 KW	689 KW				
		Transformer:		630 KVA &	200 KVA				
		DG set as Power back-up during operation phase	r <b>:</b>	125 KVA &	30 KVA				
		Fuel used:		HSD					
		Details of high tension line pas through the plo any:	sing t if	No					
		48.Energy	savi	ng by no	n-conver	ntional method:			
Solar Water Solar Stree Solar PV Ge	r Heater- 23. t Lights- 2.08 eneration- 9 1	.1 KLD 8 KW/Day KW/DAy							
		<b>49.De</b>	etail	<b>calcu</b> lati	ions & %	of saving:			
Serial Number	Е	nergy Conservat	ion M	easures Saving %					
1		Solar Water	Heate	s 321552 KWH/Annum					
2		Electronic V3F D	rives fo	or Lift		16337.40 KWH/Annum			
3		Solar PV Ger	neratio	n		9450 KWH/Annum			
4		Timer Logic (	Control	er		36207 KWH/Annum			
		50.Det	ails	of pollut	ion cont	rol Systems			
Source	Ex	isting pollution	ontro	l system		Proposed to be installed			
Not applicable	S	Not applie	able	-		Not applicable			
Budgetary	allocation	Capital cost:		49.63					
(Capital O&M	cost and cost):	O & M cost:		2.13					
51	.Enviro	onmental :	Mar	nageme	ent plai	n Budgetary Allocation			
		a) Con	stru	ction pha	ase (with	Break-up):			
Serial Number	Attri	butes	Para	neter		Fotal Cost per annum (Rs. In Lacs)			
1	Site sa	nitation H	lealth a	& Safety		0.60			
		•							

hote			Name: Kare Anii D
K.s. Langet			Signature: Jo-la-
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	<b>Page 17</b>	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

2	Envir moi	onmental nitoring	Air , Wate	Vater & Noise 1.80					80		
3	Disi	nfection	Health &	& Safety			0.50	0.50			
4	Health	n check up	Health &	& Safety		0.50					
b) Operation Phase (with Break-up):											
Serial Number	Con	iponent	Descr	iption	Cap	ital cost Rs Lacs	s. In Opera	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	]	RWH	Pi	ts		2.60		0.11			
2	Sewage	e Treatment	S	ГР		31		3.41			
3	Soli	d Waste	Comp	osting		8.04		2			
4	Air I	Pollution	Tre	ees		6.92		0.35			
5	E	nergy	Sav	ings		49.63		2.13			
6	Mo	nitoring	Air, Wate	r & Nois	se	0		1.80			
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)										
Descri	ption	Status	Location	Location		Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation		
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
			52.A	ny Ot	her Info	rmation	l				
No Informa	tion Availa	ble			<b>)</b> ×						
			53.	Traffi	c Mana	gement					
	Nos. of the junction to the main road & design of confluence:										
	confluence:										



	Number and area of basement:	0					
	Number and area of podia:	1 of 3873.15 Sqm					
	Total Parking area:	2574 Sqm					
	Area per car:	12.5 Sqm					
	Area per car:	12.5 Sqm					
Parking details:	Number of 2- Wheelers as approved by competent authority:	510					
	Number of 4- Wheelers as approved by competent authority:	98					
	Public Transport:	Not Proposed					
	Width of all Internal roads (m):	6 m					
	CRZ/ RRZ clearance obtain, if any:	Not Applicable					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable					
	Category as per schedule of EIA Notification sheet	8 (a)					
	Court cases pending if any	No					
	Other Relevant Informations	No					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>					
5	Summorised i	n brief information of Project as below.					
	Brief information of the project by SEAC						



I

Environment Clearance for Proposed Residential & Commercial Project at S. No. 19, Village Khadakwasla, Taluka- Haveli,Dist- Pune by Mr. Sandeep Shankarrao Satav.

PP submitted their application for prior Environmental clearance fortotal plot area of 11800Sq. Mtrs, BUA of25804.55Sq. Mtrs and FSI area of 14370.33 Sq. Mtrs.PP proposes to construct 4 no. residential building and 1 Amenity 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 Environment management plan.

2) PP to submit revised debris management plan.

**3)** PP to submit an indemnity bond for project land.

Shike

**4)** PP to submit undertaking for CER activities.

#### 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: 69 Meeting Date: August 30, 2018 Page 20 of 120 Signature: Area 12 Shri. Anil Kale (Chairman SEAC-III)

Agenda of 69 th Meeting of SEAC-3 (Day-2)								
SEAC Meeting number: 69 Meeting Date August 30, 2018								
Subject: Environment Clearance for Residential cum Commercial Project								
Is a Violation Case: No								
1.Name of Project Hagwood Commercial Developers Pvt Ltd								
2.Type of institution	Private							
3.Name of Project Proponent	It Col Sudhanshu Chaturvedi (Betd)							
4.Name of Consultant	EIA Coordinator: Sourabh Jaiswar: M/s Pollution and Ecology Control Services							
5.Type of project	Residential cum Commercial Project							
.New project/expansion in existing roject/modernization/diversification     Expansion								
7.If expansion/diversification,         whether environmental clearance         has been obtained for existing         project    Yes on dated 26/11/2012.								
8.Location of the project	S. No. 25, 29,30							
9.Taluka	Nagpur							
10.Village	Chinchabuvan							
Correspondence Name:	Lt Col Sudhanshu Chaturvedi							
Room Number:	105/106							
Floor:	Ground							
Building Name:	Dream Square							
Road/Street Name:	Off New Link Road, Dalia Industrial Estate							
Locality:	Andheri West							
City:	Mumbai							
11.Area of the project	NMC							
	NA							
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: MNPN/NRV/Nagar Rachna Vibhag/AntimManjuri/10 dated 26th June 2018							
	Approved Built-up Area: 86219.25							
13.Note on the initiated work (If applicable)	As per environmental clearance dated 26/11/2012.							
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA							
15.Total Plot Area (sq. m.)	73417.86 sq mt							
16.Deductions	14686.78							
17.Net Plot area	58731.18							
10 (a) Broncood Builton Area (FCI S	a) FSI area (sq. m.): 86219.25							
Non-FSI)	b) Non FSI area (sq. m.): 58518.93							
	c) Total BUA area (sq. m.): 144738.18							
	Approved FSI area (sq. m.): 86219.25							
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 58518.93							
Date of Approval: 26-06-2018								
19.Total ground coverage (m2)	29641.73							
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49.8							
21.Estimated cost of the project	3738200000							
22.Num	22.Number of buildings & its configuration							

# 22.Number of buildings & its configuration

K.S. Langets			Name: Kare Anir D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 21	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

Serial number	Buildin	ig Name & i	number	Nu	mber of floors		Height of the building (Mtrs)				
1	01 Co	mmercial Bu	ilding		LG+G+2		20.55 M				
2	05 Re	esidential Bui	ilding		B+St+14		48 M				
3	C	1 Club Hous	e		G+1		9 M				
23.Number of tenants and shopsMultiplex , Food courts and 150 Shops 434 Flats											
24.Number expected r users	r of esidents /	Permanent Staff 1500; Floating population 11678, Resi: 2170									
25.Tenant per hectar	<b>density</b> e	90									
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 for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	7.5	.5								
29.Existing	J (s) if any	NA									
30.Details demolition disposal (I applicable	of the with f )	NA	NA								
			31.P	Product	ion Deta	ils					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (M	IT/M)	Total (MT/M)				
1	Not ap	plicable	Not app	plicable	Not applica	able	Not applicable				
	S	C <sup>-3</sup>	2.Tota	l Wate	r Require	ement					

hote			Name: Kart Amil D.
K.s. Langets			Signature: Joula
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 22	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

		Source of	water	NMC/ Grou	nd Water								
		Fresh wate	er (CMD):	366									
		Recycled w Flushing (	vater - CMD):	218									
		Recycled w Gardening	vater - (CMD):	78									
		Swimming make up (	pool Cum):	7									
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	669									
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	500				6					
		Fire fightin Overhead tank(CMD)	ng - water ):	70									
		Excess trea	ated water	178									
		Source of	water	NMC/ Grou	nd Water								
		Fresh wate	er (CMD):	366									
		Recycled w Flushing (	vater - CMD):	218	218								
		Recycled w Gardening	vater - (CMD):	00									
		Swimming make up (	pool Cum):	7									
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	591									
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	500									
		Fire fightin Overhead tank(CMD	ng - water ):	70									
		Excess trea	ated water	256									
Details of pool (If an	Swimming y)	01											
		3	3.Detail	s of Tota	l water o	onsume	d						
Particula rs	Cons	sumption (C	EMD)		Loss (CMD)	)	Ef	fluent (CM	D)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable				
								· · · · · · · · · · · · · · · · · · ·					



	Level wate	l of the Ground r table:	about 18 m to 20 m					
	Size a tank Quan	and no of RWH (s) and itity:	One tank of 100 cum for comn	nercial build	ing			
	Locat tank	tion of the RWH (s):	Below ground					
34.Rain Water	Quan pits:	ntity of recharge	09					
Harvesting (RWH)	Size	of recharge pits	1.5 Mtrs. Dia x 3 Mtrs. Effective Depth					
	Budg (Capi	jetary allocation ital cost) :	20					
	Budg (0 &	jetary allocation M cost) :	02					
	Detai if any	ils of UGT tanks y :	Domestic (U/g) = for Commerce M/D Flushing (U/g) = for Commerce M/D	cial 220 Cu.I tial 120 Cu.N	M/D, for Residential 200 Cu I/D, for Residential 100 Cu			
	Natu drain	ral water age pattern:	Surface storm water will be ro drain channel by gravity.	outed toward	s the periphery storm water			
35.Storm water	Quan wate	ntity of storm r:	43 cum/hr					
urumuge	Size	of SWD:	We have proposed open storm water drain channel with grating at the periphery of 450mm wide with starting depth of 150mm and sloping towards discharge point in 1:300 slope.					
	-							
	Sewa in KI	ge generation LD:	255 for residential and 261 for	r Commercia	1			
	STP t	technology:	MBBR Technology					
Sewage and	Capa (CMI	city of STP D):	01 x 275 KLD for Residential a	and 01 x 275	KLD for commercial			
Waste water	Locat the S	tion & area of STP:	Below Ground , 425 sq.m					
	Budg (Capi	jetary allocation ital cost):	110.0 Lacs					
	Budgetary allocation (O & M cost):		18.25 Lacs					
		36.Soli	d waste Managen	nent				
Waste generation in	Wast	e generation:	Approx. 250 to 300 kg/day					
the Pre Construction and Construction phase:	Dispo const debri	osal of the truction waste is:	used at site for making internal roads					
	Dry v	waste:	435 kg/day for Residential + 1	.575 kg/day i	for commercial			
	Wet	waste:	650 kg/day for Residential + 1	050 kg/day	for commercial			
Waste generation	Haza	rdous waste:	NA					
in the operation Phase:	Biom appli	edical waste (If cable):	NA					
	STP sludg	Sludge (Dry je):	40-45 kg					
	Othe	rs if any:	NA					
K.S.Langote (Secretary SEAC-III)		SEAC Meeting No	: 69 Meeting Date: August 30, 2018	Page 24 of 120	Name: Kare April D Signature: April D Shri. Anil Kale (Chairman SEAC-III)			

	vaste:			Segregate at site & sale all recyclable waste & Remaining & inert waste handed over to local vendor									
		Wet	waste	:		Composting through OWC machine							
Madaaf	Diamagal	Haza	rdous	wast	e:	NA	NA						
of waste:	Disposal	Biom appli	edica cable	l wast ):	te (If	NA							
		STP S sludg	TP Sludge (Dry ludge):		Used as manure								
		Othe	rs if a	ny:		NA							
		Loca	tion(s	):		Ground							
Area requirement:		Area for the storage of waste & other material:		r <b>age</b> r	65 sq.m								
		Area	for m	achin	ery:	20 sq.m							
Budgetary	allocation	Capit	tal cos	st:		26 Lacs							
O&M cost)	:	0&1	M cos	t:		8.50 Lacs					6		
				3	<b>7.Ef</b>	fluent C	hare	cter	estic	s			
Serial Number	Paran	neters		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 e (CMD):	effluent gene	eration		Not a	applicable								
Capacity of the ETP:				Not a	pplica	ble							
Amount of treated effluent Not applie					ipplica	ble							
Amount of water send to the CETP: Not applic					pplica	ble	7						
Membershi	o of CETP (if	requi	re):	Not a	pplica	ble							
Note on ET	P technology	v to be	used	Not a	pplica	ble							
Disposal of	the ETP sluc	lge		Not a	pplica	ble							
				3	<b>8.H</b> a	zardous	zardous Waste Details						
Serial Number	Descr	iption		C	at	UOM	Exis	ting	Proposed		Total		Method of Disposal
1	Not app	plicabl	e	N appli	ot cable	Not applicable	No applio	ot cable	No applio	ot cable	N appli	ot cable	Not applicable
				3	<b>89.S</b> t	acks em	issio	n Do	etail	5			
Serial Number	Section	& uni	ts	Fu	uel Us Quai	ed with ntity	Stack	No.	Hei fro grou level	ght m und (m)	Inte diam (n	rnal ieter n)	Temp. of Exhaust Gases
1	Not apj	plicabl	e	Ν	lot app	plicable	No applio	ot cable	No applio	ot cable	N appli	ot cable	Not applicable
				4	0.De	tails of <b>F</b>	<sup>r</sup> uel t	to be	e use	d			
Serial Number	ial Type of Fuel					Existing			Prop	osed			Total
1	Not	applic	able		Ν	lot applicabl	e	Ν	lot app	licabl	е		Not applicable
41.Source of	f Fuel				Not a	pplicable							
42.Mode of	Transportat	ion of t	fuel to	site	Not a	pplicable							
K.S.Langoto SEAC-III)	Carget e (Secretary		SEAC	C Meet	ing No	: 69 Meeting 2018	) Date:	Augus	st 30,	Pa o	ge 25 f 120	Nam Sign Shri. SEAC	ne: Kare Ami D nature: Accolor Anil Kale (Chairman -III)

		Total RG a	rea :	11015.66 sc	I mt					
		No of trees	s to be cut	NA	NA					
43.Gree	n Belt	Number of be planted	trees to	925	925					
Development		List of pro native tree	posed es :	Given in bel	low list					
		Timeline for completion of plantation :		Dec 19	Dec 19					
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to b	e plante	ed in the ground			
Serial Number	Name of	the plant	Commo	on Name	Quar	ntity	Characteristics & ecological importance			
1	Saraca	a indica	Sita a	ashok	20	00	Evergreen medicinal plant			
2	Mangife	era indica	Mang	o tree	5	0	Fruiting & bird attracting tree			
3	Butea monosperma Flam		e tree	100		Used in pesticide & dye preparation				
4	Cassia	Cassia fistula Golden		shower	150		Drought tolerant, ornamental & medicinal plant			
5	Ficus be	us benjamina Weepi		ing fig	7	5	Evergreen & bird attracting tree			
6	Mimusop	oes elengi	Ba	kul	75		Evergreen tree, medicinal plant			
7	Azadirac	hta indica	Ne	em	50		Evergreen Tree & Medicinal Plant			
8	Royston	iea regia	Royal	l palm	100		Nitrogen fixer, ornamental plant			
9	Neolamark	ia cadamba	Kadam	lba tree	7	5	Tropical fruit tree & bird attracting tree			
10	Cassia	grandis	Pink s	hower	5	0	Drought tolerant, ornamental & medicinal plant			
45	5.Total qua	ntity of plan	its on grou	nd						
46.Nun	ıber and	list of sl	nrubs an	d bushes	species	to be p	lanted in the podium RG:			
Serial Number		Name	0	C/C Dista	nce		Area m2			
1		NA		NA			NA			
				<b>47.</b> Er	nergy					
	Gill.									

K.S. Langets			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 26	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

	Source of power supply :			MSEDC				
		During C Phase: (D Load)	onstruction emand	255 KVA				
		DG set as back-up o construct	Power luring ion phase	250 KVA				
		During O phase (Co load):	peration onnected	16.73 MW				
requirement:		During O phase (De load):	peration emand	7.936 MW				
		Transform	ner:	7 x 630 KVA	A for R	esidential ar	nd 3 x 2000 I	KVA for commercial
		DG set as back-up o operation	Power luring phase:	1x 625 KVA, 2 x 2500 KVA & 1 x 1500 KVA				
		Fuel used	l:	HSD				
		Details of tension li through t any:	high ne passing he plot if	NA				
	48.Energy saving by non-conventional method:							
? Light fixtu ? Use of Sol ? Small cap ? Selection	<ul> <li>? Light fixtures will be used with energy saving LED &amp; T5 fluorescent tube with electronic chocks.</li> <li>? Use of Solar energy for street &amp; landscape lightings.</li> <li>? Small capacity transformers having low no load and load losses.</li> <li>? Selection of Energy efficient equipments (BEE STAR RATED)</li> </ul>							
		L	9.Detail	calculati	ons	& % of s	aving:	
Serial Number	E	nergy Con	servation M	easures			Si	aving %
1	? Light fixt & T5 fluor of Solar e Small capa load l	ures will be escent tube nergy for s acity transfe osses. ? Se equipments	e used with er e with electron treet & lands ormers having ection of Ene (BEE STAR I	hergy saving LED hic chocks. ? Use cape lightings. ? 1 low no load and rgy efficient RATED			33%	
		5	).Details	of pollut	ion c	ontrol S	ystems	
Source	Ex	isting poll	ution contro	ol system			Proposed	to be installed
Not applicable		No	t applicable				Not	applicable
Budgetary	allocation	Capital c	ost:	135 lacs				
0&M	cost):	0 & M co	st:	08 lacs				
51	.Enviro	onmen	tal Mar	nageme	ent j	plan Bu	udgeta	ry Allocation
		a)	Construe	ction pha	ise (v	with Bre	ak-up):	
Serial Number	Attri	butes	Para	meter		Total (	Cost per an	num (Rs. In Lacs)
1	Drinkin	g water	as per drin stan	nking water dard			Ę	5
2	Sanit	ation	PH, BOD, et	, COD, SS tc.			8	3
K.S.Langote (Secretary SEAC-III) SEAC Meeting No: 69 Meeting Date: August 2018						August 30,	Page 27 of 120	Name: Kare Amir D Signature: Acceler Shri. Anil Kale (Chairman SEAC-III)

			1								
3	Health	n Checkup	TB, Blood checku Dengue etc.	p,	6						
4	Labo	ut Camp	Hygene, Insecticio Fuel etc	le,	6						
5	S	afety	Safety shoes, Ne Rope, Lift, Barricading, Heln etc	t, net		10	10				
b) Operation Phase (with Break-up):											
Serial Number	Com	ponent	Description	Cap	ital cost Rs Lacs	. In Oper	ational and cost (Rs. in	Maintenance Lacs/yr)			
1	Sewage I	e Treatment Plant	PH, BOD, COD, T etc	SS	110		18.2	5			
2	Rain Wate	er Harvesting	Oil & Greas, PH e	etc	20		02				
3	Solio Mana	d Waste agement	Segregation of Wa Composting	ste,	26		8.5				
4	Energ me	jy Saving asures	Non conventional appliances, Solar light 135				8				
5	Gre	en Belt	Plantation		69		5.5				
51.8	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)										
Descri	Description Status		Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	<sup>1</sup> Source of Supply	Means of transportation			
Not app	licable	Not applicable	Not applicable	Not applicable	Not Not icable applicable Not applica		e Not applicable	Not applicable			
	52.Any Other Information										
No Informa	No Information Available										
53.Traffic Management											
	Nos. of the junction to the main road & design of confluence:										



	Number and area of basement:	One basement for Residential 7523.38 sq mt + Lower ground floor for Retail 22783.08 sq mt			
	Number and area of podia:	NA			
	Total Parking area:	37,500 sq mt			
	Area per car:	24.50 sq.m for open, stilt & for basement about 34.50 sq.m			
	Area per car:	24.50 sq.m for open, stilt & for basement about 34.50 sq.m			
Parking details:	Number of 2- Wheelers as approved by competent authority:	3165			
	Number of 4- Wheelers as approved by competent authority:	1412			
	Public Transport:	Proposed Metro, Bus			
	Width of all Internal roads (m):	mim 6.0 m			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	8 b (B1)			
	Court cases pending if any	NA			
	Other Relevant Informations	NA			
	Have you previously submitted Application online on MOEF Website.	Yes			
	Date of online submission	30-12-2016			
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>			
5	Summorised i	n brief information of Project as below.			
Brief information of the project by SEAC					



I

Environment Clearance for commercial Project at S. No. 25, 29,30 , Chinchabuvan, Nagpur.by **M/s. Hagwood Commercial Developers Pvt Ltd.** 

PP submitted their application formodernization in Environmental clearance fortotal plot area of 40078.364Sq. Mtrs, BUA of 91251.35Sq. Mtrs and FSI area of 35180.06Sq. Mtrs.PP proposes to construct 1 commercial building.

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

## **DECISION OF SEAC**

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 affidavit for Total BAU is 1, 26,000 .Sq mtr and they will not construct more than that including phase 1 & phase 2.

**2)** PP to submit revised fire tender movement plan and cross section at four places which will include drain,footpath-6 Mtr to be provided for fire tender movement.

**3)** PP to submit parking layout plan for ground floor and Terrace floor to be provided separately with drive way not less than 6 Mtr.

**4)** PP to submit ramp minimum 7 Mtr wide and slope not less than 1:10 to be provided and cross section to ramp to be provided, parking statement as per DCR and locations were provided to be given.

5) PP to submit Traffic Management plan for development plan for the development – Internal circulation with road width should be revised with showing clear road width showing clear road of 6 meter s and turning radius of 9 mtrs ,PP to submit cross section of roads at four to five places showing clear road width 6 meter, 1.5 meter distance left from building line, spaces left for plantation ,footpath , service lines etc.

**6)** PP to submit revise DMP cost and showing lighting arrestor.

7) PP to submit revised Tree list and plantation plan.

8) PP to submit CFO NOC.

**9)** PP to submit Airport Authority NOC.

10) PP to submit Drainage NOC.

11) PP to submit Water NOC.

12) PP to submit E-waste NOC.

**13)** PP to submit Carbon foot print.

14) PP to submit Geohydrological report.

**15)** PP to submit details of socio economic infrastructure within vicinity of plot especially primary/secondary schools, Markets etc.

**16)** PP to submit site specific EMP for the entire project, considering plot area as per earlier EC.

**17)** PP to submit plan showing PP to submit plan showing the alignment of storm water drain arrangement up to final disposal point by proposing adequate SW drain in layout with details of final chamber within the property and final chamber on Municipal sewer line.

**18)** PP to submit plan showing PP to submit plan showing the alignment of storm water drain arrangement up to final disposal point by proposing adequate SW drain in layout with details of final chamber within the property and final chamber on Municipal sewer line.

**19)** PP to submit Debris management plan.

20) PP to submit undertaking for CER activities.



#### FINAL RECOMMENDATION

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

SHACHENDARDONALS



#### Agenda of 69 th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 69 Meeting Date August 30, 2018

Subject: Environment Clearan	ce for M/s Atul Builders							
Is a Violation Case: No								
1.Name of Project	Solitaire Business Hub							
2.Type of institution	Private							
3.Name of Project Proponent	Atul Chordia							
4.Name of Consultant	M/s. Ultra-Tech							
5.Type of project	Commercial Development							
6.New project/expansion in exist project/modernization/diversifica in existing project	ing Ation Amendment							
7.If expansion/diversification, whether environmental clearanc has been obtained for existing project	e Yes EC is received vide letter number SEAC-2016/C.R.424/TC-1 dated 12.05.2017							
8.Location of the project	Sr. No 121/1+2/1, (Old) 121/1A/2/1 (New) Baner							
9.Taluka	Haveli							
10.Village	Baner							
Correspondence Name:	Level 8, Solitaire World, Baner-45							
Room Number:	Level 8							
Floor:	8th							
Building Name:	Solitaire World							
Road/Street Name:	Pune Bangalore Highway							
Locality:	Baner							
City:	Pune							
11.Area of the project	Pune Municipal Corporation.(PMC)							
	IOD sanction on 12/01/2018 and CC/2666/17 3B+1 Shop fl.+ 1 Restaurant Fl.+ 10 floors.							
12.IOD/IOA/Concession/Plan	IOD/IOA/Concession/Plan Approval Number: IOD sanction on 12/01/2018 and CC/2666/17							
Approval Number	Approved Built-up Area: 53338.00							
13.Note on the initiated work (If applicable)	Work has been initiated as per earlier EC							
14.LOI / NOC / IOD from MHADA Other approvals (If applicable)	V Not Applicable							
15.Total Plot Area (sq. m.)	18,205.08							
16.Deductions	6351.49							
17.Net Plot area	10075.55							
	a) FSI area (sq. m.): 30223.83							
18 (a).Proposed Built-up Area (F Non-FSI)	b) Non FSI area (sq. m.): 27665.38							
	c) Total BUA area (sq. m.): 57889.21							
	Approved FSI area (sq. m.): 19560.30							
18 (b).Approved Built up area as	Approved Non FSI area (sq. m.): 23826.02							
DOR	Date of Approval: 06-03-2018							
19.Total ground coverage (m2)	2642.83							
20.Ground-coverage Percentage (Note: Percentage of plot not op to sky)	(%) en 25							
21.Estimated cost of the project	135000000							
22.Nu	mber of buildings & its configuration							
Serial number Building Nam	e & number of floors Height of the building (Mtrs)							
K.s. Langets	Name: Kare Amir D Signature: Dela							

K.S.Langote (Secretary SEAC-III) SEAC Meeting No: 69 Meeting Date: August 30, 2018

Page 32<br/>of 120Signature:Skri. Anil Kale (Chairman<br/>SEAC-III)

1		Tower 1		3B+ G	+ 11 Upper floors	S	49.95 mt (max height)				
23.Number tenants an	r of d shops	Shops: 24 (2) Offices: 219	Retail: 12 & ) with IBE (In	Restaurant: 1 ntegrated Bu	12) siness Environme	nt)					
24.Number expected r users	r of esidents /	2154 includ	.54 including floating population								
25.Tenant per hectar	density e	NA									
26.Height building(s)	of the )										
27.Right o (Width of the from	f way the road earest fire the building(s)	30 m wide e	0 m wide external road Existing, nearest fire station Hinjewadi fire station at ~11 km								
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all e building the width ntation	Turning radius for easy access of fire tender movement from all around the building is 9 m.									
29.Existing structure (	g (s) if any	None	None								
30.Details demolition disposal (I applicable	of the with f )	Not any									
	_		31.P	roduct	ion Detail	S					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT	'/ <b>M</b> )	Total (MT/M)				
1	Not apj	plicable	Not apj	plicable Not applicable Not applicable							
		3	2.Tota	l Water	r <b>Require</b> r	nent					
		Source of	water	PMC							
		Fresh wate	er (CMD):	123							
		Recycled v Flushing (	vater - CMD):	65							
		Recycled w Gardening	vater - (CMD):	10							
	$\sim$	Swimming make up (	pool Cum):	00							
Dry season:		Total Wate Requireme :	er ent (CMD)	198							
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	200							
		Fire fightin Overhead tank(CMD	ng - water ):	40							
		Excess trea	ated water	103							

K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 33	Name: Kale Ami D Signature: Acida Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

		Sour	rce of water	r	PMC								
		Fres	h water (Cl	MD):	123								
		Recy Flus	cled water hing (CMD	- ):	65								
		Recy Gard	cled water lening (CM	- D):	00								
		Swin mak	n <mark>ming poo</mark> l e up (Cum)	:	00								
Wet season:		Total Water Requirement (CMD) :			188								
		Fire Unde tank	fighting - erground w (CMD):	ater	200				6				
		Fire fighting - Overhead water tank(CMD):			40								
		Exce	ss treated	water	113								
Details of S pool (If any	ls of Swimming (If any) NA												
	33.Details of Total water consumed												
Particula rs	Cons	sumpt	tion (CMD)		Loss (CMD)			Effluent (CMD)					
Water Require ment	Existin	g	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applic	able	123	123	Not applicable	10	10	Not applicable	113	113			
Domestic	NA		65	65	NA	00	00	NA	65	65			
Gardening	NA		10	10	NA	10	10	NA	00	00			
		Leve wate	l of the Gro r table:	ound	3-10m								
1		Size and no of RWH tank(s) and Quantity:		NA									
		tank Quai	and no of J (s) and ntity:	RWH	NA								
		tank Quai Loca tank	and no of l (s) and ntity: tion of the (s):	RWH	NA								
34.Rain V Harvestir	Vater 1g	tank Quai Loca tank Quai pits:	and no of 1 (s) and ntity: tion of the (s): ntity of rec	RWH RWH harge	NA NA 4								
34.Rain V Harvestir (RWH)	Vater 1g	tank Quar Loca tank Quar pits: Size	and no of (s) and ntity: tion of the (s): ntity of rec of recharg	RWH RWH harge e pits	NA NA 4 2 x 2 x 2								
34.Rain V Harvestir (RWH)	Water ng	tank Quan Loca tank Quan pits: Size : Budg (Cap	and no of l (s) and ntity: tion of the (s): ntity of rec: of recharg getary alloc ital cost) :	RWH RWH harge e pits cation	NA NA 4 2 x 2 x 2 400000								
34.Rain V Harvestir (RWH)	Water ng	tank Quan Loca tank Quan pits: Size : Budg (Cap Budg (O &	and no of (s) and ntity: tion of the (s): ntity of rec of recharg getary alloo ital cost) : getary alloo M cost) :	RWH RWH harge e pits cation cation	NA NA 4 2 x 2 x 2 400000 40000								
34.Rain V Harvestir (RWH)	Water ng	tank Quan Loca tank Quan pits: Size : Budg (Cap Budg (O & Deta if an	and no of (s) and ntity: tion of the (s): ntity of rec of recharg getary alloo ital cost) : getary alloo M cost) : ils of UGT y :	RWH RWH harge e pits cation cation tanks	NA NA A 4 4 4 4 4 0000 4 0000 UGT are provided								



	Natural water drainage pattern:	South to North					
35.Storm water drainage	Quantity of storm water:	0.31 m3/sec					
	Size of SWD:	600 mm dia					
	Sewage generation in KLD:	178 m3/day					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	1 x 180 m3					
Waste water	Location & area of the STP:	As per layout					
	Budgetary allocation (Capital cost):	<b>h</b> 30,00000					
	Budgetary allocation (O & M cost):	<b>h</b> 200000					
	<b>36.Sol</b>	id waste Management					
Wasta gaparation in	Waste generation:	25 Kg/day					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Cutting 100000m3, filling= 25000 m3 and remaining shortfall to be filled with during construction debris.					
	Dry waste:	377 Kg/day					
	Wet waste:	162 Kg/day					
Waste generation	Hazardous waste:	Nil					
in the operation	Biomedical waste (If applicable):	F NA					
	STP Sludge (Dry sludge):	16 Kg/day					
	Others if any:	NA					
	Dry waste:	Handed over to authorized recyclers (SWaCH)					
	Wet waste:	Organic waste Composting machine					
	Hazardous waste:	Handed over to authorized recyclers					
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	Used as Manure					
	Others if any:	NA					
	Location(s):	As per layout					
Area requirement:	Area for the storage of waste & other material:	40 m2					
	Area for machinery:	Considered in above mentioned area					
Budgetary allocation	Capital cost:	800000					
(Capital cost and O&M cost):	O & M cost:	40000					
	37.F	ffluent Charecterestics					
Serial Number Paran	neters Unit	Inlet Effluent CharecteresticsOutlet Effluent CharecteresticsEffluent discharge standards (MPCB)					
K.s. Langets		Name: Kare Ami D Signature:					

SEAC Meeting No: 69 Meeting Date: August 30, 2018

K.S.Langote (Secretary SEAC-III) Page 35<br/>of 120Shri. Anil Kale (Chairman<br/>SEAC-III)

1	Not applicable	Not applicable	Not ap	plicable		Not apj	blicable Not applicable			
Amount of e (CMD):	effluent generation	Not applicable								
Capacity of	the ETP:	Not applicable								
Amount of t recycled :	reated effluent	Not applicable								
Amount of v	vater send to the CETP:	Not applicable								
Membershi	p of CETP (if require):	Not applicable								
Note on ET	P technology to be used	Not applica	Not applicable							
Disposal of	the ETP sludge	Not applica	ble							
		38.Ha	zardous	Waste	e D	etails		C_		
Serial Number	Description	Cat	UOM	Existir	ng	Proposed	Total	Method of Disposal		
1	Not applicable	Not applicable	Not applicable	Not applical	ble	Not applicable	Not applicable	Not applicable		
39.Stacks emission Details										
Serial Number	Section & units	units Fuel Used wi Quantity		Stack No.		Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	3 x 1250	Η	SD	03		as per CPCB	0.5	90		
	40.Details of Fuel to be used									
Serial Number	Type of Fuel		Existing Proj			Proposed		Total		
1	HSD	Not applicable HSD			HSD		HSD			
41.Source of	f Fuel	Nearby pump								
42.Mode of	Transportation of fuel to	site By road								
	Total RG a	rea: 1185.36								
	No of trees	s to be cut	00							
43.Gree	n Belt Number of be planted	f trees to	179							
Develop	ment List of pro native tree	posed es :	All native							
	Timeline for completion plantation	or n of :	3 yrs							
	44.Number and	l list of t	rees spe	cies to	b b	e planteo	d in the	ground		
Serial Number	Name of the plant	Commo	n Name	C	)ua	ntity	Charact	eristics & ecological importance		
1	Cassia fistula	Bah	awa	Medium sized deciduous tree       15     Medium sized deciduous tree       beautiful tree for small garde       parks and along medium and s       roads excellent yellow       inflorescence			sized deciduous tree. A tree for small gardens, along medium and small s excellent yellow inflorescence			
2	Anthocephalus kadamba	Kadamba	1	2	Large sized deciduous tree strong branching pattern.The fragrant orange flowers attract pollinators / butterflies					
------------------	----------------------------	--------------------------------	-----------	-----------	---	--	--	--	--	--
3	saraca indica	Sita ashok	1	5	Evergreen tree, with deep green leaves growing in dense clusters.					
4	Bauhinia racemosa	Apta	2	2	In Maharashtrian families it is customary to exchange leaves of the Aapta tree on the Hindu festive day of Dussehra. An act known as exchanging Gold—pointing to the special significance of the plant on that particular day					
5	Lagerstromia speciosa	Tamhan	1	3	It is fast growing plant					
6	Albizia lebbeck	Shirish	1	4	Large sized deciduous tree. The tree has a graceful appearance and beautiful foliage					
7	Bauhinia blackiana	Bauhinia blackiana kanchan raj		6	Small sized deciduous tree. It is suitable for roadside planting and also used for group planting or as specimen tree in large lawns.					
8	Erythrina variegata	Pangara	1	0	It is an ornamental tree					
9	Nyctanthes arbortristic	parijatak	2	2	Flower bearing plant					
10	Derris indica	karanj		0	The oil from this tree is not edible but can produce bio-gas Karanja is a herbal medicine used in Ayurveda which predominantly is used in treating skin diseases					
11	1 Azadirachta indica neem		1	2	Neem leaves are dried in India and placed in cupboards to prevent insects eating the clothes, and also in tins where rice is stored. Neem leaves are dried and burnt in the tropical regions to keep away mosquitoes.					
12	12 Mangifera indica		1	0	different parts of the mango tree, both as food and medicine. Extracts of the bark, leaves, stems, and unripe fruits have demonstrated antibiotic properties in vitro, and are used in traditional medicine					
13	Psidiumguajava	Guava	ξ	}	Fruits are edible and leaves used as medicine					
45	5.Total quantity of plan	ts 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	nce		Area m2					
1	NA	NA			NA					
	47.Energy									



		Source of p supply :	power	MSEDCL					
Power requirement:		During Cor Phase: (De Load)	nstruction mand	25 KW					
		DG set as I back-up du constructio	Power Iring on phase	62.5 KVA					
		During Ope phase (Cor load):	eration inected	4052.05 kVA					
		During Op phase (Der load):	eration nand	3039.04 kV	3039.04 kVA				
		Transform	er:	6 x 630 kVA	A, 1 x 3	15 kVA			
		DG set as I back-up du operation j	Power Iring phase:	3 x 1250 kV					
		Fuel used:		HSD					
		Details of l tension lin through th any:	high e passing e plot if	NA					
		48.Ene	rgy savi	ng by no	n-co	nventional method:			
Energy Sav fixture.	ing using So	lar Based PV	system for	Street Lighti	ng and	Energy saving with using T5/LED energy efficient			
		49	9.Detail	calculati	ons	& % of saving:			
Serial Number	Energy Conservation M			easures	easures Saving %				
1	Energy saving with using T5/LED fixture.			energy efficient 1% of connected Load					
2	Energy sa	aving with us f	ing T5/LED ïxture.	energy effici	energy efficient 1% of connected Load				
		50.	Details	of polluti	ion c	control Systems			
Source	Ex	isting pollu	tion contro	ol system Proposed to be installed					
DG set			NA	Stack					
Budgetary	allocation	Capital cos	st:	250000					
O&M	cost and cost):	O & M cost	t:	50000					
51	Enviro	onment	al Mar	nageme	ent j	plan Budgetary Allocation			
		a) (	C <mark>onstru</mark> c	c <mark>tion ph</mark> a	se (	with Break-up):			
Serial Number	Attri	butes	Parai	meter		Total Cost per annum (Rs. In Lacs)			
1	Air Environment Water F Suppr		For Dust ression		0.32				
2	Air Environment Air & monit		Noise toring		0.48				
3	Water En	vironment	Tanker v constr	water for ruction		1.08			
4	Water En	vironment	Water m	onitoring		0.60			

hote			Name: Kart Amil D
K.s. Langets			Signature: Ach-
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 38	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

5	Land Ei	nvironment	Site Sanitation		8.10						
6	Bio Envir	logical ronment	Gard	ening					2.50		
7	Bio Envir	logical ronment	Top soil pi	reservati	on			0.19			
8	Socio- Envir	Economic ronment	Socio- E Enviro	conomic onment	;				7.82		
		ł	o) Operat	ion Pl	ıas	e (wi	th Breal	k-up	):		
Serial Number	Com	ponent	Descr	iption		Capi	tal cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1		STP	S	ΤР			30,00000			20000	00
2	(	DWC	10	NC			800000			4000	0
3	Enviro Mor	onmental hitoring	Enviror Moni	nmental toring			00			11260	00
4	Lan	dscape	Land	scape			887000			10700	00
5	Energy Sa er	aving + Solar hergy	Energy Sav	ving + So ergy	olar		250000			5000	0
6	Basemen	t ventillation	Fresh air / exhaust air fire rated dual speed fans, Jet fans, panel , cabling and CO based control system		air ed el, sed	5500000		700000			
7	F	RWH	RV	WH		400000		40000			
8	W	later	Tanker wa	ater supp	oly				1022000		
9	Basement	t Dewatering	-			900000		300000			
51.S	torage	e of che	emicals	(infl sub	an sta	nabl ance	e/explo es)	osiv	/e/haz	zardou	s/toxic
Description		Status	Locatio	Location		orage pacity 1 MT	orage Dacity MT MT MT MT MT MT MT MAXIMUM Quantity of Storage at any point of time in MT		umption onth in MT	Source of Supply	Means of transportation
Not applicable Not Applicable N		Not applica	able	] app	Not licable	Not applicable	Not a	pplicable	Not applicable	Not applicable	
			52.A	ny Ot	her	Info	rmation	1			
No Informa	tion Availa	ble									
	5		53.	Traffi	c N	Iana	gement				
	Nos. of the junction to the main road & design of confluence:     Traffic generated from this project will confluent on existing 24 m wide										



	Number and area of basement:	No. of Basement: 03 Area of Basement: 16295 sqm						
	Number and area of podia:	NA						
	Total Parking area:	20433.47 Sqm						
	Area per car:	12.5 Sqm						
	Area per car:	12.5 Sqm						
Parking details:	Number of 2- Wheelers as approved by competent authority:	1729						
	Number of 4- Wheelers as approved by competent authority:	684						
	Public Transport:	Nearest Bus Stop: Baner						
	Width of all Internal roads (m):	6m and 9m						
	CRZ/ RRZ clearance obtain, if any:	Not Applicable						
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 15 km						
	Category as per schedule of EIA Notification sheet	8 (a) B2						
	Court cases pending if any	Not Applicable						
	Other Relevant Informations	None						
	Have you previously submitted Application online on MOEF Website.	Yes						
	Date of online         16-02-2018							
SEAC	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 Commercial Development, Solitaire Business Hubat Sr. No 121/1+2/1, (Old) 121/1A/2/1 (New) Baner by **M/s Atul Builders.** 

PP submitted their application for Amendment of Environmental clearance fortotal plot area of 18205.08Sq. Mtrs, BUA of57889.21Sq. Mtrs and FSI area of 30223.83Sq. Mtrs.PP proposes to construct 1 no. commercial tower.

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 E-waste NOC.

2) PP to submit revised geohydrological report.

**3)** PP to submit STP details.

4) PP to submit energy saving calculations along with renewable energy details

5) PP to submit undertaking for implementation of CER.

## FINAL RECOMMENDATION

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

conditions



### Agenda of 69 th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 69 Meeting Date August 30, 2018

L				-			
L	Subject	Fnvironment	Clearance	for	Fnvironment	Clearance	for Project
н	Jubjecti		orouranoo	TOT		orourunoo	101 110 000

Is a Violation Case: No							
1.Name of Project	Nirman Altius						
2.Type of institution	Private						
3.Name of Project Proponent	Nirman Associates						
4.Name of Consultant	MITCON Consultancy & Engineering Services 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	S. No. 7/2, Village Kharadi, Tal. Haveli, Dist. Pune, Maharashtra						
9.Taluka	Haveli						
10.Village	Kharadi						
Correspondence Name:	Mr. Sandeep Maheshwari						
Room Number:	205,						
Floor:	Second Floor,						
Building Name:	City Center.						
Road/Street Name:	Karve Road,						
Locality:	Opp. Ayurvedic Rasshala						
City:	Pune						
11.Area of the project	Corporation						
	IOD						
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: IOD						
	Approved Built-up Area: 35048.74						
13.Note on the initiated work (If applicable)	Part of A, B and C wing (Total area 13092.65 sqm) constructed as per previous LOI						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable						
15.Total Plot Area (sq. m.)	10500 sqm						
16.Deductions	2936.88 sqm						
17.Net Plot area	6370.71 sqm						
	a) FSI area (sq. m.): 15947.21						
18 (a).Proposed Built-up Area (FSI Non-FSI)	b) Non FSI area (sq. m.): 19101.53						
	c) Total BUA area (sq. m.): 35048.74						
	Approved FSI area (sq. m.):						
18 (b).Approved Built up area as pe DCR	Approved Non FSI area (sq. m.):						
DOR	Date of Approval:						
19.Total ground coverage (m2)	1489.58						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.38						
21.Estimated cost of the project	47000000						
22.Nun	nber of buildings & its configuration						
Serial number Building Name &	a number Number of floors Height of the building (Mtrs)						
K.S. Langet	Signature:						

K.S.Langote (Secretary SEAC-III) SEAC Meeting No: 69 Meeting Date: August 30, 2018

	Name: Roll Hmild
	Signature: Dela
<b>Page 42</b>	Shri. Anil Kale (Chairman
of 120	SEAC-III)

				_				
1	Wing			Parking+1st Floor Parking+12 floors			42.75	
2	Wing "B"			Basement+Ground+Stilt Parking+1st Floor Parking+14 floors			48.45	
3		Wing "C"		Basement	t + Ground Floor + Floor	11	35.64	
4		Club House		Grou	nd Floor + 1 floor		8.22	
23.Number tenants an	r of d shops	211 Flats a	nd 27 Comm	ercial		·		
24.Number expected r users	r of esidents /	1446					6	
25.Tenant per hectar	25.Tenant density per hectare 226							
26.Height building(s)	26.Height of the building(s)							
27.Right o (Width of t from the n station to t proposed h	27.Right of way Width of the road from the nearest fire station to the proposed building(s)							
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	9 m			×.000			
29.Existing structure (	g (s) if any	Part of A,B,	C Wing (Tota	al Area 1309	2.65 sqm) construc	ted as per tl	ne previous LOI received	
30.Details demolition disposal (I applicable	30.Details of the lemolition with disposal (If applicable)							
		7	31.P	roduct	ion Details	5		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/	M)	Total (MT/M)	
1	Not ap	plicable	Not app	olicable	Not applicable	<u>,</u>	Not applicable	
	32.Total Water Requirement							



		Source of	water	Pune Munic	cipal Corpora	ation (PMC)					
		Fresh wate	er (CMD):	104.73							
Dry season:		Recycled w Flushing (	vater - CMD):	55.30							
		Recycled w Gardening	vater - (CMD):	6.30							
		Swimming make up (	pool Cum):	2.16							
		Total Wate Requireme :	er ent (CMD)	113.73							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	150				6			
		Fire fightin Overhead tank(CMD)	ng - water ):	20000							
		Excess trea	ated water	89.85							
Source of water			Pune Munic	cipal Corpora	ation (PMC)						
		Fresh wate	er (CMD):	104.73							
		Recycled w Flushing (	vater - CMD):	55.30							
		Recycled w Gardening	vater - (CMD):	0.00							
		Swimming make up (	pool Cum):	2.16							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	113.73	113.73						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	150							
		Fire fightin Overhead tank(CMD)	ng - water ):	20000							
Excess t		Excess trea	ated water	83.55							
Details of Swimming pool (If any) Swimming pool											
33.Details				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:	Pre monsoon: 6.0 m, Post monsoon: 4.5 m				
34.Rain Water	Size and no of RWH tank(s) and Quantity:	Not Applicable				
	Location of the RWH tank(s):	Not Applicable				
	Quantity of recharge pits:	5				
Harvesting (RWH)	Size of recharge pits :	2.00 m x 2.00 m x 1.50 m				
	Budgetary allocation (Capital cost) :	3.75 lakhs				
	Budgetary allocation (O & M cost) :	1.00 lakhs				
	Details of UGT tanks if any :	Domestic water tank 1: 1,20,000 Liter Dinking water tank 2: 24,000 Liter Commercial water tank: 32,000 Liter Firefighting tank: 1,50,000 Liter				
25 Storm water	Natural water drainage pattern:	East to West				
drainage	Quantity of storm water:	462.00 cum/hr				
	Size of SWD:	300 mm				
	Sewage generation in KLD:	152.79				
	STP technology:	Fluidized Aerobic Bio-reactor (FAB)				
Sewage and	Capacity of STP (CMD):	1 No. with capacity 160 KLD				
Waste water	Location & area of the STP:	As shown in the drawing				
	Budgetary allocation (Capital cost):	28.00 Lakhs				
	Budgetary allocation (O & M cost):	7.00 Lakhs				
	36.Solie	d waste Management				
Waste generation in	Waste generation:	12.63 KG				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Through authorize vendors				
	Dry waste:	244 Kg/day				
	Wet waste:	365 Kg/day				
Waste generation	Hazardous waste:	Nil				
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	4.5 Kg/day				
	Others if any:	NA				

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 45 of 120	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	-------------------	--

		Through Municipal authority /Authorized vendors							
		Wet waste	•	Through Or	ough Organic waste converter				
		Hazardous	waste:	Not Applica	able				
Mode of Disposal of waste: Biomedica applicable		Biomedica applicable	l waste (If ):	Not Applica	able				
		STP Sludg sludge):	e (Dry	For Garden	ing				
		Others if a	ny:	Not Applica	able				
		Location(s	):	As shown in	n the dra	awing	J		
Area requirem	ent:	Area for th of waste & material:	e storage other	43 sqm					
		Area for m	achinery:	25 sqm					
Budgetary	allocation	Capital cos	st:	15.00 Lakh	S				
(Capital co O&M cost)	st and	0 & M cos	t:	2.50 Lakhs					
			37.Ef	fluent C	harec	ter	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 apj	olicable	Not applicable
Amount of e (CMD):	Not applicable								
Capacity of	the ETP:		Not applica	Not applicable					
Amount of t recycled :	reated efflue	ent	Not applica	Not applicable					
Amount of v	water send to	o the CETP:	Not applica	ble	5				
Membershi	p of CETP (if	f require):	Not applica	ble					
Note on ET	P technology	v to be used	Not applica	ble					
Disposal of	the ETP sluc	lge	Not applica	ble					
			<b>38.H</b> a	zardous	Wast	te D	etails		
Serial Number	Descr	iption	Cat	UOM	Existi	ing	Proposed	Total	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	Not applica	t able	Not applicable	Not applicable	Not applicable
			39.St	acks em	ission	n De	etails		
Serial Number	r Section & units Fuel Us Qua		Fuel Us Qua	ed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not app	plicable	Not apj	Not applicableNot applicableNot applicableNot applicable					
			40.De	tails of <b>F</b>	<sup>r</sup> uel to	o be	e used		
Serial Number	Тур	e of Fuel		Existing			Proposed		Total
1	Not	applicable	Ν	lot applicabl	е	N	lot applicabl	е	Not applicable
41.Source of	of Fuel		Not a	pplicable					
42.Mode of	Transportat	ion of fuel to	site Not a	pplicable					



		-							
		Total RG a	rea :	930.76 sqm					
		No of trees	to be cut	NII					
43.Green Belt		Number of be planted	trees to	100					
Develop	ment	List of prop native tree	posed s :	Jamun, Nee Mahigani, N	m, Bakul, Ka ⁄Iango, Kaila	nchan, Sono shpati	chafa, Fish tail Palm, Palas,		
		Timeline for completion plantation	or 1 of :	Two month	s after projec	ct completion	n		
	<b>44.Nu</b>	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	Quar	ntity	Characteristics & ecological importance		
1	Syzygiu	mcumini	Jan	nun	(*)	}	Shady tree, windbreak, ornamental, edible fruit		
2	Azadirac	htaindica	Ne	em	6	5	Avenues roadsides for shade, ornamental use, used as windbreak, purifies air		
3	Mimuso	pselengi	Ba	kul	1	4	Medium sized evergreen tree		
4	Bauhinia	a purprea	Kan	chan	4		Medicinal plant and also used to make fiber ,tree is extremely drought resistant		
5	Micheliad	champaca	Sono	chafa	afa 12		It is best known for its strongly fragrant yellow or white flowers.		
6	Caryot	aurens	Fish ta	il palm 💊	11		Slow growing, attractive tree		
7	Buteamo	nosperma	Pa	Palas 6		5	Used to provide shade , Medium- sized semi-evergreen tree.		
8	Erythrii	naindica	Pan	gara	1	2	Flowering , Medium sized deciduous tree		
9	Plumer	ria alba	Plumer	ria alba	1	0	Attractive to bees, butterflies & birds, very ornamental		
10	Magnife	eraindica	Ma	ngo	(**)	}	Fruit tree with medium canopy can be used for shed too.		
11	Lagers flosregir	troemia nae Retz.	Tam	ihan	8	}	Ornamental flowering plant.		
12	Couroupita	nguianensis	Kailas	shpati	2	2	Flowering tree with medicinal property		
13	Khayaanthotheca Mah		ogany	g	)	Used to provide shade , Medium- sized semi-evergreen tree. It is used for ship making and furniture making work.			
45	5.Total qua	ntity of plan	ts on grou	nd					
46.Nun	nber and	list of sh	nrubs an	d bushes	s species	to be pla	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1		NA		NA			NA		
47.Energy									



		Source of power	MSFDCL				
		supply :	MOLDOL				
		During Construction Phase: (Demand Load)	75 W				
		DG set as Power back-up during construction phase	82 KVA 1 NO.				
Der		During Operation phase (Connected load):	1168 KW				
require	ement:	During Operation phase (Demand load):	590 KW				
		Transformer:	630 KVA, 1 No.				
		DG set as Power back-up during operation phase:	82 KVA 1 NO.				
		Fuel used:	13.8 Lit/Hr @75% loading				
		Details of high tension line passing through the plot if any:	NA				
		48.Energy savi	na by non-ca	nventional method:			
Use of CFL Solar power Electronic V Solar PV Pa	/ LED lamps / LED lamps red water he /3F Drives fo nel power fo	in all public/ common light in all public/ common ar ating . or Elevators or common area lighting.	ing reas.				
		49.Detail	calculations	$\int 0/af a rimer$			
Serial	_			$\propto \%$ of saving:			
Number	E	nergy Conservation M	easures	Saving %			
Number 1	E: Solar	nergy Conservation M r Energy for Outdoor/Str	easures eet lighting	Saving % 7965 KWH/Annum			
Number 1 2	E	nergy Conservation M E Energy for Outdoor/Str Auto Timer Logic Contr	easures eet lighting coller	X % Of Saving: Saving % 7965 KWH/Annum 31649.88 KWH/Annum			
Number123	E	nergy Conservation M Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for	easures eet lighting coller : Lifts	Saving %           7965 KWH/Annum           31649.88 KWH/Annum           9802.44 KWH/Annum			
Number           1           2           3           4	E	nergy Conservation M r Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater	easures eet lighting roller r Lifts	Saving %           7965 KWH/Annum           31649.88 KWH/Annum           9802.44 KWH/Annum           293712.00 KWH/Annum			
Number           1           2           3           4	E	nergy Conservation M E Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater 50.Details	eet lighting coller c Lifts c of pollution	X % of Saving: Saving % 7965 KWH/Annum 31649.88 KWH/Annum 9802.44 KWH/Annum 293712.00 KWH/Annum Control Systems			
Number           1           2           3           4           Source	E	nergy Conservation M E Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater 50.Details	eet lighting coller c Lifts c of pollution l system	Saving %         Saving %         7965 KWH/Annum         31649.88 KWH/Annum         9802.44 KWH/Annum         293712.00 KWH/Annum         Control Systems         Proposed to be installed			
Number1234SourceNotapplicable	Ex	nergy Conservation M Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater <b>50.Details</b> isting pollution contro Not applicable	easures eet lighting coller c Lifts c of pollution l system	X % Of Saving: Saving % 7965 KWH/Annum 31649.88 KWH/Annum 9802.44 KWH/Annum 293712.00 KWH/Annum Control Systems Proposed to be installed Not applicable			
Number 1 2 3 4 Source Not applicable Budgetary (Capital	Ex Solar Ex allocation	nergy Conservation M Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater 50.Details isting pollution contro Not applicable Capital cost:	easures eet lighting coller c Lifts of pollution l system 50.00 lakhs	Saving %         Saving %         7965 KWH/Annum         31649.88 KWH/Annum         9802.44 KWH/Annum         293712.00 KWH/Annum <b>control Systems</b> Proposed to be installed         Not applicable			
Number 1 2 3 4 Source Not applicable Budgetary (Capital O&M	Ex Solar Ex allocation cost and cost):	nergy Conservation M Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater 50.Details isting pollution contro Not applicable Capital cost: 0 & M cost:	easures eet lighting coller c Lifts of pollution l system 50.00 lakhs 1.50 lakhs	X % of Saving: Saving % 7965 KWH/Annum 31649.88 KWH/Annum 9802.44 KWH/Annum 293712.00 KWH/Annum Control Systems Proposed to be installed Not applicable			
Number 1 2 3 4 Source Not applicable Budgetary (Capital O&M	Ex Solar Ex allocation cost and cost): .Envirc	nergy Conservation Mo Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater <b>50.Details</b> isting pollution contro Not applicable Capital cost: 0 & M cost:	easures eet lighting coller c Lifts of pollution l system 50.00 lakhs 1.50 lakhs	X % of Saving: Saving % 7965 KWH/Annum 31649.88 KWH/Annum 9802.44 KWH/Annum 293712.00 KWH/Annum Control Systems Proposed to be installed Not applicable Plan Budgetary Allocation			
Number 1 2 3 4 Source Not applicable Budgetary (Capital O&M 51	Ex Solar Ex allocation cost and cost): .Enviro	nergy Conservation M Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater 50.Details isting pollution contro Not applicable Capital cost: 0 & M cost: onmental Mar a) Construe	easures eet lighting coller c Lifts of pollution l system 50.00 lakhs 1.50 lakhs agement ction phase (	X % of Saving: Saving % 7965 KWH/Annum 31649.88 KWH/Annum 9802.44 KWH/Annum 293712.00 KWH/Annum control Systems Proposed to be installed Not applicable plan Budgetary Allocation with Break-up):			
Number 1 2 3 4 Source Not applicable Budgetary (Capital O&M 51 Serial Number	Ex Solar Ex allocation cost and cost): .Enviro	nergy Conservation Ma Energy for Outdoor/Str Auto Timer Logic Contr Electronic V3F drive for Solar Water heater 50.Details isting pollution contro Not applicable Capital cost: 0 & M cost: DINMENTAL MAR a) Construct butes Para	eet lighting coller c Lifts of pollution l system 50.00 lakhs 1.50 lakhs hagement ction phase ( meter	X % of Saving: Saving % 7965 KWH/Annum 31649.88 KWH/Annum 9802.44 KWH/Annum 293712.00 KWH/Annum Control Systems Proposed to be installed Not applicable Plan Budgetary Allocation with Break-up): Total Cost per annum (Rs. In Lacs)			

hote			Name: Kare Anir D
K.S. Langer			Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 48	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

2	Site S Disinfec	te Sanitation, Site Sanitation, fection& Safety Disinfection& Safety		ety			2.00			
3	Envir Moi	onmental nitoring	Enviror Monit	Environmental Monitoring				0.15		
4	Disi	nfection	Disinf	ection				1.00		
5	Health	Check up	Health (	Check up	2			2.00		
			b) Operat	ion P	hase (v	vith Brea	k-up	):		
Serial Number	Con	ponent	Descr	iption	Ca	pital cost Rs Lacs	s. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	ST	'P Cost	STP	Cost		28.00			7.00	
2	Soli Man	d Waste agement	Solid Manag	Waste Jement		15.00			2.50	
3	Gre deve	en Belt lopment	Green develo	n Belt pment		7.00			1.00	
4	Rain wate	er harvesting	g Rain water	harvest	ting	3.75			0.50	
5	Energ equ	y Efficient ipments	Energy equip	Efficient ments	t	50.00			1.50	
6	Envir moi	onmental nitoring	Monitorin for air, wa water, soil noise	Monitoring charges for air, water, waste water, soil, DG stack, noise etc.		Nil			1.50	
7	Rain wat water ch	er and storm annelization	Rain water water char	r and sto nnelizati	orm ion	5.00		0.20		
8	Basemer	nt ventilation	Basement	ventilati	ion	2.00		0.50		
51.S	torag	e of ch	emicals	(infl	lamak	ole/expl	osiv	/e/haz	zardou	s/toxic
	0			sub	stand	ces)				
Descri	ption	Status	Location	n	Storage Capacit in MT	y Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	Not applicable app		Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her In	formatior	1			
No Informa	tion Availa	ble								
		74	53.	Traffi	c Man	agement				
	Nos. of the junction to the main road & design of confluence:     NA									



	Number and area of basement:	one basement
	Number and area of podia:	NA
	Total Parking area:	9716.22 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
Parking details:	Number of 2- Wheelers as approved by competent authority:	400
	Number of 4- Wheelers as approved by competent authority:	147
	Public Transport:	Yes
	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), B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>
5	Summorised i	n brief information of Project as below.
	Brief informa	tion of the project by SEAC



I

Environment Clearance for Environment Clearance for Project at S. No. 7/2, Village Kharadi, Tal. Haveli, Dist. Pune, Maharashtra by **M/s. Nirman Associates.** 

PP submitted their application for prior Environmental clearance fortotal plot area of 10500Sq. Mtrs, BUA of35048.74Sq. Mtrs and FSI area of 15947.21Sq. Mtrs.PP proposes to construct 3 no. residential building (wings) and 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:** 

PP to submit RG plan.
 PP to submit undertaking for CER activities.

Sil

## FINAL RECOMMENDATION

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



### Agenda of 69 th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 69 Meeting Date August 30, 2018

Subject: Environment Clearance for Amendment in Residential & Commercial Development project at Wakad Pune Maharashtra						
Is a Violati	Is a Violation Case: No					
1.Name of Proj	ject	Proposed Residential &	Commercial Development			
2.Type of instit	tution	Private				
3.Name of Proj	ject Proponent	Mr Vinayak Jogdeo				
4.Name of Con	sultant	ULTRA - TECH				
5.Type of proje	ect	Residential and Comme	rcial development			
6.New project/ project/modern in existing proj	expansion in existing nization/diversification ject	Amendment		Ć		
7.If expansion/ whether environ has been obtain project	diversification, onmental clearance ned for existing	Yes, we have obtained p	orevious EC vide letter SEAC 2015/CR13/TC - 13	dated 25th January 2016.		
8.Location of t	he project	S. No. 131/1,131/2+3+4+6/1,7 Of Wakad	131/2+36/3,131/2+3+6/4,131/2+3+6/5,131/2+3-	+6/6,131/5,131/7/1,132/1,132/2,132/3,132/5,132/6		
9.Taluka		Haveli				
10.Village		Wakad				
Correspondence	ce Name:	Mr.Vinayak Jogdeo				
Room Number	:	NA				
Floor:		IInd Floor				
Building Name	<b>:</b>	City Point				
Road/Street Na	ame:	Dhole Patil Road				
Locality:		Pune				
City:		Pune				
11.Area of the	project	Pimpri-Chinchwad Municipal Corporation				
12.IOD/IOA/Concession/Plan						
Approval Num	ber	IOD/IOA/Concession/I	Plan Approval Number: IOA Received			
12 Note on the	initiated work (If	Approved Built-up Ar	ed: 84209.08			
applicable)	IOD from MHADA/	We have initiated work	as per old EC			
Other approval	ls (If applicable)	NA	>*			
15.Total Plot A	area (sq. m.)	68,605.25 Sqm				
16.Deductions		8547.03 Sqm				
17.Net Plot are	ea	48433.16 Sqm				
18 (a) Proposo	d Ruilt-un Aroa (FSL&	a) FSI area (sq. m.): 8	4,269.68			
Non-FSI)	u Dunt-up Alea (151 a	b) Non FSI area (sq. m.): 81,806.18				
		c) Total BUA area (sq	. m.): 166075.86			
18 (b),Approve	d Built up area as per	Approved FSI area (so	<b>I. m.):</b> 84,269.68			
DCR		Approved Non FSI are	ea (sq. m.):			
10 Total mean		Date of Approval: 27-0	06-2018			
20.Ground-cov (Note: Percent	rerage Percentage (%) age of plot not open	20				
to sky)	5. VI					
21.Estimated o	cost of the project	608000000				
	22.Ni	umber of h	ouildings & its confi	guration		
Serial number	Building Nan	ne & number	Number of floors	Height of the building (Mtrs)		
1	A Bldg	(Resi.)	2P + 13	38.35		
2	B Bldg.	(Resi.)	2P + 13	38.35		
3	C Bldg.	(Resi.)	2P + 13	38.35		
4	D Bldg.	(Resi.)	2P + 13	38.35		

K.S.Langote (Secretary<br/>SEAC-III)SEAC Meeting No: 69 Meeting Date: August 30,<br/>2018Page 52<br/>of 120Name: Kare Arrito<br/>Signature:<br/>Shri. Anil Kale (Chairman<br/>SEAC-III)

5	E	E Bldg. (Resi.	)		2P + 19		56.05
6	I	F Bldg. (Resi.	)	2P + 19			56.05
7	(	G Bldg. (Resi.	)		2P + 13		38.35
8	ŀ	I Bldg. (Resi.	)	2P + 13			38.35
9	]	l Bldg. (Resi.)			2P + 13 38.35		
10	J	Bldg. (Resi.)	)		2P + 13		38.35
11		K Bldg (Resi)			B+2P + 13		37.70
12		K1 Comm.			G+Mezz.		7.20
13		K2 Comm.			G+0		5.40
14		K3 Comm.			G+0		5.40
15		K4 Comm.			G+0		5.40
16	М	Bldg. (Comm	n.)	LP·	+G+Mezz+10.5	5	46.75
17	1	N Bldg. (Resi	)		P + 13		38.35
18	EI	WS Bldg. (Res	si)		P + 11		31.90
23.Number tenants an	r of d shops	No. of Tener Shops: 78 Offices:178	ments: 977				
24.Number expected r users	24.Number of expected residents / users       Residential: 4885 Nos. and Floating: 3080 Nos.						
25.Tenant per hectar	density e	nsity 142 Tenant / hectare					
26.Height building(s)	of the )						
27.Right o (Width of the from	f way the road earest fire the puilding(s)	Nearest Fire proposed bu	e Station at iilding -24m	Hinjewadi & . wide road a	Width of the ro butting to site	oad from the	e nearest fire station to the
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	29.Existing structure (s) if any We have initiated work as per old EC						
30.Details demolition disposal (I applicable	30.Details of the demolition with disposal (If applicable) Not any						
			31.P	roduct	ion Deta	ails	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (	MT/M)	Total (MT/M)
1	Not app	plicable	Not app	plicable	Not applie	cable	Not applicable
	<b>32.Total Water Requirement</b>						



		Source of wa	ter	PCMC					
		Fresh water	(CMD):	475					
		Recycled wat Flushing (CM	er - ID):	328					
		Recycled wat Gardening (C	er - CMD):	39					
		Swimming po make up (Cu	ool m):	11					
Dry season	1:	Total Water Requirement :	(CMD)	853					
		Fire fighting Underground tank(CMD):	- l water	575				6	
		Fire fighting Overhead wa tank(CMD):	- ter	280					
		Excess treate	ed water	324					
		Source of wa	ter	PCMC					
		Fresh water	(CMD):	475					
		Recycled wat Flushing (CM	er - ID):	328					
		Recycled wat Gardening (C	er - CMD):	0					
		Swimming po make up (Cu	ool m):	11					
Wet seaso	1:	Total Water Requirement :	(CMD)	813					
		Fire fighting Underground tank(CMD):	- l water	575					
		Fire fighting Overhead wa tank(CMD):	ter	280					
		Excess treate	d water	363					
Details of S pool (If any	Swimming y)	<ul> <li>Dimension o</li> <li>Main Pool: 1</li> <li>Kids Pool: 7r</li> <li>Total water 1</li> <li>Water require</li> </ul>	f Swimmi 3m X 25n n X8m X ( Requirem rement for	ng Pool: n X 1.2m ).45m ent in KL: 41 r make up in	5.2 KLD: 8				
	5	33.	Detail	s of Tota	l water co	nsume	d		
Particula rs	Cons	sumption (CM	D)	Loss (CMD) Effluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requireme nt	438	36	474	43 4 47 395 33 428					
Domestic	285	43	328	37	5	32	334	38	372
Gardening	39	0	39	0	0	0	0	0	0

hote			Name: Kare Amir D
K.s. Langots			Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 54	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

	Level of the Ground water table:	12-15m				
	Size and no of RWH tank(s) and Quantity:	4 tanks of total quantity 600 KL				
	Location of the RWH tank(s):	As per layout				
34.Rain Water Harvesting	Quantity of recharge pits:	NA				
(RWH)	Size of recharge pits :	NA				
	Budgetary allocation (Capital cost) :	90 Lacs				
	Budgetary allocation (O & M cost) :	2.00 Lacs/ annum				
	Details of UGT tanks if any :	NA				
	Natural water drainage pattern:	W to E				
35.Storm water drainage	Quantity of storm water:	0.30 m3/Sec				
	Size of SWD:	600 mm dia				
	•					
	Sewage generation in KLD:	689				
	STP technology:	Phytorid Technology				
Sewage and	Capacity of STP (CMD):	638 and 86 KL				
Waste water	Location & area of the STP:	As marked on drawing and area provided 950 Sq. m.				
	Budgetary allocation (Capital cost):	275 Lasc				
	Budgetary allocation (O & M cost):	15 Lacs/Annum				
	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:	Cutting= 44589 m3, filling= 37541 m3 and remaining shortfall to be filled with during construction debris.				
	Dry waste:	1341 kg/day				
	Wet waste:	1699 kg/day				
Waste generation	Hazardous waste:	nil				
in the operation Phase:	Biomedical waste (If applicable):					
	STP Sludge (Dry sludge):	100kg/day				
	Others if any:	NA				

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 55 of 120	Name: Kare Ami D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	-------------------	--

Dry waste:						Handed over to authorized recyclers (SWACH)							
		Wet	waste	:		OWC composting machine							
	rdous	wast	e:	NA									
Mode of a of waste:	edica cable	l was ):	te (If	NA									
STP Sludg sludge):					y	Used as Manure							
		Othe	rs if a	ny:		NA							
		Loca	tion(s	):		As per layo	ut						
Area requirem	ent:	Area of wa mate	for th ste & rial:	e sto othe	rage r	90 Sq. mt.							<u>^</u>
		Area	for m	achin	ery:	90 Sq. mt.							
Budgetary	allocation	Capit	tal cos	st:		35.08 Lacs							
(Capital co O&M cost)	st and :	0 & 1	M cos	t:	9.40 Lacs/annum								
				3	<b>7.Ef</b>	fluent C	hare	cter	estic	s			7
Serial Number	Paran	neters		U	nit	Inlet E Charect	ffluer eresti	nt ics	O Cl	utlet I narect	Efflue æresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	Not applicable Not applicable			lot Icable	Not ap	plicabl	e	ľ	Jot apj	plicabl	e	Not applicable
Amount of effluent generation (CMD): Not applicable													
Capacity of the ETP: Not applicable						ble	le						
Amount of treated effluent Not applicable													
Amount of water send to the CETP: Not applicable													
Membership of CETP (if require): Not applicable													
Note on ET	P technology	v to be	used	Not a	applica	ble							
Disposal of	the ETP sluc	lge		Not a	applica	ble							
				3	<b>8.H</b> a	zardous	Was	ste D	etai	ls	_		
Serial Number	Descr	iption		С	at	UOM	Exis	ting	Proposed		То	tal	Method of Disposal
1	-	- (											
				3	39.St	t <mark>acks em</mark>	issio	on De	etail	S			
Serial Number	Section	& uni	ts	F	uel Us Qua	ed with ntity	Stac	k No.	Hei fro gro level	ght om und (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1		-		HSD Day Oil Tank 3 Nos. 2.5 Mtr above habitabl space				Mtr ove table ace	150: 100: 100	mm, mm, mm	300		
				4	0.De	tails of F	uel	to be	e use	ed			
Serial Number Type of Fuel				Existing			Prop	osed			Total		
1 HSD					NA			HS	SD				
41.Source o	f Fuel				Near	by pump							
42.Mode of	Transportat	ion of i	fuel to	site	By ro	ad							
K.S.Langote (Secretary SEAC-III)       SEAC Meeting No: 69 Meeting Date: August 30, 2018       Page 56 of 120       Name: K a?t A mining Signature: August 30, of 120					ne: Kart Amin D nature: Accolor Anil Kale (Chairman -III)								

		Total RG a	rea :	5355.57 Sq	m					
43.Green Belt		No of trees :	to be cut	0						
		Number of be planted	Number of trees to be planted :		720 Nos.					
Develop	ment	List of prop native trees	oosed s :	As given be	low in "List o	of proposed j	plantation on ground"			
		Timeline for completion plantation	neline for npletion of ntation :		Before occupancy					
44.Number and list of trees species to be planted in the ground										
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity	Characteristics & ecological importance			
1	Cassia	fistula	Bah	ava	4	5	Flowering bearing tree			
2	Tabebu	ia rosea	Pink Trui	npet tree	6	9	Flowering bearing tree			
3	Tabebuia	a argentia	Trump	et tree	4	0	Flowering bearing tree			
4	Michelia champaka		Cha	mpa	4	2	Flowering bearing tree			
5	Pongamia pinnata		Karanj		40		Evergreen tree			
6	Bauhinea purpurea		Kan	chan	6	8	Flowering bearing tree			
7	Murraya koengii		Kadi	patta	2	0	Evergreen tree			
8	Plumeria alba Ch		afa	7	2	Flowering bearing tree				
9	Peltop	Peltopherum Copper		pod tree	d tree 41		Evergreen tree			
10	Saraca	a indica	Sita a	ashok	iok 21		Flowering bearing tree			
11	Putranjiva	roxburghii	Putra	njiva 35		5	Evergreen tree			
12	Erythrir	na indica	Indian c	oral tree	e 49		Flowering bearing tree			
13	Nycta arbor	anthes tristis	Parij	jatak	3	8	Flowering bearing tree			
14	Azadirac	hta indica	Ne	em	5	3	Deciduous tree			
15	Mangife	ra indica	Ma	ngo	2	0	Evergreen fruit bearing tree			
16	Psidium	guajava	Gu	ava	2	2	Evergreen fruit bearing tree			
17	Syzygiur	n jambos	Jan	nun	1	6	Evergreen fruit bearing tree			
18	Manikar	ra Zapota	Chikoo		2	5				
19	Ficus R	leligiosa	Pimple		C 4	2				
20	Ficus ber	benghalensis Vade		.de	r 4	2				
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	nce		Area m2			
1		NA		NA			NA			
				47.EI	nergy					



		Source of g supply :	power	MSEDCL				
		During Co Phase: (De Load)	nstruction emand	62 kVA				
Power requirement:		DG set as back-up du construction	Power 1ring on phase	62.5 kVA	62.5 kVA			
		During Op phase (Cor load):	eration nnected	6286 KW / 78	57 K	VA		
		During Operation phase (Demand load):		3517 KW / 43	96 K	VA		
		Transform	er:	7 Nos x 630 k	KVA ·	+ 1 No x 315 KVA		
		DG set as back-up du	Power ıring phase:	1 No. 125 KV	A,1 1	No. of 160KVA and 1 No. 365 KVA		
		Fuel used:		HSD				
		Details of tension lin through th any:	high le passing le plot if	NA		000		
		48.Ene	ergy savi	ng by non	- <b>CO</b> I	nventional method:		
Energy Sav Energy savi	ing using So ng with usin	lar Based PV .g T5/LED en	v system for lergy efficier	Street Lighting nt fixture.				
		4	9.Detail	calculatio	ns	& % of saving:		
Serial	Е	nerav Cons	ervation M	easures		Saving %		
Number	Energy	Saving using	Solar Based	PV system for	-			
1		Stre	et Lighting		- 	1% of connected Load		
2	Energy sa	aving with us	sing T5/LED fixture	energy efficient 37 %				
		50	.Details	of pollutio	on c	control Systems		
Source	Ex	isting pollu	tion contro	ol system		Proposed to be installed		
Waste water		6				STP		
Solid waste						OWC		
Emmission						DG		
Budgetary	allocation	Capital cos	st:	50 Lacs				
(Capital O&M	cost and cost):	O & M cos	t:	1.5 Lacs/annu	ım			
51.Environmental Management plan Budgetary Allocation						olan Budgetary Allocation		
		a)	Construe	ction phas		with Break-up):		
Serial Number	Attri	butes	Para	meter		Total Cost per annum (Rs. In Lacs)		
1	Imperiation     Water H       1     Air Environment     Suppress Noise mage			For Dust sion Air & 0.72 onitoring				

K.S. Langets			Name: Kare Amir D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 58	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

2	Air En	vironment	Air & Noise monitoring			1.92			
3	Water E	nvironment	Tanker water for construction	r	0.72				
4	Water E	nvironment	Water monitorin	g	0.6				
5	Land E	nvironment	Mobile toilets			6.75			
6	Land E	nvironment	Cost towards roya of debris moveme	lty ent		11.00			
7	Bio Envi	ological ronment	Gardening			6.0			
8	Socio- Economic Environment Socio- Economic Environment Sacilities and I Check Up			st 1 1th		2.63	C		
9	Socio- Envi	Economic ronment	Creche for childre	en		3.0			
10	Socio- Envi	Economic ronment	Personal protective equipment	ve		2.45			
11	Cost To	wards DMP	Capital Cost			56.93			
12	Cost To	wards DMP	O & M Cost			0.90			
			<b>b) Operation P</b>	hase (w	ith Brea	k-up):			
Serial Number	Com	ponent	Description	Сар	ital cost Rs Lacs	. In Opera	Operational and Maintenance cost (Rs. in Lacs/yr)		
1		STP	Waste water		275.00		15.00	)	
2	Rain wate	er harwestin	g RWH tank		90.00			I	
3	3 Environmental Monitoring		Ambient Air quali Noise level, Exhau from DG set, drink water, sewage fro STP as per EP Ac Manure	ty, ist ing Mol m t,	MoEF CC approved laboratory		21.96	ô	
4	Renewa	able energy	Solar System		50.00		1.50		
5	Gar	rdening	Gardening		60.00		6.00		
6	Soli mana	d waste agement	OWC costing		35.08		9.40		
7	Swim	ming pool			82.00		2.00		
8	Basemer & De	nt ventilatior watering	1		9.93		0.70		
9	Cost To	wards DMP			796.10		48.09		
51.S	torag	e of ch	emicals (inf	amab	le/expl	osive/ha	zardou	s/toxic	
			sub	stance	es)				
Descri	ption	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 app	licable	applicable	Not applicable	applicable	Not Not applicable Not a		applicable	Not applicable	

K.S. Langets			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 59	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

#### **52.Any Other Information** No Information Available **53.Traffic Management** Nos. of the junction to the main road & Traffic generated from this project will confluent on existing 24m wide design of road and proposed 18m wide DP Road confluence: Number and area of 0 **basement**: Number and area of 1 podia: **Total Parking area:** 22650 Sqm Area per car: 30 Sqm Area per car: 30 Sqm Number of 2-Wheelers as **Parking details:** approved by 2792 Nos. competent authority: Number of 4-Wheelers as approved by 491 Nos. competent authority: **Public Transport:** Nearest Bus Stop: Wakad Width of all Internal 6m and 9m roads (m): **CRZ/ RRZ clearance** NA obtain, if any: **Distance from Protected Areas** / **Critically Polluted** NA areas / Eco-sensitive areas/ inter-State **boundaries Category as per** schedule of EIA 8 (b) B1 **Notification sheet** Court cases pending NA if any **Other Relevant** NA Informations Have you previously submitted No **Application online** on MOEF Website. Date of online submission SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS Summorised in brief information of Project as below.

## Brief information of the project by SEAC



M/s. Kolte Patil Developers.

Environment Clearance for Expansion of Residential & commercial development at Survey no. 131/1,131/2+3+4+6/1,131/2+36/3, 131/2+3+6/4,131/2+3+6/5,131/2+3+6 /6,131/5,131/7/1,132/1,132/2,132/3,1 32/5,132/6 at village Wakad,Tal.Haveli Pune.

PP submitted their application for prior Environment Clearance for total plot area of 68605.25 Sq. Mtrs, BUA of 166075.86 Sq. Mtrs and FSI area of 84269.68 Sq. Mtrs. PP proposes to construct 13 nos. of residential buildings, 5 no. of Commercial building having maximum height of 38.35 Mtrs.

PP obtained earlier EC vide letter No.SEAC-2015/CR-13/TC-III dated 25.01.2015 for plot area of 68605.25 Sq. Mtrs,,BUA of 1,44,858.11 Sq. Mtrs. and FSI area of 84,966.31 Sq.Mtrs. comprising of 13 nos.of residential buildings , 2 No. Now due to change in market scenario, PP applied for modification/amendment/ expansion in earlier EC.

In the light of EIA Notification 2006 and amendment thereof issued by MoEF, SEAC III is required to give TOR's to the proposals in the category 8(B) B1. The proposal was discussed on the basis of draft TOR as presented by the PP. All issues related to environment, including air, water, noise, soil, ecology and biodiversity and social aspects were discussed.and committee grant TOR.

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

## **DECISION OF SEAC**

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

**Specific Conditions by SEAC:** 

PP to submit revise plant trees list which help to increase biodiversity in same premises like fruit bearing etc.
 PP to revise derbies management plan along with cost and excess debris disposal.
 PP to submit CER activities in consultation with the affected people in the project area as per MoEF&CC circular dtd 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. Langets			Name: Kare Amin D. Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 61	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

#### Agenda of 69 th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 69 Meeting Date August 30, 2018

Subject: Environment Clearance for New Building Construction Project

#### Is a Violation Case: No

<table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container>							
2.Type of institutionDRA3.Num of Project ProponentNumica Num	1.Name of Project	Proposed Affordable Housing Scheme EWS/LIG along with convenient shopping in Sector 12 by PCNTDA, under PMAY					
3.Name of ProponetImpri Chinchwal New Town Development Authority (PCNTDA) through Strit, Prabbakar4.Name of ConsultantUita-Tech5.Type of projectResidential Project with convenient shops6.New project pransion in evidopment shopsIwo Project6.New project pransion in evidopment shopsIwo Project7.If expansion in evidopment shopsIwo Project7.If expansion in evidopment shopsIwo Project7.If expansion in evidopment shopsIwo Project8.Ioaction of the projectSine Road, Sector 12, PCNTDA, Pune 411049.IoakaHawi9.IoakaIwo Project9.IoakaIwo Project9.IoakaIwo Project10.NillogMain10.NillogIwo Administrative Building10.NillogIwo Administrative Building10.NillogIwo Administrative Building10.NillogIwo Administrative Building Corporation (PCMC)10.NillogIwo Administrative Building Corporation (PCMC)10.NillogIwo Administrative Building Corporation (PCMC)10.NillogIwo Administrative Building Corporation (PCMC)11.NillogIwo Administrative Building Corporation (PCMC)12.NillogIwo Administrative Building Corporation (PCMC)13.NillogIwo Administrative Building Corporation (PCMC)14.NillogIwo Administrative Building Corporation (PCMC)14.NillogIwo Administrative Building Corporation (PCMC)15.NillogIwo Administrative Building Corporation (PCMC)16.NillogIwo Administrative Building Corporation (PCMC)	2.Type of institution	TOR					
	3.Name of Project Proponent	Pimpri Chinchwad New Town Development Authority (PCNTDA) through Shri. Prabhakar Vasaikar					
5.4pr of project <ul> <li>Reidential Project with convenient shops</li> <li>Reidential Project with any shops</li> <li>Reidential Project</li> <li>Re</li></ul>	4.Name of Consultant	Ultra-Tech					
6. New project/expansion in existing project/modernization/diversification, whether environmental clearance, has been obtained for existing 	5.Type of project	Residential Project with convenient shops					
7.1f expansion/diversification, whethere environmental cleares on has been obtained for existing projectNot applicable8.1ocation of the projectSpine Road. Sector 12, PCNTDA, Pune 4110449.TalukaHaveli9.TalukaMoshi0.VillageMoshiCorrespondence Name:Executive Engineer Prabhakar VasaikarRoom Number:-7.1f expansion/diversified in projectMoshiBuilding Name:New Administrative Building New Administrative Building ValueRoad/Street Name:New Administrative Building Corporation (PCMC)Correspondence Spine PlanePune11.Area of the projectPune12.IOD//OA/Concession/Plan Approval Number:Provide Municipal Corporation (PCMC)13.Note on the initiated work (If approval Number:Not Applicable14.LOJ /NOC /IOD from MilayNot Applicable15.Note on the initiated work (If approval Sufficiation)Not Applicable16.Deductions93496.5017.SAT PIG Area (sq. m.)93496.5017.SAT PIG Area (sq. m.)93496.5017.SAT PIG Area (sq. m.): 21.8.912.7717.SAT PIG Area (sq. m.): 21.8.912.7717.SAT PIG Area (sq. m.): 21.8.912.7717.SAT PIG Area (sq. m.): 21.8.912.7718.ObjOpproved Built-up Area (sq. m.): 21.8.912.7719.ObjOpproved Built-up Area (sq. m.): 21.8.912.7719.ObjOpproved Sufficience (sq. m.): 21.8.912.7719.ObjOpproved Built-up Area (sq. m.): 21.8.912.7719.ObjOpproved Built-up Area (sq. m.): 21.8.912.7719.ObjOproved Built-up Area (sq. m.): 21.8.912.77 </th <th>6.New project/expansion in existing project/modernization/diversification in existing project</th> <th>New Project</th>	6.New project/expansion in existing project/modernization/diversification in existing project	New Project					
8.Location of the projectSpine Road, Sector 12, PCNTDA, Pune 4110449.TalukaHavelin9.TalukaHavelin10.VillageKecutive Engineer Prabhakar VasaikarCorrespondence Name:	7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable					
	8.Location of the project	Spine Road, Sector 12, PCNTDA, Pune 411044					
10.VillageMosiCorrespondence Name:Exective Engineer Prabakar VasaikarRoom Number:Exective Engineer Prabakar VasaikarRoom Number:Sin HoorFlore:Sin HoorBuilding Name:Nex Administrative BuildingRoad/Street Name:Nex Administrative BuildingRotacity:Nex Administrative BuildingChrister of Building Name:Pineri Christer MarkingRotacity:Pineri Christer Marking Name:Rotacity:Pineri Christer Marking Name:Rotacity:Pineri Christer Marking Name:Rotacity:Pineri Christer Marking Name:Rotacity:Pineri Christer Marking Name:Rotacity:Nathalitier Marking Name:<	9.Taluka	Haveli					
CorrespondenceExclutionRondumbersFloreFloreRodinghamenRodinghamenRodinghamenRodinghamenRotanden de langeRotanden de	10.Village	Moshi					
Roon Number:-Floor:610 of ContentBuilon Name:New Administrative BuildingRoad/Street Name:New Administrative BuildingRoad/Street Name:New Administrative BuildingCollity:AkardiBuilon Name:PineCottomPineAttom PropertionPine Norman ScienceApproval NumberPine Norman SciencePine Norman SciencePine Norman ScienceApproval NumberPine Norman ScienceApproval NumberPine Norman ScienceApproval ScienceNew ScienceApproval	Correspondence Name:	Executive Engineer Prabhakar Vasaikar					
Flore:6h floorBuilding Name:6h dordBuilding Name:New Administrative BuildingRodo/Street Name:New Administrative BuildingIterationNew Administrative BuildingIterationNew Administrative BuildingIterationNew Administrative BuildingIterationNew Administrative BuildingIterationNew Administrative BuildingIterative BuildingNew Administrative B	Room Number:	-					
<table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container><table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container></table-container>	Floor:	6th floor					
Road/Street Name:Near Adarda Radiavay StationalLocality:AudiChristianPinologia Constructional Stational Sta	Building Name:	New Administrative Building					
Iceality:AkadiaCharanceNon-Constant1.1.4.cea of the projectNon-ConstantApprox1PortDACRApprox1Non-ConstantInternet of the projectNon-ConstantInternet of the projectNon-Constant	Road/Street Name:	Near Akurdi Railway Station					
City:Ive11.Area of the projectIveArea of the projectIveArea of the projectIve<	Locality:	Akurdi					
11.Area of the project of the sector of th	City:	Pune					
PCNTDA DCRBandwidtDivort Concession/Plan Approval Number: Provisional sanction for 2,18,912.77 sqm PSS received from PCNTDA dated 03.02.2018Approved Built-up Area: 290158.50BandwidtApproved Built-up Area: 290158.50BandwidtNot ApplicableBandwidtSole SanceBandwidtSole SanceBandwidt	11.Area of the project	Pimpri Chinchwad Municipal Corporation (PCMC)					
BaberDr/Da/Concession/Plan Approval Number: Provisional sanction for 2,18,912,73 squaresiscore defrom PCNTDA dated 03.0.2.018iscore defrom PCNTDA dated 03.0.2.018ispressed from PCNTDA date 03.0.2.018ispressed from PCNTDA date 03.0.2.018ispressed from PCNTDA dated 03.0.2.0.2.0.2.0.2.0.2.0.2.0.2.0.2.0.2.0		PCNTDA DCR					
indextApproved Built-up Area: 290158.5013.Note on the initiated work (ff applicable)Not Applicable14.LOI / NOC / IDD from MHADA/ bother approvals (ff applicable)Not Applicable15.Total Ptot Area (sq. m.)9396.5016.Deductions016.Deductions017.Not Ptot area9396.5016.Not PSI area (sq. m.): 2/18/91.2716.Not PSI area (sq. m.): 2/18/91.2717.Not Polo area (sq. m.): 2/18/91.2716.Not PSI area (sq. m.): 2/18/91.2717.Not Polo area (sq. m.): 2/18/91.2718.Not PSI area (sq. m.): 2/18/91.2719.Not PSI area (sq. m.): 2/18/91.2719.No	12.IOD/IOA/Concession/Plan Approval Number	<b>IOD/IOA/Concession/Plan Approval Number:</b> Provisional sanction for 2,18,912.77 sq m FSI received from PCNTDA dated 03.02.2018					
13.Note on the initiated work (If applicable)Not Applicable14.LOI / NOC / IOD from MHADA/ other approvals (If applicable)Not Applicable15.Total Plot Area (sq. m.)93496.5016.Deductions017.Net Plot area93496.5016.Net Applicable117.Net Plot area018.A.A.P.P.OSAB Built-up Area (Sq. m.): 2,18,912.7719.Non FSI area (sq. m.): 2,18,912.7710.Non FSI area (sq. m.): 2,18,912.7711.Non FSI area (sq. m.): 2,18,912.7712.Non FSI area (sq. m.): 2,18,912.7713.Non FSI area (sq. m.): 2,18,912.7713.Non FSI area (sq. m.): 2,18,912.7714.Non FSI area (sq. m.): 2,18,912.7715.Non FSI area (sq. m.): 2,18,912.7715.Non FSI area (sq. m.): 2,18,912.7714.Non FSI area (sq. m.): 2,18,912.7715.Non FSI area (sq. m.): 2,18,912.7715.Non FSI area (sq. m.): 2,18,912.7715.Non FSI area (sq. m.): 2,18,912.7716.Non FSI area (sq. m.): 2,18,912.7717.Non FSI area (sq. m.): 2,18,912.7718.Non FSI area (sq. m.): 2,18,912.7719.Non FSI area (sq. m.): 2,18,912.7		Approved Built-up Area: 290158.50					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)Not Applicable15.Total Plot Area (sq. m.)93496.5016.Deductions017.Net Plot area93496.5018.(a).Proposed Built-up Area (SQa) FSI area (sq. m.): 2,18,912.7718.(a).Proposed Built-up Area (SQb) Non FSI area (sq. m.): 2,18,912.7720.100000000000000000000000000000000000	13.Note on the initiated work (If applicable)	Not Applicable					
15.Total Plot Area (sq. m.)9496.5016.Deductions017.Net Plot area93496.50Area (sq. m.): 2,18,912.77a FSI area (sq. m.): 7,1245.73By Dor FSI area (sq. m.): 2,90158.50	14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable					
16.Deductions017.Net Plot area3/3496.5018.(a).Proposed Built-up Area (Sq. m.): 2,18,912.77a) FSI area (sq. m.): 71,245.73b) Non FSI area (sq. m.): 71,245.73j) Total BUA area (sq. m.): 2,0158.5019.000 FSI area (sq. m.): 2,18,912.77Approved FSI area (sq. m.): 71,245.7319.000 FSI area (sq. m.): 71,245.73Jota of Approval: 03-02-201819.001 FSI area (sq. m.): 71,245.73Approved Non FSI area (sq. m.): 71,245.7319.002 FSI area (sq. m.): 71,245.73Jota of Approval: 03-02-201819.003 FSI area (sq. m.): 71,245.74Jota of Approval: 03-02-201819.003 FSI area (sq. m.): 71,245.75Jota of Approval: 03-02-201819.003 FSI area (sq. m.): 71,245.74Jota of Approval: 03-02-201819.003 FSI area (sq. m.): 71,245.74Jota of Approval: 03-02-201819.003 FSI area (sq. m.): 71,245.74Jota of Approval: 71,245.7419.003 FSI area (sq. m.): 71,245.74Jota of Approval: 71,245.74<	15.Total Plot Area (sq. m.)	93496.50					
17.Net Plot area93496.5018.(a).Proposed Built-up Area (Sq. m.): 2,18,912.77i SFSI area (sq. m.): 71,245.73b Non FSI area (sq. m.): 290158.50i Total BUA area (sq. m.): 2,18,912.77Babba Paperoved Built up area (sq. m.): 2,18,912.77Approved FSI area (sq. m.): 71,245.73Date of Approval: 03-02-2018i Total Gaperoval: 03-02-201819.Total ground coverage Percentage (main the stress of the	16.Deductions	0					
A PSI area (sq. m.): 2,18,912.77         b Non FSI area (sq. m.): 71,245.73         c Total BUA area (sq. m.): 2,0158.50         Approved FSI area (sq. m.): 2,18,912.77         Approved FSI area (sq. m.): 2,18	17.Net Plot area	93496.50					
18 (a). Proposed Built-up Area (FST age)       b) Non FSI area (sq. m.): 71,245.73         Non-FSI       c) Total BUA area (sq. m.): 290158.50         agproved FSI area (sq. m.): 2,18,912.77         Approved FSI area (sq. m.): 71,245.73         b) Non FSI area (sq. m.): 71,245.73         approved Suilt up area as provide SI area (sq. m.): 71,245.73         b) Approved SI area (sq. m.): 71,245.73         b) Non FSI area (sq. m.): 71,245.73         b) Non FSI area (sq. m.): 71,245.73         b) Approved SI area (sq. m.): 71,245.73         b) Approve		a) FSI area (sq. m.): 2,18,912.77					
c) Total BUA area (sq. m.): 290158.50Bapproved FSI area (sq. m.): 2,18,912.77Approved Non FSI area (sq. m.): 71,245.73Date of Approval: 03-02-201819.Total ground coverage (main)20.Ground-coverage Percentage (main)bapproved Salar (main)20.Ground-coverage Percentage (main)20.Ground-coverage (	Non-FSI)	<b>b) Non FSI area (sq. m.):</b> 71,245.73					
Approved FSI area (sq. m.): 2,18,912.77         Approved FSI area (sq. m.): 2,18,912.77         Approved SI area (sq. m.): 7,1245.73         Date of Approval: 03-02-2018         19.Total ground coverage Mercange (sq. m.): 03-02-2018         20.Ground-coverage Percentage (sq. m.): 03-02-2018         21.Estimated cost of the project       9500000		c) Total BUA area (sq. m.): 290158.50					
18 (b). Approved Built up area as per definition of the period of the		Approved FSI area (sq. m.): 2,18,912.77					
Date of Approval: 03-02-2018       19.Total ground coverage (mod)     24,072.69       20.Ground-coverage Percentage (mod) (Note: Percentage of plot not open basy)     24,55       21.Estimated cost of the project     765000000	DCR	Approved Non FSI area (sq. m.): 71,245.73					
19.Total ground coverage (m2)     24,072.69       20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)     24,55       21.Estimated cost of the project     765000000		Date of Approval: 03-02-2018					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)24.5521.Estimated cost of the project765000000	19.Total ground coverage (m2)	24,072.69					
<b>21.Estimated cost of the project</b> 765000000	20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24.55					
	21.Estimated cost of the project	765000000					

# 22.Number of buildings & its configuration

K.S.Langote (Secretary SEAC-III)	Meeting No: 69 Meeting Date: August 30, 2018	Page 62 of 120	Name: Kare Amir D Signature: Acla - Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	---	-------------------	--

Serial number	Buildin	ig Name & i	number	Number of floors			ght of the building (Mtrs)	
1	DPR 1	Type A, 5 bu	ildings		G+11		34.35	
2	DPR 1, Type A1, 6 buildings				P+11		34.35	
3	DPR 1, Type B, 2 buildings				G+11		34.35	
4	DPR 1, 1	Туре В1, 2 В	uildings		P+11		34.35	
5	DPR 1, C Type, 4 buildings				G+11		34.35	
6	DPR 1,	C1 Type, 5 b	uildings		P+11		34.35	
7	DPR 2	Type A, 2 bu	ildings		G+11		34.35	
8	DPR 2, 7	Type A1, 9 b	uildings		P+11		34.35	
9	DPR 2, 7	Туре В1, 1 В	uildings		P+11		34.35	
10	DPR 2,	C Type, 1 bu	uildings		G+11		34.35	
11	DPR 2,	C1 Type, 8 b	uildings		P+11		34.35	
12	TOTA	AL 45 BUILD	INGS		-		· · ·	
23.Number tenants an	r of d shops	4883 flats a	nd 140 shop	S				
24.Number expected rusers	umber of     24,415 residential, 785 Commercial							
25.Tenant per hectar	25.Tenant density per hectare 522							
26.Height building(s)	of the							
27.Right of (Width of the from	27.Right of way (Width of the road from the nearest fire station to the proposed building(c)						wide road	
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	Not Any						
30.Details demolition disposal (I applicable)	30.Details of the demolition with disposal (If applicable)							
	2		31.P	roduct	ion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M	1)	Total (MT/M)	
1	Not app	plicable	Not apj	plicable	Not applicable		Not applicable	
	32.Total Water Requirement							



		Sou	rce of wate	r	PCMC							
		Free	sh water (C	<b>MD):</b>	2221							
		Rec: Flus	ycled water shing (CMD	):	1111							
		Rec Gar	ycled water dening (CM	- ID):	204							
Swimming pool make up (Cum):					0							
Dry seasor	1:	Tota Req :	al Water uirement (	CMD)	3536							
		Fire Und tanl	fighting - lerground v k(CMD):	vater	1200				6			
		Fire Ove: tanl	fighting - rhead wate (CMD):	r	20 m3 per buildi	ing						
		Exc	ess treated	water	1350							
		Sou	rce of wate	r	PCMC							
		Free	sh water (C	<b>MD):</b>	2221							
		Rec Flus	ycled water shing (CMD	)):	1111							
Recycled water - Gardening (CMD):		0										
		Swin mak	mming poo ke up (Cum	l ):	0							
Wet seaso	n:	Tota Req :	al Water uirement (	CMD)	)) 3332							
		Fire Und tanl	fighting - lerground v k(CMD):	vater	1200							
		Fire Ove tanl	fighting - rhead wate (CMD):	r	20 m3 per buildi	ing						
		Exc	ess treated	water	1554							
Details of pool (If an	Swimming y)	NA	Š									
			33.E	<b>)etail</b>	s of Total wa	ater con	sume	d				
Particula rs	Cons	ump	tion (CMD)		Loss (CMD) Effluent (CMD)							
Water Require ment	Existing Proposed Total				Existing	Proposed	Total	Existing	Proposed	Total		
Fresh water requireme nt	Not applica	able	2221	2221	21         Not applicable         444.2         444.2         Not applicable         1776.8         177					1776.8		
Domestic	Not applica	able	1111	1111	Not applicable	222.8	222.8	Not applicable	888.8	888.8		
Gardening	Not applica	able	204	204	Not applicable	204	204	Not applicable	0	0		

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 64 of 120	Name: Kare Ami D Signature: Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	---	-------------------	--

	Level of the Ground water table:	Pre monsoon: 12-15 m BGL, Post monsoon 5-7 m BGL		
	Size and no of RWH tank(s) and Quantity:	NA		
	Location of the RWH tank(s):	NA		
	Quantity of recharge pits:	30 Nos.		
	Size of recharge pits :	2 X 2 X 1.5m		
34.Rain Water Harvesting	Budgetary allocation (Capital cost) :	45 Lakh		
(RWH)	Budgetary allocation (O & M cost) :	1.5 lakh/annum		
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum): PROJECT 1: 2363.5 PROJECT 2: 2351.7 Total: 4715.24 Flushing tank Capacity (cum): PROJECT 1: 881.75 PROJECT 2: 783.92 Total: 1665.67 Fire UG tank Capacity (cum): PROJECT 1: 600 PROJECT 2: 600 Total: 1200		
	Natural water drainage pattern:	Towards South		
drainage	Quantity of storm water:	0.81 m3/sec and 0.737 m3/sec on either side of road		
	Size of SWD:	900 mm hume pipe for each side		
	Sewage generation in KLD:	2665		
	STP technology:	MMBR		
Sewage and	Capacity of STP (CMD):	2 Nos of STPs, PROJECT 1: 1.6 MLD, PROJECT 2: 1.3 MLD		
Waste water	Location & area of the STP:	PROJECT 1: 508.54 sq m, Near Southernmost side of project PROJECT 2: 620.41 sq m, Near Open space		
C	Budgetary allocation (Capital cost):	3.4 cr		
	Budgetary allocation (O & M cost):	150.87 lakh/annum		
	36.Soli	d waste Management		
XA7	Waste generation:	2,02,381 m3 excavation		
waste generation in the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Debris will be used within site for filling and road construction and levelling. Approx. 5994 m3 excess debris will be temporarily stored on adjacent land owned by the Project Proponent. Municipal waste from labour will be handed over to local body for safe disposal.		
	Dry waste:	5001 kg/day		
	Wet waste:	7402.5 kg/day		
Wasto goneration	Hazardous waste:	NA		
in the operation Phase:	Biomedical waste (If applicable):	NA		
	STP Sludge (Dry sludge):	417 kg/day		
	Others if any:	E waste: 36 kg/day		

		Dry waste:		Handed ove	Handed over to PCMC					
		Wet waste	:	Treated in	Treated in OWC					
		Hazardous	waste:	NA	NA					
Mode of of waste:	Disposal	Biomedical waste (If applicable):		f <sub>NA</sub>	NA					
		STP Sludge (Dry sludge):		Treated in nearby nur	OWC and useries	used for gard	ening e	xcess v	vill be handed over to	
		Others if a	ny:	E waste wil	ll be hande	ed over to au	horised	agenc	у	
		Location(s	):	PROJECT 1	: Near STI	P PROJECT 2	: Near H	ligh So	chool Reservation	
Area requirem	ent:	Area for th of waste & material:	e storage other	PROJECT 1: 270 sq m PROJECT 2: 228 sq m						
		Area for m	achinery	included in	above are	a				
Budgetary	allocation	Capital cos	st:	160 lakh						
(Capital co O&M cost)	st and :	0 & M cos	t:	21 lakh/anr	ıum					
			37.I	Effluent C	harecte	restics				
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestics	Outle Chare	t Efflue cterest	ent ics	Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicabl	e Not ap	plicable	Not a	pplicab	le	Not applicable	
Amount of e (CMD):	effluent gene	eration	Not appli	pplicable						
Capacity of	the ETP:		Not appli	cable						
Amount of t recycled :	reated efflue	ent	Not appli	icable						
Amount of v	water send to	o the CETP:	Not appli	cable	<b>V</b>					
Membershi	p of CETP (if	require):	Not appli	cable						
Note on ET	P technology	to be used	Not appli	cable						
Disposal of	the ETP sluc	lge	Not appli	cable						
			<b>38.</b> E	lazardous	Waste	Details				
Serial Number	Descr	iption	Cat	UOM	Existing	J Propose	d To	otal	Method of Disposal	
1	Not app	plicable	Not applicabl	Not applicable	Not applicabl	Not applicabl	e appli	íot icable	Not applicable	
			<b>39</b> .9	Stacks em	ission	Details				
Serial Number	Section	& units	Fuel Qu	U <b>sed with</b> antity	Stack No	D. Height from ground level (m	Inte dian (1	ernal neter n)	Temp. of Exhaust Gases	
1	Not applicable Not ap		pplicable	Not applicabl	Not applicabl	e appli	íot icable	Not applicable		
			<b>40.</b> D	etails of <b>H</b>	Fuel to	be used				
Serial Number	Тур	e of Fuel		Existing		Proposed		Total		
1		Diesle		Not applicabl	le	Diesel			Diesel	
41.Source of	of Fuel		Aut	horised dealer	r					
42.Mode of	Transportat	ion of fuel to	site by	road						

K.s. Langets			Name: Kare Ami D
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 66	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

43.Green Belt		Total RG area : No of trees to be cut :		Mandatory RG area: 9,349.6 sq m					
				Existing trees: 67 ,No. of trees to be transplanted: 05, No. of trees to be cut: 52 (All Babhul), No of trees to be retained: 10					
		Number of be planted	Number of trees to be planted :		1280				
Develop	ment	List of pro native tree	posed es :	Native trees	s are proposed				
		Timeline for completion plantation	Timeline for completion of plantation :		Before completion of project				
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be plante	d in the ground			
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance			
1	Bauhinia	purpurea	Kan	chan	60	Large flowers, large, Evergreen.			
2	Ficus religiosa		Pim	ıpal	55	It is a glabrous, large tree mostly covered with epiphytes. It has characteristic milky latex. The bark of the tree is light grey in colour and peels off easily in patches.			
3	Erythrina indica		Pangara		55	Medium sized deciduous tree, bright scarlet flowers			
4	Cassia fistula		Bahava		55	Medium sized deciduous tree. Beautiful yellow flowers, butterfly host plant.			
5	Citrus reticulate		Santra		55	Medium sized fruit bearing tree.			
6	Psidium	guajava	Peru		50	Medium sized fruit bearing tree.			
7	Azardiracta indica		Neem		50	Large tree, good for roadside plantation. Medicinal			
8	Mimuso	pselengi	Bakul		50	Large tree good for road side plantation.			
9	Cassia	glauca	Cassia		50	Tall shrub with yellow flowers.			
10	Bauhinia	blackania	Hong Kong orchid		50	Large deciduous tree, flowers attract many birds.			
11	Dillenia	a indica 🥢	Kar	mal	50	Large deciduous tree.			
12	Bauhinia	recemosa	Ap	ota	50	Ornamental tree			
13	Albizzia	a lebbek	Shirish		50	Shady, large tree, ball shaped flowers.			
14	4 Butea monosperma		Pa	las	50	Small deciduous tree. Dark orange colored flowers. Good for roadside plantation.			
15	Nycta arbor	anthes tristis	Parij	atak	50	Small deciduous tree. Small white colored, fragrant flowers.			
16	Anthoc cada	ephalus amba	Kad	amb	50	Shady, large tree, ball shaped flowers.			
17	17 Lagerstromia speciosa		Taman		50	State flower tree of Maharashtra, medium sized tree, beautiful purple colored flowers.			
18 Michelia chai		champaca	Pivala	chafa	50	Medium sized, evergreen tree, fragrant yellow flowers, butterfly host plant.			

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 67 of 120	Name: K g?e A mi ) D Signature: Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	-------------------	--

19 Swetania mohagani		mohagani	Mohagani		50	Medium sized evergreen tree.
20	20 Saraca indica		Sita Ashok		50	Evergreen medicinal plant
21	Pterospermum acerifolium		Much	ıkund	40	Medium sized evergreen tree. Fragrant flowers.
22	Mangife	ra indica	Ma	ngo	40	Small deciduous fruit bearing tree.
23	Peltop afrac	horum anum	Coppe	er pod	40	Tall deciduous tree. Good for roadside plantation.
24	Syzygiur	n cumini	Jam	bhul	40	Large tree with large spreading crown.
25	Terminal	ia arjuna	Arj	jun	40	Large deciduous tree. Large spreading crown.
26	Ailanthu	s exeslsa	Maha	arukh	10	Shady tree, road side
27	Ficus	retusa	Nand	lrukh	10	Shady tree, road side
28	Pongamia	a pinnata	Kaı	ranj	10	Shady tree, road side
29	Murraya p	paniculata	Ku	inti	10	Small tree, frangrant flower, butterfly host plant
30	Gmelia	arborea	Shiv	vam	10	Fast growing tree with yellow flowers
31	-	-	То	tal	1280	
45	5.Total quar	ntity of plants on	grou	nd		
46.Number and list of shrubs and bushes species to be planted in the podium R					planted in the podium RG:	
Serial Number		Name		C/C Dista	nce	Area m2
1						
				47 Fi	orav	
				<b>T</b> /.LI	lergy	
		Source of power supply :	:	MSEDCL	lergy	
		Source of power supply : During Construct Phase: (Demand Load)	ction	MSEDCL PROJECT 1	: 318 kVA, PROJECT 2	2: 319 kVA
		Source of power supply : During Construe Phase: (Demand Load) DG set as Power back-up during construction ph	ction I ase	MSEDCL PROJECT 1 PROJECT 1	: 318 kVA, PROJECT : : 315 kVA, PROJECT :	2: 319 kVA 2: 315 kVA
		Source of power supply : During Construe Phase: (Demand Load) DG set as Power back-up during construction ph During Operatio phase (Connected load):	ction l ase on ed	MSEDCL PROJECT 1 PROJECT 1 PROJECT 1 kVA	: 318 kVA, PROJECT : : 315 kVA, PROJECT : :8,445.36 kVA, PROJE	2: 319 kVA 2: 315 kVA 2: CT 2:8,297.05 kVA Total: 17,142.41
Pov require	wer ement:	Source of power supply : During Construe Phase: (Demand Load) DG set as Power back-up during construction ph During Operation phase (Connected load): During Operation phase (Demand load):	ction l ase on ed	MSEDCL PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1	: 318 kVA, PROJECT : : 315 kVA, PROJECT : :8,445.36 kVA, PROJE :5,074.67 kVA, PROJE	2: 319 kVA 2: 315 kVA 3CT 2:8,297.05 kVA Total: 17,142.41 3CT 2:4,849.67 kVA Total: 9,924.34 kVA
Pov require	wer ement:	Source of power supply : During Construe Phase: (Demand Load) DG set as Power back-up during construction ph During Operatio phase (Connecte load): During Operatio phase (Demand load): Transformer:	ction ase on ed	MSEDCL PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1	: 318 kVA, PROJECT : : 315 kVA, PROJECT : :8,445.36 kVA, PROJE :5,074.67 kVA, PROJE : 630 kVA X 16 PROJE	2: 319 kVA 2: 315 kVA 3CT 2:8,297.05 kVA Total: 17,142.41 3CT 2:4,849.67 kVA Total: 9,924.34 kVA 3CT 2: 630 kVA X 16
Pov require	wer ement:	Source of power supply : During Construe Phase: (Demand Load) DG set as Power back-up during construction ph During Operatio phase (Connecte load): During Operatio phase (Demand load): Transformer: DG set as Power back-up during operation phase	ction ase on ed on	MSEDCL PROJECT 1 PROJECT 1 PROJECT 1 kVA PROJECT 1 PROJECT 1 kVA X 1 No kVA X 1 No	: 318 kVA, PROJECT : 318 kVA, PROJECT : 315 kVA, PROJECT : 8,445.36 kVA, PROJE : 6,074.67 kVA, PROJE : 630 kVA X 16 PROJE : 100 kVA X 2 Nos., 1 s., 320 kVA X 1 Nos., s., 250 kVA X 4Nos.	2: 319 kVA 2: 315 kVA 2: 315 kVA 3: CT 2:8,297.05 kVA Total: 17,142.41 3: CT 2:4,849.67 kVA Total: 9,924.34 kVA 3: CT 2: 630 kVA X 16 5: CT 2: 630 kVA X 16 5: CT 2: 160 kVA X 2 Nos., 250 9: ROJECT 2: 160 kVA X 2 Nos., 125
Pov require	wer ement:	Source of power supply : During Construe Phase: (Demand Load) DG set as Power back-up during construction ph During Operation phase (Connected load): During Operation phase (Demand load): Transformer: DG set as Power back-up during operation phase Fuel used:	ction ase on ed on	MSEDCL PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 kVA X 1 No kVA X 1 No Diesel	: 318 kVA, PROJECT : : 318 kVA, PROJECT : : 315 kVA, PROJECT : :8,445.36 kVA, PROJE : 6,074.67 kVA, PROJE : 630 kVA X 16 PROJE : 100 kVA X 2 Nos., 1 s., 320 kVA X 1 Nos., s., 250 kVA X 4Nos.	2: 319 kVA 2: 315 kVA 3CT 2:8,297.05 kVA Total: 17,142.41 3CT 2:4,849.67 kVA Total: 9,924.34 kVA 3CT 2: 630 kVA X 16 50 kVA X 2 Nos., 200 kVA X 2 Nos., 250 PROJECT 2: 160 kVA X 2 Nos., 125
Pov require	wer ement:	Source of power supply : During Construe Phase: (Demand Load) DG set as Power back-up during construction ph During Operation phase (Connecter load): During Operation phase (Demand load): Transformer: DG set as Power back-up during operation phase Fuel used: Details of high tension line pass through the plot any:	ction ase on ed on	MSEDCL PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 PROJECT 1 kVA X 1 No kVA X 1 No Diesel Not Applica	: 318 kVA, PROJECT : : 318 kVA, PROJECT : : 315 kVA, PROJECT : :8,445.36 kVA, PROJE : 630 kVA X 16 PROJE : 100 kVA X 16 PROJE : 100 kVA X 2 Nos., 1 s., 320 kVA X 1 Nos., s., 250 kVA X 4Nos.	2: 319 kVA 2: 315 kVA 3CT 2:8,297.05 kVA Total: 17,142.41 3CT 2:4,849.67 kVA Total: 9,924.34 kVA 3CT 2: 630 kVA X 16 50 kVA X 2 Nos., 200 kVA X 2 Nos., 250 PROJECT 2: 160 kVA X 2 Nos., 125

49.Detai	calculations	& %	of saving:	
----------	--------------	-----	------------	--

Serial Number	Е	nergy Conservation M	easures	Saving %				
1	1 Solar water heating			30.90%				
2	2 Solar PV			0.91%				
3 Use of LED for internal and exte			ernal lighting	lighting 1.18%				
		50.Details	of pollution o	control Systems				
Source	Ex	isting pollution contro	l system	Proposed to be installed				
STP		Not applicable		MMBR 2 Nos.				
OWC	Not applicable			2 Nos.				
Budgetary allocatio		Capital cost:	1016.88 lakh					
O&M	cost):	O & M cost:	20.34 lakh/annum					

## **51.Environmental Management plan Budgetary Allocation**

a) Construction phase	(with Break-up):
-----------------------	------------------

Serial Number	Attributes	Parameter	Total Cost p	eer annum (Rs. In Lacs)	
1	Air	Water For Dust Suppression		2.16	
2	Air	Air & Noise Monitoring		0.48	
3	Water	Tanker Water For Construction		1.44	
4	Water	Water Monitoring		0.60	
5	Land	Site Sanitation- Mobile toilets		6.00	
6	Biological	Gardening Set Up and top soil preservation	16.26		
7 Socio- Economic Environment		Disinfection- Pest Control 1.80		1.80	
8	Socio- Economic Environment	First Aid	0.48		
9	Socio- Economic Environment	Health Check Up	1.00		
10	Socio- Economic Environment	Creches For Children		6.00	
11	Socio- Economic Environment	Personal Protective Equipment	6.13		
	b	) Operation Phas	e (with Break-up	):	
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Sewage Treatment Plant	STP	340.00	150.87	
2 Rain Water Harvesting		RWH pit	45.00	1.50	

K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 69	Name: Kare Ami D Signature: Acalor Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

3	Solid Waste Management		10	OWC		160.0		21.0		
4	Green Belt Development		Land develo	Landscape development		1626.5		144.57		
5	Solar energy		Solr wate	Solr water heating		58.5		5.85		
6	6 Solar energy		Sola	Solar PV		915.56		48.83		
7	– Environmental		From M	From MoEf&CC		0		17.64		
7 Monit		itoring	approved	approved laborator		0		17.04		
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)										
Description		Status	Locatio	Location		Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Not app	Not applicable		Not applica	Not applicable		Not applicable	Not applicable	Not applicable	Not applicable	
	52.Any Other Information									
No Information Available										
	53.Traffic Management									
		Nos. of t to the m design o confluer	Nos. of the junction to the main road & design of confluence:		1					
		Number basemer	and area of nt:	NA	<b>)</b> <sup>k</sup>					
		Number and area of podia:		NA						
		Total Parking area:		35971						
			Area per car:		30					
			Area per car:		30					
Parking details:		Number of 2- Wheelers as approved by competent authority:		3317						
	3	Number of 4- Wheelers as approved by competent authority:		2347						
		Public Transport:		PMPML Yashwant Nagar Bus Stop						
		Width of all Internal roads (m):			Min 6 m					
	CRZ/ RRZ clearance obtain, if any:		Z clearance f any:	NA						



Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 Km
Category as per schedule of EIA Notification sheet	B1
Court cases pending if any	NA
Other Relevant Informations	
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 Affordable Housing Scheme EWS/LIG along with convenient shopping in Sector 12 by PCNTDA, under PMAY by Pimpri Chinchwad New Town Development Authority (PCNTDA) through Shri. Prabhakar Vasaikar.

# **DECISION OF SEAC**

Sil

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

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

1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.

2) PP to details of commercial area in consolidated statement.

3) PP to submit condition wise compliance report of earlier EC conditions

4) PP to submit architect certificate of work initiated on site as per earlier EC.

5) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
 6) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017.

7) PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.

8) PP to include carbon footprint estimations for operation & construction phase in EIA report.

**9)** PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development – Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.

**10)** PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.

**11)** PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places including UGT, OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.

12) PP to submit parking layout plan for all the floors showing slope and width of the ramps.

**13)** PP to submit cross section of all buildings.

14) PP to submit parking area statement as per DCR.

**15)** PP to submit cross section of basement showing width and slope of ramp.

**16)** PP to submit details of basement parking.

17) PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.

18) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.

**19)** PP to carry out fugitive dust monitoring by using local meteorological data.

**20)** 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.

21) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.

**22)** PP to submit disaster management plan.

**23)** PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socioeconomic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.

**24)** 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.

**25)** PP to submit phase wise development plan considering wind rose diagram.

26) PP to obtain and submit following NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.

27) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.

28) PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.

**29)** PP to submit internal storm water drain and sewer line arrangements up to final disposal point.

**30)** 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

**31)** PP to submit details hydro geological survey report with graphs & data.

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

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

34) PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.

35) PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.

**36)** PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring.

37) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.

**38)** 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.

**39)** PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.


# 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.

SHACHERINA



## SEAC Meeting number: 69 Meeting Date August 30, 2018

**Subject:** Environment Clearance for Proposed expansion of Residential and Commercial Project situated at S.NO.69/5B/2, 69/8/1 & 70/1 TO 17A/1, plot NO 2, Kothrud, Pune. Maharashtra by Kumar Beharay Properties LLP

1.Name of Project	Residential and Commercial Project situated at S.NO.69/5B/2, 69/8/1 & 70/1 TO 17A/1, plot NO 2, Kothrud, Pune. Maharashtra by Kumar Beharay Properties LLP			
2.Type of institution	TOR			
3.Name of Project Proponent	Kumar Beharay Properties LLP			
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.			
5.Type of project	Residential and Commercial Project			
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Prior Environmental clearance vide SEAC-2010/CR 727/TC-2 dated 26-12-2011			
8.Location of the project	At S.NO.69/5B/2, 69/8/1 & 70/1 TO 17A/1, Plot No 2,			
9.Taluka	Haveli			
10.Village	Kothrud			
Correspondence Name:	Kumar Beharay Properties LLP			
Room Number:				
Floor:	3rd Floor			
Building Name:	Construction House, 796/189-B			
Road/Street Name:	Bhandarkar Road			
Locality:	Deccan Gymkhana			
City:	Pune			
11.Area of the project	Pune Municipal Corporation			
	Sanctioned layout from Pune Municipal Corporation			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: 2806/14			
	Approved Built-up Area: 209911			
13.Note on the initiated work (If applicable)	Building J, K,L, C having configuration P +15 along with 2 levels of parking and having construction area = $53170.81$ sqm has been completed and clubhouse, building A& B having construction area 18066.04 sqm is under construction as per EC received dated 26.12.2011 for construction area 107068.11 sqm			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CC received vide letter No. 2806/14 Dated : 17/12/2014 , OC received for C, J, K & L, Water permission received form PMC			
15.Total Plot Area (sq. m.)	76199.25 Sq.m			
16.Deductions	8702.00 sq.m			
17.Net Plot area	67497.25 Sq.m			
10 (a) Dranged Drilt up Area (FSI S	a) FSI area (sq. m.): 110433.60			
Non-FSI)	b) Non FSI area (sq. m.): 99477.58			
	c) Total BUA area (sq. m.): 209911.18			
10 (b) Approved Duilt up area as non	Approved FSI area (sq. m.): 110433.60			
DCR	Approved Non FSI area (sq. m.): 99477.58			
	Date of Approval: 17-12-2014			
19.Total ground coverage (m2)	33308.40			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	44 %			
21.Estimated cost of the project	207000000			

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 74 of 120	Name: Kare Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	-------------------	--

22.Number of buildings & its configuration							
Serial number	Buildin	g Name & r	umber	Nu	mber of floors		Height of the building (Mtrs)
1		9 buildings			P + 15		49.60
2		10 buildings			P+ P + 15		49.60
3		Unit 1-10			G + 1 Floors		9.00
4	Con	nmercial buil	ding		P + Ground		5.10
5		Club House			G + 1 Floor		7.80
23.Number tenants an	r of d shops	Total No. of	Flats: 1150	Nos. Total N	Io. of Shops: 28	Nos.	
24.Number expected r users	r of esidents /	Residents :	5750 Nos Sh	ops: 275 No	s. Total -6025		6
25.Tenant per hectar	density e	170					
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 for easy ac fire tender movement around the excluding for the pla	y radius ccess of from all building the width ntation	9.0 Mt			×.00		
29.Existing structure (s) if any							
30.Details of the demolition with disposal (If applicable)     Not Applicable							
31.Production Details							
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (M	IT/M)	Total (MT/M)
1	Not apj	olicable	Not app	olicable	Not applica	able	Not applicable
	32.Total Water Requirement						



		Source of	water	РМС							
		Fresh wate	er (CMD):	523							
		Recycled w Flushing (	vater - CMD):	266	266						
		Recycled w Gardening	vater - (CMD):	60							
Dry season: Total Water Requirement (CMD) :				10							
				849							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	660				6			
		Fire fightin Overhead v tank(CMD)	ng - water ):	180							
		Excess trea	ated water	241							
		Source of v	water	PMC							
		Fresh wate	er (CMD):	523							
		Recycled w Flushing (	vater - CMD):	266							
		Recycled w Gardening	water - 00 00								
		Swimming make up (	pool Cum):	10							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	789							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	660							
		Fire fightin Overhead v tank(CMD)	ng - water ):	180							
		Excess trea	ated water	ed water 301							
Details of pool (If an	Details of Swimming pool (If any) Rectangular pool area- 112 sqm , water depth – 1.17 m										
		3	3.Detail	s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	MD)	Loss (CMD) Effluent (CMD)							
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	_						
	Level wate	l of the Ground r table:	9m to 25m below ground level				
	Size tank Quan	and no of RWH (s) and itity:	1x 65 cum				
	Loca tank	tion of the RWH (s):	Ground				
34.Rain Water	Quan pits:	ntity of recharge	22 No's of Percolation Pits				
Harvesting (RWH)	Size :	of recharge pits	1.5 m x 3.0 m				
	Budg (Cap	jetary allocation ital cost) :	22 lakhs		A		
	Budg (0 &	jetary allocation M cost) :	2.0 Lakhs		0		
	Detai if any	ils of UGT tanks y :	Domestic Water Tank 519 cum Flushing Water Tank 261 cum Fire Water Tank 660 cum Rain Water Harvesting Tank 6	ı 5 cum	5		
	Natu drain	ral water age pattern:	towards east side of the plot				
drainage	Quan wate	ntity of storm r:	0.98 cum/sec				
	Size	of SWD:	0.60 x 0.65 m				
	Sewa in KI	ge generation LD:	631 KLD				
	STP 1	technology:	MBBR				
Sowage and	Capa (CMI	city of STP D):	3 nos of STP having cumulativ	e capacity o	f 710 KLD (300 KLD existing)		
Waste water	Loca the S	tion & area of STP:	Ground Level				
	Budg (Cap	jetary allocation ital cost):	1.5 Crore				
	Budg (0 &	jetary allocation M cost):	15 lakhs/annum				
		36.Soli	d waste Managen	nent			
	Wast	e generation:	Empty Cement Bags. Steel. sa	nd, packagir	ng Material, Aggregates		
Waste generation in the Pre Construction and Construction phase: Disposal of the construction waste debris:			1. Empty cement bags Use of bulkers eliminates cement bags 2.Steel 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 . 3.Sand 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.4. Packaging material To be sent for recycling. 5. Aggregates Shall be used in road pavement an				
	Dry v	vaste:	1198 Kg/day				
	Wet	waste:	1746 kg/day				
Waste generation	Haza	rdous waste:	Not Applicable				
in the operation Phase:	Biom appli	edical waste (If cable):	Not Applicable				
	STP sludg	Sludge (Dry je):	35 kg/day				
	Othe	rs if any:	E- waste will be handed over t	o MPCB aut	horized dealers		
K.S.Langote (Secretary SEAC-III)		SEAC Meeting No	: 69 Meeting Date: August 30, 2018	Page 77 of 120	Shri. Anil Kale (Chairman SEAC-III)		

		Dry waste:		Handed ove	er to au	thoriz	ze recycler fo	or further h	andling and disposal.
		Wet waste	0 0	Will be converted to compost using Mechanical composter					
		Hazardous	waste:	Not Applica	able				
Mode of Disposal of waste:		Biomedica applicable	l waste (If ):	Not Applica	able				
		STP Sludg sludge):	e (Dry	shall be use	ed as a i	manu	re		
		Others if a	ny:	E- waste will be handed over to MPCB authorized de					ed dealers
		Location(s	):	Ground					
Area requirem	ent:	Area for th of waste & material:	e storage other	125 Sq.m	125 Sq.m				
		Area for m	achinery:	6.0 sq.m					
Budgetary	allocation	Capital cos	st:	18 Lakhs					
(Capital co O&M cost)	st and	O & M cos	t:	3.6 lakhs/A	nnum				
37.Effluent Charecterestics									
Serial Number	Parameters Unit		Inlet E Charect	Effluent terestic	t c <b>s</b>	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)	
1	Not app	plicable	cable Not applicable		plicable	<del>)</del>	Not app	olicable	Not applicable
Amount of effluent generation (CMD): Not application				plicable					
Capacity of	the ETP:		Not applica	able					
Amount of treated effluent Not applicable									
Amount of v	water send to	o the CETP:	Not applica	able	5				
Membershi	p of CETP (if	f require):	Not applica	able					
Note on ET	P technology	v to be used	Not applica	able					
Disposal of	the ETP slud	lge	Not applica	able					
			<b>38.H</b> a	azardous	Was	te D	etails		
Serial Number	Descr	iption	Cat	UOM	Exist	ing	Proposed	Total	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	No applic	ot able	Not applicable	Not applicable	Not applicable
			<b>39.</b> St	tacks em	issio	n 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	1 Not applicable Not ap		plicable	No applic	ot able	Not applicable	Not applicable	Not applicable	
			40.De	tails of <b>F</b>	<sup>r</sup> uel t	o be	e used		
Serial Number	Тур	e of Fuel		Existing			Proposed		Total
1	Not	applicable	1	Not applicabl	е	N	lot applicabl	е	Not applicable
41.Source of	of Fuel		Not a	applicable					
42.Mode of	Transportat	ion of fuel to	site Not a	applicable					

hote			Name: Kare Anii D
K.s. Langots			Signature: Joels
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 78	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

		Total RG a	rea :	RG on grou	nd -7702sq.mt		
43.Green Belt Development		No of trees	No of trees to be cut : Number of trees to be planted :				
		Number of be planted			750 No's		
		List of pro native tree	posed es :	Same as be	low		
		Timeline f completion plantation	or n of :	By the end	of construction phase		
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be plante	d in the ground	
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance	
1	Adina co	ordofolia	На	ldu	24	flowering plant	
2	Albizzia	lebbeck	Siris	tree	30	Evergreen tree	
3	Alstonia	scholaris	devil	tree	47	Evergreen tree	
4	Azadirac	hta indica	Ne	em	45	Medicinal tree	
5	Bauhinia	purpurea	Purple or	rchid tree	52	flowering plant	
6	Bauhinia	racemosa	ap	ota	26	Medicinal tree	
7	Butea mo	nosperma	flame-of-	the-forest	25	flowering plant	
8	Cassia fistula		Golden shower tree		34	flowering plant	
9	Cocus nucifera		coconut tree		15	Fruit bearing	
10	Ficus amplissima		Chinese Banyan 🚬		4	Evergreen tree	
11	Grewia tiliaefolia		Dhamani		25	Evergreen tree	
12	Hardwckia binata		Anjan		25	Evergreen tree	
13	Khaya grandis		Tondli		19	Fruit bearing	
14	Lagerstromia reginea/ Speciosa		Pride of India		34	flowering plant	
15	Madhuka longifolia		Mahua		15	flowering plant	
16	Mangifera indica		Mango		75	Fruit bearing	
17	Michelia	champaka	Cha	ampa 11		Evergreen tree	
18	Mimuso	ps elengi	Spanisł	n cherry	12	Evergreen tree	
19	Pteroo marsi	carpus upium	bibla		34	Evergreen tree	
20	Pterosp acerif	bermum folium	Kanak (	Champa	18	Evergreen tree	
21	Popul	us spp	Cotto	nwood	24	flowering plant	
22	Saraca	a indica	Ashok	a tree	16	Evergreen tree	
23	Schleiche	era oleosa	gum la	ac tree	51	Evergreen tree	
24	Schressweite	ebera nioides	Мо	kha	29	Evergreen tree	
25	Stercul	ia urens	ghos	t tree	25	Evergreen tree	
26	Terminal	lia arjuna	arjur	n tree	21	Evergreen tree	
27	Zizyphus	mauritiana	Chines	se date	14	Evergreen tree	
43	5.Total qua	ntity of plar	ts on grou	nd			
AC N	1 1		1	11 1			

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

K.S. Langets
K.S.Langote (Secretary SEAC-III)

	Name: Kale Amil D Signature:
9	Shri. Anil Kale (Chairman
0	SEAC-III)

Serial Number	Name	C/C Distance	Area m2
1	Plumeria alba	3.00	-
2	Bignoniaj megapotamica	3.00	-
3	Cordia S bestena	3.00	-
4	Lagerstroemia flos reginae	3.00	-
5	Cassia fistula	3.00	-
6	Tabebuia rosea	3.00	-
7	Michelia champaca	3.00	-
8	Plumeria rubra	3.00	-
9	Bauhinia tomentosa	3.00	-
10	Bakul	3.00	-
11	Parijatak	3.00	
12	Lagerstroemia thorelli	3.00	
13	Bauhinia blackiana	3.00	
14	Plumbago capansis blue	0.30	· ·
15	Tecoma rosea	0.30	· ·
16	Spider lily green	0.30	-
17	Stachytarpheta pink	0.30	-
18	Stachytarpheta blue	0.30	-
19	Lantana camara white	0.15	-
20	Jatropha variegated	0.30	-
21	Oleander dwarf pink	0.30	-
22	Rose red	0.30	-
23	Rose white	0.30	-
24	Aboli	0.30	-
25	Hibiscus viceroy red	0.45	-
26	Allamanda dwarf yellow	0.30	-
27	Mussaenda red	0.45	-
28	Kamini	0.45	-
29	Tagar single	0.45	-
30	Lantana red dwarf	0.15	-
31	Hamelia patens dwarf	0.30	-
32	Oleander single red	0.45	-
33	Hibiscus lafrance pink	0.45	-
34	Ratrani	0.45	-
35	Sontakka	0.45	-
36	Mogra	0.30	-
37	Mogramadanban	0.30	-
38	-Henna	0.45	-
39	-Adulsa	0.45	-
40	Lemon grass	0.45	-
41	Tulsi	0.30	-
42	Guggul	0.30	-

K.S.Langote (Secretary SEAC-III) SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 80 of 120	Name: Kart Ami D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
--	-------------------	--

43		Mint		0.30			-	
44		Ginger		0.30			-	
45	Citro	onella grass		0.45			-	
46	Ixora	hybrid pink		0.30			-	
				47.Energy				
Power requirement:Source of power supply :During Construction Phase: (Demand Load)DG set as Power back-up during construction phaseDuring Operation phase (Connected load):During Operation phase (Demand load):		MSEDCL						
		During Construction Phase: (Demand Load)		500 kVA				
		DG set as Power back-up during construction ph	ase	82.5 kVA			6	
		During Operation phase (Connecter load):	en ed	17166 kW				
		During Operation phase (Demand load):	n	3724 kW	3724 kW			
		Transformer:		8 x 630 kVA				
		DG set as Power back-up during operation phase:		2 x400 kVA & 1x 250 kVA				
		Fuel used:		HSD				
		Details of high tension line pass through the plot any:	sing t if	Not Applicable				
		48.Energy	savi	ng by non-conver	tion	al metho	od:	
<ul> <li>Energy efficient LED's which give approx. 30% more light output for the same watts consumed and therefore require les nos. of fixtures</li> <li>Provision of solar panels for common area lighting</li> <li>Maintaining the power factor between 0.95 lag and 0.98 lag for common area loads.</li> <li>Maintaining lighting power density as per ECBC standard in common areas and recreation facility.</li> <li>Astronomical switching of outdoor lighting.</li> <li>Proposing use of VFD's (Variable Frequency Drive) for all motors used in lifts and use of high efficiency pumps for</li> </ul>						ned and therefore require less n facility. igh efficiency pumps for		
		49.De	tail	calculations & %	of s	aving:		
Serial Number	E	nergy Conservati	on M	easures	Saving %			
1	6	Energy Sa	ving				7.5 %	
		<b>50.Det</b>	ails	of pollution cont	rol S	ystems		
Source	Ex	isting pollution c	ontro	l system		Proposed	to be installed	
Not applicable	ot Not applicable					Not	applicable	
Budgetary (Capital	allocation	Capital cost:		70.0 Lakhs				
O&M cost):		0 & M cost:		5.0 Lakhs				
<b>51.Environmental Management plan Budgetary Allocation</b>								
		a) Cons	strue	ction phase (with	Bre	ak-up):		
K.s. Langets						Name: Kare Amir D Signature:		

SEAC Meeting No: 69 Meeting Date: August 30, 2018

K.S.Langote (Secretary SEAC-III) Page 81<br/>of 120Shri. Anil Kale (Chairman<br/>SEAC-III)

Serial Number	Attributes Paran		neter		Total (	Cost pe	er annum (Rs. In Lacs)		
1	Air environment	Water Sp Green Developmer storage	rinkling Belt ht, Coven e area	, red			15.0		
2	Noise Environment	Site Baric Green Develor	ades an Belt oments	d			12.0		
3	Water Environment	Modula Drainag sedimenta	r STP , je with tion tanl	ks			10.0		
4	Good Health Practices	Site Sani Health	tation & Care	[			12.0	C	
5	Environment Monitoring	Air, water monitorin constructi	,noise so g during on phas	oil g ie	14.0			3	
	b	) Operati	on Ph	nase (wi	th Breal	k-up)	: (		
Serial Number	Component	Descri	ption	Capi	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Rain Water harvesting	percolation Tai	n pits an nk	ıd	22.0		2.0		
2	Solid Waste management	Mecha Composte segreg	chanical oster, waste regation		18.0		3.6		
3	Waste water Management	Sewage T Pla	reatment ant		150.0		15		
4	Landscaping	Tree Pla	ntation		49.0			5.0	
5	energy saving	solar and ot efficient a	her ener ppliance	ergy 70.0				5.0	
51.S	torage of che	micals	(infl	amabl	e/expl	osive	e/haz	zardou	s/toxic
			sub	stance	es)				
Description Status		Location		Storage Capacity in MT	orage of pacity MT Maximum Quantity of Storage at any point of time in MT		mption nth in IT	Source of Supply	Means of transportation
Not app	Not applicable Not applicable Not		ble	Not applicable	Not applicable	Not Applicable Not applicable		Not applicable	Not applicable
	7	<b>52.A</b>	ny Ot	her Info	rmation	1			
No Informa	No Information Available								
		53.	<b>Fraffi</b>	c Manag	gement				
	Nos. of the junction to the main road & design of confluence:					road ( aj	ppropria	te no. of en	try and exit)



	Number and area of basement:	Not Applicable			
	Number and area of podia:	2 No's podium 41245.17 sq.m			
	Total Parking area:	62600.87 sqm			
	Area per car:	30.00 sqm			
	Area per car:	30.00 sqm			
Parking details:	Number of 2- Wheelers as approved by competent authority:	2899			
	Number of 4- Wheelers as approved by competent authority:	1405			
	Public Transport:	Not Applicable			
	Width of all Internal roads (m):	6.0			
	CRZ/ RRZ clearance obtain, if any:	Not Applicable			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable Not within 15.0 km from project boundary			
	Category as per schedule of EIA Notification sheet	8 (b) B1			
	Court cases pending if any	None			
	Other Relevant Informations	Building J, K,L, C having configuration P +15 along with 2 levels of parking and having construction area = 53170.81 sqm has been completed and clubhouse , building A& B having construction area 18066.04 sqm is going on as per EC received dated 26.12.2011 for construction area 107068.11 sqm			
	Have you previously submitted Application online on MOEF Website.	Yes			
<u> </u>	Date of online submission	22-05-2018			
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS					
Summorised in brief information of Project as below.					
Brief information of the project by SEAC					
Environment Clearance for Proposed expansion of Residential and Commercial Project situated at S.NO.69/5B/2, 69/8/1 & 70/1 TO 17A/1, plot NO 2, Kothrud, Pune. by Kumar Beharay Properties LLP.					

# **DECISION OF SEAC**

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 83 of 120	Name: Ka?e Ami) D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	-------------------	---

SEAC decided to defer the proposal

**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: 69 Meeting Date August 30, 2018

**Subject:** Environment Clearance for Environment Clearance for Integrated Township at S no 40-47 at Mhalunge taluka-Mulshi Dist Pune by Mahalunge Land Developers LLP

Is a Violation Case: No					
1.Name of Project	Environment Clearance for Integrated Township at S no 40-47 at Mhalunge taluka- Mulshi Dist Pune by Mahalunge Land Developers LLP				
2.Type of institution	TOR				
3.Name of Project Proponent	Mr. Vilas Tambe				
4.Name of Consultant	Vke environmental LLP				
5.Type of project	Integrated Township				
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in EC				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Environmental clearance has been granted by SEIAA vide no SEAC-2009/CR.71/TC-2 however extension for EC has been obtained for 3 years on 14 dec 2016				
8.Location of the project	Survey No 40 to 47of Village Mahalunge Taluka Mulshi Dist Pune				
9.Taluka	Mulshi				
10.Village	Mahalunge				
Correspondence Name:	Mr. Vilas Tambe				
Room Number:	-				
Floor:	8th Level				
Building Name:	Solitaire World				
Road/Street Name:	-				
Locality:	Opp Regency Classic, Mumbai Banglore Highway, Baner Pune				
City:	Pune				
11.Area of the project	PMRDA				
12 100 /00 / 0	In Process				
Approval Number	IOD/IOA/Concession/Plan Approval Number: In Process				
**	Approved Built-up Area: 00				
13.Note on the initiated work (If applicable)	As per earlier EC Phase 1 of Sector R1 completed and Phase II of sector R1 , School building , E1 Retail shopping Building is under construction.				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	In Process				
15.Total Plot Area (sq. m.)	418297.00 sq m				
16.Deductions	NA as Integrated Township Project				
17.Net Plot area	418297.00				
	a) FSI area (sq. m.): 7,11,100				
Non-FSI)	b) Non FSI area (sq. m.): 5,57,783				
	c) Total BUA area (sq. m.): 1268883				
	Approved FSI area (sq. m.): In Process				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): In Process				
	Date of Approval: 26-06-2018				
19.Total ground coverage (m2)	99375				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	23.75 %				
21.Estimated cost of the project	2988000000				

# 22.Number of buildings & its configuration

K.S. Langets			Name: Kare Amir D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 85	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sector R1-Tower 1, Building A	LB+UB+S+22	69.75
2	Sector R1- Tower 2 Building C and D	P+7	23.95
3	Sector R1-Tower 3 Building C and D	P+7	23.95
4	Sector R1- Tower 4 Building C and D	P+7	23.95
5	Sector R1- Tower 4 Building C and D	P+7	23.95
6	Sector R1 -Tower 5 Building A,B,C and F	S+P+7	26.95
7	Sector R1 -Tower 6 Building D and E	P+7	23.95
8	Sector R1 -Tower 7 Building A,B And C	P+7	23.95
9	Sector R1 -Tower 8 Building D,E	P+7	23.95
10	Sector R1 -Tower 10	LB+UB+S+P+22	69.60
11	Sector R1 -Tower 11	LB+UB+S+P+22	69.60
12	Sector R1 -Tower 12	LB+UB+S+P+22	69.60
13	Sector R1 -Tower 13	LB+UB+S+P+22	69.60
14	Sector R1 -Tower 14	LB+UB+S+P+22	69.60
15	Sector R1 -Tower 15	UB+S+22	69.60
16	Sector R1 -Tower 16	UB+S+22	69.60
17	Sector R1 -Tower 17	UB+S+22	69.60
18	Sector R2- Building A1	S+7	22.95
19	Sector R2- Building B1,C2, E1,E2, E3 and E4	S+P+14	45.90
20	Sector R2- Building C1, D1 and D2	S+P+21	65.85
21	Sector R2 Commercial Building	G+ 1	09.00
22	Sector R3 Tower T1 to Tower T4	S+2P+21	72.00
23	Sector R3 Tower T5 and Tower T6	S+2P+14	51.70
24	Bunglows	G+ 3	14.00
25	Sector R4- Building A	P+9	29.00
26	Sector R4- Building B	P+12	37.70
27	Sector R4- Building C	P+11	34.80
28	Sector R5- Building A and Building B	B+S+P+30	100.00
29	Sector R6 Tower T1 and Tower T2	G+2P+21	74.70
30	Sector R6 Tower T3	B+G+2P+21	74.70
31	Sector R7 Tower T1 to Tower T5	S+2P+21	74.70
32	Sector R8-Building- A, B, C, E, F and G	P+12	37.05
33	Sector R8- Building- D	P+10	31.35
34	Sector E1-Commercial Building	B+LG+UP+3	21.00
35	Sector E2- Retail/ Offices	B+S+G+12	53.20
36	Sector E3- Tower 1 and Tower 2	2B+G+16	68.40
T			Name: K m24 Rmi) D

K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page	e <b>86</b>	Name: K 974 A mi ) D Signature: A line Shri. Anil Kale (Chairman
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page	e 86	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 1	120	SEAC-III)

37	Sector E4- Tower 1 and Tower 2				68.40	
38	Sector	r E5- Retail/ (	Offices		B+G+5	23.10
39		Hospital			B+G+3	15.00
40		Town hall			B+G+2	15.00
41	Market – I	Building 1 to	Building 4		G + 1	07.35
42		School			G + 5	21.00
43	Fire	e Station (off	ice)		G+1	09.00
44	Fire S	tation (resid	ential)		P+4	15.00
45	Sport	Complex buil	lding A		G+2	14.00
46	Sport	Complex buil	lding B		B + G	03.50
23.Number tenants an	r of d shops	8737 tenam	ients , 18 bu	nglows and	1106 offices/ retail Sh	ops
24.Number expected r users	r of esidents /	Residential	43,775 user	s Commerci	al 28,959 users	
25.Tenant per hectar	density e	Tenant Den	sity 1046/he	c Tenement	Density 209/ hec	0
26.Height of the building(s)						
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)					lue ridge fire station approx. 1 km.	
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	g (s) if any	As per earli E1 Retail sh	er EC Phase hopping Buil	1 of Sector ding is unde	R1 completed and Pha r construction.	ase II of sector R1 , School building ,
30.Details of the demolition with disposal (If applicable)NA						
			31.P	roduct	tion Details	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	) Total (MT/M)
1	Not app	plicable	Not app	plicable	Not applicable	Not applicable
<b>32.Total Water Requirement</b>						



		Source of	water	Mula River Irrigation Department, Govt of Mahatrashtra							
		Fresh wate	er (CMD):	4723 m3/da	ny						
		Recycled w Flushing (	vater - CMD):	2530 m3/day							
		Recycled w Gardening	vater - (CMD):	732 m3/day							
		Swimming make up (	pool Cum):	5 m3/day							
Dry season:		Total Wate Requireme :	er ent (CMD)	7990 m3/da	Ŋ						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	2750 m3/da	ıy			6			
		Fire fightin Overhead tank(CMD)	ng - water ):	20000 lit/building							
		Excess trea	ated water	3179 m3/da	ny						
		Source of	water	Mula River	Irrigation De	epartment, G	Govt of Maha	trashtra			
		Fresh wate	er (CMD):	4723 m3/day							
			vater - CMD):	2530 m3/day							
		Recycled w Gardening	vater - (CMD):	00							
		Swimming make up (	pool Cum):	5 m3/day							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	7258 m3/day							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	2750 m3/day							
		Fire fightin Overhead tank(CMD	ng - water ):	20000 lit/building							
		Excess tre	ated water	3911 m3/da	ny						
Details of Swimming pool (If any)Water requirement for n a) PH-7.0 to 7.6 b)Chlorine Content -0.8 c) Disinfection Treatment			make up : 5kld 3 to 1.0 ppm Residual Chlorine in pool ent - With Ozone								
33.Details				s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	MD)		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		

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 88 of 120	Name: Kare Ami D Signature: Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	-------------------	--

I	Level of the Ground water table:	Pre Monsoon 12-15 mt bgl Post Monsoon 4 to 5 mt bgl					
s t	Size and no of RWH tank(s) and Quantity:	NA					
I	Location of the RWH tank(s):	NA					
34.Rain Water Harvesting	Quantity of recharge pits:	46					
(RWH) 5	Size of recharge pits	2m X 1 m X 2m					
H	Budgetary allocation (Capital cost) :	Rs 46,00,000 /-					
H	Budgetary allocation (O & M cost) :	Rs 5,00,000 /-					
I	Details of UGT tanks if any :	Total UGT Capacity of the Project 13640 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:	264 m3/Min					
S	Size of SWD:	1.5 m dia					
Si	Sewage generation in KLD:	6441 KLD					
5	STP technology:	Engineered Wetland					
Sewage and	Capacity of STP (CMD):	6500 KLD					
Waste water	Location & area of the STP:	On ground, Sector wise STPs are Provided also ETP of 1 KLD will be provide for health care.					
H	Budgetary allocation (Capital cost):	Rs 21,80,00,000 /-					
H	Budgetary allocation (O & M cost):	Rs 1,15,22,000/-					
	<b>36.Soli</b>	l waste Management					
Waste generation in	Waste generation:	Dry waste (Kg/day): 60 kg/day -Wet waste (Kg/day): 60 kg/day -Total waste generated: 120 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					
I	Dry waste:	13152 kg/day					
V	Wet waste:	16038 kg/day					
Waste generation	Hazardous waste:	NA					
in the operation Phase:	Biomedical waste (If applicable):	8					
S	STP Sludge (Dry sludge):	773 kg/day					
(	Others if any:	e waste : 140 kg/day					

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 89 of 120	Name: K 974 A min D Signature: A find a Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	-------------------	--

		Dry waste:			Will be seg	Will be segregated and handed over to authorized Vendor							
		Wet	waste	:		Wet waste has been pr	will be t roposed	treate	ed in O	rganio	c Wast	e Conv	verter, sector wise OWC
Mode of I	Dienocal	Haza	rdous	wast	e:	NA							
of waste:	Disposai	Biom appli	edica cable	l was ):	te (If	Will be seg	Will be segregated and handed to Authorized Biomedical Waste vendor						
STP Sludg sludge):		e (Dry	ÿ	Dried sludge from STP will be used as manure									
		Othe	rs if a	ny:		e waste wil	l be han	ndove	r to au	thoriz	ed e w	vaste V	/endor
	Location(s):				On ground,	Sector	wise	OWCs	are P	ropose	ed		
Area requirem	ent:	Area of wa mate	for th iste & rial:	e sto othe	<b>rage</b> r	263 sq m							6
		Area	for m	achin	ery:	1074 sq m							
Budgetary	allocation	Capit	tal cos	st:		Rs 4,20,25,	000						
O&M cost)	st and	0 & 1	M cos	t:		Rs 86,88,211							
	37.Effluent Charecterestics												
Serial Number	Parameters		U	nit	Inlet E Charect	Effluent terestic	t C <b>S</b>	Ou Ch	Outlet Efflue Charecterest		nt ics	Effluent discharge standards (MPCB)	
1	Not applicable		N appli	ot cable	Not ap	plicable		N	lot apj	plicabl	e	Not applicable	
Amount of effluent generation 0.8						C		5					
Capacity of the ETP: 1			1 KL	D									
Amount of treated effluent 0.7													
Amount of water send to the CETP: Not applied				applica	ble	7							
Membershij	p of CETP (if	requi	re):	Not a	pplica	ble							
Note on ET	P technology	r to be	used	adva	nce Ox	idation Proc	ess						
Disposal of	the ETP sluc	lge		Will I	oe Disp	posed throug	Jh autho	orized	l vendo	or			
				3	8.Ha	zardous	Wast	te D	etai	ls			
Serial Number	Descr	iption		C	at	UOM	Exist	ing	Prop	osed	То	tal	Method of Disposal
1	Not app	plicabl	e	N appli	ot cable	Not applicable	No applica	t able	No applio	ot cable	N appli	ot cable	Not applicable
		5		3	<b>39.S</b> t	acks em	issio	n De	etail	5			
Serial Number	Section	& uni	its	F	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 app	plicable	No applica	t able	No applio	ot cable	N appli	ot cable	Not applicable
				4	0.De	tails of <b>F</b>	uel t	o be	e use	d			
Serial Number	Тур	e of F	uel			Existing			Prop	osed			Total
1	Not	applic	able		Ν	Not applicabl	e	N	lot app	licabl	e		Not applicable
41.Source o	of Fuel				Not a	pplicable							
42.Mode of	Transportat	ion of a	fuel to	site	Not a	pplicable							
K.S.Langote (Secretary SEAC Meeting No					ing No	o: 69 Meeting 2018	<b>) Date:</b> A	Augus	st 30,	Pa	ge 90 f 120	Nam Sign Shri. SEAC	ne: Kart Amin D nature: Accelan Anil Kale (Chairman -III)

		Total RG a	rea :	RG + CG =	122090 sq m					
		No of trees	s to be cut	Few Trees of the trees with	exist on site of of which s ill be protected	some will be transplanted and rest of				
43.Green Belt		Number of be planted	f trees to	6275	6275					
Develop	Development List or native		List of proposed native trees :		As listed Below					
		Timeline for completion of plantation :		Till Operation Phase						
	44.Number and list of trees species to be planted in the ground									
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Syzygiui	m cumini	Jambh	ul Tree	250	A large size tree with dense foliage provides shade along roads; wood is water resistant and attracts a variety of birds				
2	Millingtoni	a hortensis	Indian c	ork tree	545	A columnar, evergreen tree, grows well in both dry and moist regions.				
3	Lagerstromia flos- regineae		Tamhan		470	State flower tree of Maharashtra. Medium sized tree, beautiful purple flowers, grows well in both dry and humid climate.				
4	Pongami	a pinnata	Karanj		540	Large tree good for stopping soil erosion along canal banks				
5	Azadirachta indica		Neem		550	A medium to large size hardy tree which stand in drought conditions. Air Purifying quality Attain a much larger size in dry regions.				
6	Cassia	fistula	Bahava		350	SSmall deciduous tree. Excellent bright flowering tree for arid regions.				
7	Ficus be	enjamina	Weeping Fig		240	Medium sized evergreen tree with elegant appearance and moderate water requirement				
8	Plumer	ria alba	Cha	mpa	200	Ornamental flowering tree				
9	Michelia	champaca	Soncl	napha	550	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant.				
10	Polyathia	longifolia	Ash	oka	300	Large evergreen tree Effective in decreasing noise pollution				
11	Mangife	ra indica	Ма	ngo	250	Large evergreen and fruit bearing tree				
12	Albizia	lebeck	Shi	rish	450	Shady, large tree, ball shaped flowers				
13	Butea mo	nosperma	Pa	las	250	Small deciduous. Good for roadside plantation.				
14	Psidium	guajava	Guava	, Peru	150	Small hardy and birds attracting tree.				
15	Jacaranda	mimosifolia	Jacar	anda	350	Medium size gracious deciduous, flowering tree which prefers moderate climate.				

K.S.Langote (Secretary SEAC-III) SEAC Meeting No: 69 Meeting Date: August 30, Page 2018 of	91 Shri. Anil Kale (Chairma	n In
--	-----------------------------	---------

16	Khaya s	enghalis	K	haya	230		Large roadside tree with white sweet scented flowers.		
17	Spatl campa	hodia Pich		hkari	25	50	A handsome large deciduous tree. Good for roadside plantation		
18	Bauhinia	purpurea	Rakta	Kanchan	35	50	Small hardy tree with beautiful pink flowers.		
45	.Total quai	ntity of plan	ts on grou	ınd			•		
<b>46.Num</b>	nber and	list of sh	rubs a	nd bushes	s species	to be pla	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		
1	Raj	phis Palm		0.60			125		
2	Allam	anda yellow		0.45			75		
3	Aspara	gus Sprenger	ri	0.30			60		
4	Iz	kora red		0.30			75		
5		Rhoeo		0.23			50		
6	Rus	sselia Red		0.30			50		
7	Ar	eca palm		0.60			50		
8	Euphorl	bia carcassan	a	0.45		75			
				<b>47.E</b> 1	nergy				
Source of power supply :			MSEDCL	<b>C</b>					
		During Cor Phase: (De Load)	nstruction mand	100 KW	, O				
		DG set as F back-up du constructio	Power Iring In phase	125 KVA	125 KVA				
Dee		During Ope phase (Con load):	eration inected	52940 kW					
require	ement:	During Ope phase (Den load):	eration nand	39411 kVA					
		Transform	er:	63 x 630 kv	63 x 630 kva				
		DG set as F back-up du operation p	Power Iring phase:	25 x 500 kv	25 x 500 kva, 8 x 400 kva, 4 x 300 kva, 6 x 250 kva, 4 x 140 kva				
		Fuel used:		HSD					
	<b>S*</b>	Details of h tension line through th any:	nigh e passing e plot if	YES	YES				
		<b>48.Ene</b>	rgy sav	ing by no	n-conver	tional m	nethod:		
Total Energ	y Saving : i.e	e. ( 28 % Sav	ings)						
		49	).Detai	calculati	ons & %	of savin	g:		
Serial Number	E	nergy Conse	ervation N	leasures			Saving %		



1	Timers and commo	d conta on are &	actors & exte li	will be used rnal landsca ghting.	to switch on pe and facad	n / off le		9	956	180 kWH	
2	Light Emit	ting Di ,Lobł	ode (L pies ar	ED) will be d common a	used for corr areas.	ridors				YES	
3	All flu incorporat loss compa in superio saves ener	orescent te elect ared to or oper ogy. Ele th	nt ligh tronic electr ating ectroni e fluor	t fixtures ar chokes whic co-magnetic power factor c chokes als rescent lamp	e specified to ch have less v chokes and r r. This indire so improves l ps.	o watt- cesult ectly life of				YES	
4	Energy ef 30% more and the correspor W/sq.mtr	ficient light o erefore nding lo . in Res Off	cfl/t5/ utput requin ower p sidenti ice are	led lamps wi for the same re less nos. ( point wiring al areas & 1 eas is propos	hich give app e watts consu Of fixtures ar costs. LPD of .0.8 W/sq.mt sed.	prox. umed nd f 7.5 r. in	956180 kWH				
5	All cables will be derated to avoid heating during This also indirectly reduces losses and improve reliability. To achieve the same we have consider current carrying capacity of all the cables laid through ground/air whichever is minimum.						se. ed YES				
6	125 Ltrs Solar water is provided for each flat.						13139199 kWH				
7	Solar PV panel system is proposed for Street lighting & Building common lighting.										
50.Details of pollution control Systems											
Source	Existing pollution control system Proposed to be installed							to be installed			
Not applicable	Not applicable							Ν	ot a	pplicable	
Budgetary	y allocation Capital cost: Rs 2,00,00/-										
O&M	<b>SM cost:</b> Rs 10,00,000/-										
51	51.Environmental Management plan Budgetary Allocation										
			a)	Constru	ction pha	ase (wi	th Brea	ak-up):			
Serial Number	Attri	butes		Para	meter	Total Cost per annum (Rs. In Lacs)					
1	Air Envi	ironme	nt	Erosion co suppression top soil pr	ontrol, dust n measures, reservation		434.60			60	
2	La	nnd		Labour car sanit	np toilets & tation			2	28.8	30	
3	Health a	nd safe	ety	Health c Disinf	heckup & fection				2.7	6	
4	Enviro Manag	onment gement	; ;	Enviro manage	onment ment cell				3.0	0	
5	Enviror Monitoring	nmenta g (Per N	al Year)	Air, Water, DG	Noise, Soil, set,				2.7	5	
6	Labor Safety Equipment and training Labor Safety Equipment and training				Safety nent and ning			2	24.(	00	
			b	) Operat	ion Phas	e (with	n Breal	k-up):			
Serial Number	Comp	onent		Descr	ription	Capita	l cost Rs Lacs	. In O	pe	ational and Maintenance cost (Rs. in Lacs/yr)	
K.S.Langote (Secretary SEAC-III)				Meeting No: 69 Meeting Date: 2018			gust 30,	Page 9 of 12	3 0	Name: Kare April D Signature: Shri. Anil Kale (Chairman SEAC-III)	

1	Sewage p	treatment lant	S	ГР		2180			115.2	2		
2	Orgai mana	nic waste agement	10	WC		420.25			86.88	3		
3	3 Landscaping Developm Mainte		ment and enance	d	305.22			30.52				
4	Rain wate	er harvestin	g Rechar	rge pits		46.00			5.00			
5	Eı	nergy	Solor Hot V par	Water & nels	PV	200		10.00				
6	6 Environment Monitoring		Air, Noise, STP /ET treated w Manure,	Air, Noise, Soil, Water STP /ETP/ WTP treated water, OWC Manure, DG Stack		00			11.50			
51.S	torag	e of ch	emicals	(infl	amah	le/expl	nsix	e/haz	zardou	s/toxic		
substances)										J COMIC		
Descri	ption	Status	Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation		
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable		
			52.A	ny Ot	her Inf	ormatior	ı					
No Informa	tion Availa	ble										
			53.	Traffi	c Mana	gement						
		Nos. of t to the m design o confluen	he junction ain road & f ce:	The site is located in Mhalunge Area. The development will be accessible from 36m wide Mhalunge road while the internal driveways are 6 m to 30 m								
		Number basemer	and area of t:	51184.08 sq m								
		Number podia:	and area of	104613.40 sq m								
		<b>Total Pa</b>	rking area:	231432 sq m								
	(	Area per	car:	12.5 sq	[ m							
		Area per	car:	12.5 sq m								
Parking	Parking details:		of 2- s as l by nt y:	18688 Nos								
		Number Wheeler approved compete authorit	of 4- s as l by nt y:	9303 N	los							
		Public T	ransport:	The Pro	oject propo	osespublic tr	anspoi	rt li				
		Width of roads (m	all Internal	6 m to 36 m								

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 69 Meeting Date: August 30, 2018	Page 94 of 120	Name: Kare Ami D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)
-------------------------------------	--	-------------------	--

CRZ/ RRZ clearance obtain, if any:	NA
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
Category as per schedule of EIA Notification sheet	8 (b)
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

Summorised in brief information of Project as below.

# Brief information of the project by SEAC

Environment Clearance for Environment Clearance for Integrated Township at S no 40-47 at Mhalunge talukaMulshi Dist Pune by Mahalunge Land Developers LLP.

# DECISION OF SEAC



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

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

1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.

2) PP to details of commercial area in consolidated statement.

3) PP to submit condition wise compliance report of earlier EC conditions.

4) PP to submit architect certificate of work initiated on site as per earlier EC.

5) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.

6) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017

7) PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.

8) PP to include carbon footprint estimations for operation & construction phase in EIA report.

9) PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with

dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.

10) PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.

11) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places including UGT , OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.

12) PP to submit parking layout plan for all the floors showing slope and width of the ramps.

**13)** PP to submit cross section of all buildings.

14) PP to submit parking area statement as per DCR.

15) PP to submit cross section of basement showing width and slope of ramp.

16) PP to submit details of basement parking.

17) PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.

18) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.

19) PP to carry out fugitive dust monitoring by using local meteorological data.

20) PP to submit waste management plan details with its transport, collection, storage and disposal for all types of wastes like hazardous waste, nonhazardous waste, solid waste, E- waste, and debris/excess earth etc.;PP to submit OWC details

21) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.

22) PP to submit disaster management plan.

23) PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socio-economic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.

24) 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.

25) PP to submit phase wise development plan considering wind rose diagram.
26) PP to obtain and submit following NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal. 27) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.

28) PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.

29) PP to submit internal storm water drain and sewer line arrangements up to final disposal point.

30) 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

31) PP to submit details hydro geological survey report with graphs & data.
32) PP to identify sources of air pollution, PP to include mitigation measures to reduce Air pollution/Noise pollution.

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

34) PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.

35) PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.

36) PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring. 37) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc

38) 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.

39) PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.

40) PP to submit CER details.

# FINAL RECOMMENDATION

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



SEAC Meeting number: 69 Meeting Date August 30, 2018

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

#### Is a Violation Case: No **1.Name of Project** Proposed "Solitaire world" project 2.Type of institution Private **3.Name of Project Proponent** M/s. Classic Promoters & Builders Pvt. Ltd. GREEN CIRCLE, INC 4.Name of Consultant **5.Type of project** Residential & Commercial 6.New project/expansion in existing project/modernization/diversification Amendment in existing project 7.If expansion/diversification. whether environmental clearance Yes has been obtained for existing project 8.Location of the project Survey no. 578/1/2, 578/1/3 Haveli 9.Taluka 10.Village Bibvewadi Mr. Vilas Tambe **Correspondence Name: Room Number:** Floor: Level 8 **Building Name:** Solitaire World Road/Street Name: Mumbai Bangalore Highway Locality: Baner City: Pune 411015, Maharashtra **11.Area of the project** Pune Municipal Corporation CC/2439/17 Dt.21/12/2017 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: CC/2439/17 Dt.21/12/2017 Approval Number Approved Built-up Area: 180910.78 13.Note on the initiated work (If only excavation as per old EC applicable) 14.LOI / NOC / IOD from MHADA/ PMC Other approvals (If applicable) 15.Total Plot Area (sq. m.) 66309.00 sq. m **16.Deductions** 18134.05 sq.m **17.Net Plot area** 48174.95 sq.m a) FSI area (sq. m.): 180910.78 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 180440.41 Non-FSI) c) Total BUA area (sq. m.): 361351.19 Approved FSI area (sq. m.): 180910.78 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): 58656.39 DCR Date of Approval: 21-12-2017 19.Total ground coverage (m2) 18214.60 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 35 to sky) 21.Estimated cost of the project 10511567000 22.Number of buildings & its configuration Serial **Building Name & number** Number of floors Height of the building (Mtrs) number Name: Kare Ani) D



1		A-Tower	3B +	Ground + 30 Floor	118.50 m				
2		W1-Tower	2B +	ground+ 30 Floor	101 m				
3		W2-Tower	2B +	ground + 30 Floor	101 m				
4		W3-Tower	2B +	ground+ 30 Floor	101 m				
5		W4-Tower	3B	+ Podium + 30	101 m				
23.Number tenants an	<b>Number of</b> <b>nants and shops</b> world plaza commercial,basement-1,supermarket ground floor-74 shop,2-restaurants,1 cine with 8 screen first,16 shops,7-restaurants & 1- family entertainment ,second-7,sports club & restaurant,SBH 1 contain 259 nos.of offices,SBH2 contain 372 no. of offices,residential 4 towers-718 flat's								
24.Number expected re users	r of esidents /	11889 (Floating Population) + 11355 (Fixed Population)							
25.Tenant per hectar	<b>density</b> e	ity NA (as per new DCR ) ( PMC Rule )							
26.Height building(s)	of the	the							
27.Right of (Width of t from the n station to t proposed h	27.Right of way (Width of the road from the nearest fire station to the proposed building(s) 24 & 30 wide DP road from the Nearest Fire station (1.0 km) to the proposed building abutting								
28.Turning for easy ac fire tender movement around the excluding t for the play	B.Turning radius or easy access of re tender novement from all round the building xcluding the width or the plantation								
29.Existing structure (	J s) if any	No							
30.Details demolition disposal (I applicable)	of the with f	Not Applicable							
		31	.Product	ion Details					
Serial Number	Pro	duct	ting (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not app	plicable Not	t applicable	Not applicable	Not applicable				
32.Total Water Requirement									



Source of water					PMC Water Supp	У							
		Fre	sh water (C	<b>(MD):</b>	719.55 KLD								
		Rec Flu	ycled water shing (CMI	r - )):	460.14 KLD								
		Rec Gar	ycled water dening (CM	r - 1D):	130.00 KLD								
		Swi mal	mming poo ke up (Cum	ol ,	18.5 KLD								
Dry seasor	1:	Tot Reg :	al Water <sub>[</sub> uirement (	CMD)	1328.19 KLD								
		Fire Unc tan	e fighting - lerground v k(CMD):	water	1510 KLD				6				
		Fire Ove tan	e fighting - rhead wate k(CMD):	er í	160 KLD								
		Exc	ess treated	water	494.49 KLD								
		Sou	rce of wate	er l	PMC Water Supp	у							
	Fre	sh water (C	<b>(MD):</b>	719.55KLD									
		Rec Flu	ycled water shing (CMI	r - <b>)):</b>	460.14 KLD								
		Rec Gar	ycled water dening (CM	r - (1D):	)								
		Swi mal	mming poo ke up (Cum	):	)	5							
Wet seaso	n:	Tot Reg :	al Water <sub>l</sub> uirement (	CMD)	1179.69 KLD								
		Fire Unc tan	e fighting - lerground v k(CMD):	water	1510 KLD								
		Fire Ove tan	e fighting - rhead wate k(CMD):	er	160 KLD								
		Exc	ess treated	water	642.99 KLD								
Details of pool (If an	Swimming y)	Size	e : 25 x 13 x	1.6 m									
			33.1	Details	of Total wa	ter cons	umed						
Particula rs	Con	sum	ption (CMI	))	Loss	(CMD)		Effluer	nt (CMD)				
Water Require ment	Existing	g	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applica	able	1328.19	1328.19	Not applicable	1000	1000	Not applicable	800	800			

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

K.S.Langote K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 100	Name: Kare Ami D Signature: Acala Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

Dry waste:				Will be Handed over to Municipal Corporation for further handling & disposal purpose.					
		Wet waste	:	Will be con Generated	verted to bio manure will	-manure thre be used for g	ough Organio Jardening.	c Waste Processor.	
Mode of Disposal Hazardous		Hazardous	waste:	The used oil will be sold to re-processor authorized by MPCB. Suitable care will be taken, so that spills /leaks of spent oil from storage are avoided.					
		Biomedica applicable	l waste (If ):	NA	NA				
		STP Sludg sludge):	e (Dry	will be used	l as manure	for landscap	ing after dry	ing.	
		Others if a	ny:	NA					
		Location(s	):	Location of	Organic Wa	ste Processo	r: near STP (	for W-02 & 03)	
Area requirem	ent:	Area for th of waste & material:	e storage other	NA	NA				
		Area for m	achinery:	NA					
Budgetary (Capital co	allocation st and	Capital cos	st:	Rs. 150.88	Lacs				
O&M cost)	•	0 & M cos	t:	Rs. 20.72 L	acs				
			37.Ef	fluent C	harecter	estics	9		
Serial Number	Paran	neters	Unit	Inlet E Charect	affluent terestics	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)	
1	BOD 3days	s @27degC	mg/l	200	- 250	<10		10	
2	CC	DD	mg/l	5	10	9	100		
Amount of e (CMD):	effluent gene	eration	Not applica	ble		•			
Capacity of	the ETP:		Not applica	ble					
Amount of t recycled :	reated efflue	ent	Not applica	ble	le				
Amount of v	vater send to	o the CETP:	Not applica	ble					
Membershij	o of CETP (if	require):	Not applica	able					
Note on ET	P technology	to be used	Not applica	ble					
Disposal of	the ETP slud	lge	Not applica	ble					
		C	38.Ha	zardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	Used oil fro	om DG sets	5.1	Litres/yr	-	5200	5200	re-processor authorized by MPCB	
	5		39.St	acks em	ission Do	etails			
Serial Number	Section	& units	Fuel Us Quar	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	2 x 125 KV Exist	A (D.G set- ting)	HS	SD	2	2-3.5	-	400	
2	14 Nos. x (Proposed	1250 KVA l- D.G set)	HS	SD	12	2 - 3.5	-	400	
40.Details of Fuel to be used									

K.S.Langete K.S.Langete	SEAC Meeting No: 69 Meeting Date: August 30,	Page 101	Name: Kare Ami D Signature:
SEAC-III)	2018	of 120	SEAC-III)

Serial Number	Тур	e of Fuel		Existing		Proposed		Total
1		HSD		NA		HSD		HSD
41.Source of	of Fuel		Autho	orized Dealer				
42.Mode of	Transportat	ion of fuel to si	te By ro	ad				
		Total RG are	a :	21688.88 m	2			
		No of trees to	o be cut	NA				
43.Gree	n Belt	Number of tr be planted :	rees to	PROPOSED FRUIT TREE	LIST OF ES: 72	NATIVE TREE	S: 598	+ PROPOSED LIST OF
Develop	ment	List of propo native trees	sed :	598				5
		Timeline for completion o plantation :	of	2 years				N
	44.Nu	mber and l	list of t	rees spec	cies to	be plante	d in t	the ground
Serial Number	Name of	the plant	Commo	n Name	Q	uantity	Cha	aracteristics & ecological importance
1	cassia	fistula	bah	awa		90	Dro	ught tolerant ,ornamental & medicinal plant
2	Anthoce cada	Anthocephallus cadamba		kadamb 25		25		-
3	saraca	indica	Sita a	ashok	101		E	vergreen medicinal plant
4	Bauhinia	racemosa	Ap	ota	60			-
5	Lagerstrom	nia speciosa	Tam	han		22	Mee	licinal value, Native species
6	Albizia	lebbeck	Shi	rish	39			-
7	Bauhinia	blackiana	kanch	kanchan raj		127		-
8	Erythrina	variegata	Pan	gara	115		-	-
9	Nycta arbor	anthes tristic	parij	atak	19			-
10	Mangife	ra indica	ma	ngo		67	Everg	green and bird attracting tree
11	Psidium	iguajava	Gu	ava		5		-
45	5.Total quai	ntity of plants	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		nce		Area m2	
1	Aspar	agus myerii		-				-
2	Plumba	ago Capensis		-				-
3	В	ambusa		-				-
4	Cordyli m	ine terminalis nahatma		-				-
5	Cyperu	s alternifolius		-				-
6	Pennise	etum rueppeli		-				-
7	Mussaeno	da erythrophyll	a	-				-
8	Scheffle	era Arboricola		-				-
9	Dracaena n	narginata tricol	lor	-				-

K.s. Langots			Name: Kare Anit D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 102	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

10	Galph	nimia glauca		-	-			
47.Energy								
		Source of power supply :		MSEDCL + D.G set (par	rtial)			
		During Construct Phase: (Demand Load)	tion	220 KW				
		DG set as Power back-up during construction pha	ase	as a back up only				
Dop	NOT	During Operatio phase (Connecte load):	n ed	18568.06 KW				
require	ement:	During Operatio phase (Demand load):	n	10843.43 KW				
		Transformer:		4 X 1500 KVA				
		DG set as Power back-up during operation phase	•	2 nos.x 1250 KVA & 12 nos. x 1250 KVA				
		Fuel used:		HSD				
		Details of high tension line pass through the plot any:	sing ; if	NA				
		48.Energy	savi	ng by non-conver	ntional method:			
Use of LED Use of Time Solar Panel	Lamps for c ers & dayligh System	ommon areas nt sensors for comn	10n ar	ea lighting				
		49.De	tail	calculations & %	of saving:			
Serial Number	Е	nergy Conservati	on Me	easures	Saving %			
1	U	se of LED lamps in	comn	on area 8 %				
2	Comn	non area / external	lightiı	ng on timers	2 %			
3		Multiple circuits	for lig	hting	2 %			
4		Group control for	r eleva	ators	1.5 %			
		50.Deta	ails	of pollution cont	rol Systems			
Source	Ex	isting pollution c	ontro	l system	Proposed to be installed			
Sewage Treatment plant	S	Not applicable Sewage Treatment Plant			Sewage Treatment Plant			
Organic Waste Processor		Not applicable Organic Waste Processor			Organic Waste Processor			
Budgetary	allocation	Capital cost:		25 Cr.				
(Capital O&M	cost and cost):	O & M cost:		2.5 Cr.				
51.Environmental Management plan Budgetary Allocation								
		a) Cons	struc	tion phase (with	Break-up):			
		u) 00110		F				

K.S. Langet			Name: Kore Amir D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 103	Shri. Anil Kale (Chairman
SEAU-111)	2010	0j 120	SEAC-III)

Serial Number	Att	Attributes Parameter			Total Cost per annum (Rs. In Lacs)						
1	Wate: Supj	r for Dust pression	Particulat	Particulate matter		5					
2	Site Sa S	nitation & afety	-						8		
3	Envir Moi	onmental nitoring	Air, wate	er, noise	9				5		
4	Disi	nfection	-						4		
5	Health	Check up	All rel param	evant leters					3		
		]	b) Operati	on Pl	hase	(wi	th Breal	k-up	):		
Serial Number	Con	iponent	Descri	ption		Capi	ital cost Rs Lacs	. In	Operat c	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Was	tewater	STP	Cost			1.5 crores			13 La	cs
2	Soli	d waste	Solid V Manag	Naste ement			52 lacs			5 Lac	S
3	Gre	en area	Green develoj	ı Belt pment			5 crores			50 lao	S
4	Groundwa	ater recharg	e Rain water	harvest	ing		1 crore	10 lacs		S	
5	E	nergy	Energy E equipr	Efficient nents	t	10 crores		1 crore			
6	Air, wate	er, noise, soil	Environ monit	mental oring				6 lacs			
51.S	torag	e of ch	emicals	(infl sub	lam stai	abl nce	e/explo es)	osiv	/e/haz	zardou	s/toxic
Description S		Status	Location		Stor Capa in N	rage icity MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation
HS	D	Not applicable	Not applica	Not applicable ap		ot cable	Not applicable	Not applicable		Not applicable	Not applicable
52.Any Other Information											
No Informa	tion Availa	ble									
		2 <sup>1</sup>	53.	Гraffi	c Ma	ana	gement				
	Nos. of the junction to the main road & design of confluence:     2 nos.										



	Number and area of					
	basement:	3 * 53195.93				
	Number and area of podia:	1 *10120.40				
	Total Parking area:	53195.93 sq. m.				
	Area per car:	28				
Parking details:	Area per car:	28				
	Number of 2- Wheelers as approved by competent authority:	6832				
	Number of 4- Wheelers as approved by competent authority:	3512				
	Public Transport:	Auto rickshaw stand within 15m from entrance gate.				
	Width of all Internal roads (m):	6 m				
	CRZ/ RRZ clearance obtain, if any:	NA				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA				
	Category as per schedule of EIA Notification sheet	Category B, 8(b).				
	Court cases pending if any	NA				
	Other Relevant Informations	NA				
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS						
	Summorised in brief information of Project as below.					
Brief information of the project by SEAC						
Environment Clearance for Environment Clearance for "8(b)" Township and Area development Proposed "Solitaire world" project at Survey no.578/1/2, 578/1/3 by M/s. Classic Promoters & Builders Pvt. Ltd.						

# **DECISION OF SEAC**

K.s. Langet			Name: Kare Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 105	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

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

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

1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.

2) PP to details of commercial area in consolidated statement.

3) PP to submit condition wise compliance report of earlier EC conditions.

4) PP to submit architect certificate of work initiated on site as per earlier EC.

5) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development. 6) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017.

7) PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.

8) PP to include carbon footprint estimations for operation & construction phase in EIA report.

9) PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development - Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.

10) PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.

11) PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters ; PP to submit cross section of roads at four places including UGT, OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.

12) PP to submit parking layout plan for all the floors showing slope and width of the ramps.

13) PP to submit cross section of all buildings.

14) PP to submit parking area statement as per DCR.

15) PP to submit cross section of basement showing width and slope of ramp.

16) PP to submit details of basement parking.

17) PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.

18) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.

19) PP to carry out fugitive dust monitoring by using local meteorological data.

20) 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. **21)** PP to submit detail debris management plan, PP should not remove the debris haphazardly & dump it on road side.

22) PP to submit disaster management plan.

23) PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socioeconomic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.

24) 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

25) PP to submit phase wise development plan considering wind rose diagram.

26) PP to obtain and submit following NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.

27) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.

28) PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.

29) 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

30) PP to submit internal storm water drain and sewer line arrangements up to final disposal point.

31) PP to submit details hydro geological survey report with graphs & data.

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

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

34) PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.

35) PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.

36) PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring.

37) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.

38) 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.

39) PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.



# 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.

SHACHERINA



## SEAC Meeting number: 69 Meeting Date August 30, 2018

**Subject:** Environment Clearance for Environment Clearance for Proposed Integrated Township at Gat No. 124, 125,127 to 132, 137 to 142, 144 to 153, 155 to 160, 162 to 164, 166 ,167 ,169,170, 194 at Manjri Khurd, Haveli Taluka, Pune by Ashdan Developers Private Ltd.

#### Is a Violation Case: No

1.Name of Project	Proposed Integrated Township at Gat No. 124, 125,127 to 132, 137 to 142, 144 to 153, 155 to 160, 162 to 164, 166 ,167 ,169,170, 194 at Manjri Khurd, Haveli Taluka, Pune by Ashdan Developers Private Ltd.				
2.Type of institution	Private				
<b>3.Name of Project Proponent</b>	Mr. Vilas Tambe				
4.Name of Consultant	VK:e Environmental LLP , Pune				
5.Type of project	Integrated Township Project				
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in Earlier EC, EC Number: SEAC-2010/CR 287/TC-2				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	The project has been granted environmental clearance vide letter SEAC-2010/CR 287/TC-2 , Dated - September 7, 2010, EC Extended till year 2022				
8.Location of the project	Gat No. 124, 125,127 to 132, 137 to 142, 144 to 153, 155 to 160, 162 to 164, 166 ,167 ,169,170, 194				
9.Taluka	Haveli				
10.Village	Manjri Khurd				
Correspondence Name:	Mr. Vilas Tambe				
Room Number:	S.No. 36/1/1				
Floor:	NA				
Building Name:	Solitaire World Level 8				
Road/Street Name:	Mumbai Banglore Highway Baner				
Locality:	Opposite Regency Classic				
City:	Pune				
11.Area of the project	PMRDA				
	In process				
12.IOD/IOA/Concession/Plan	IOD/IOA/Concession/Plan Approval Number: In process				
	Approved Built-up Area: 00				
13.Note on the initiated work (If applicable)	Work in progress as per old EC. Buildings of Sector R1 and R2 are under construction.				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	4,04,497.00 m2				
16.Deductions	NA as proposed project is Integrated Township				
17.Net Plot area	4,04,497.00 m2				
10 (a) Draw and Duilt an Area (ECLS	a) FSI area (sq. m.): 687645				
Non-FSI)	b) Non FSI area (sq. m.): 639882.9				
	c) Total BUA area (sq. m.): 1327527.9				
	Approved FSI area (sq. m.): 00				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 00				
2011	Date of Approval: 26-06-2018				
19.Total ground coverage (m2)	1,00,139.44				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	24.7				
21 Estimated cost of the project	2794000000				

K.s. Langets			Name: Kare Amin D Signature:						
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 108	Shri. Anil Kale (Chairman						
SEAC-III)	2018	of 120	SEAC-III)						
22.Number of buildings & its configuration									
---	--	---	---	--------------------------------------	--	--	--	--	--
Serial number	Buildir	ıg Name & number	Number of floors	Height of the building (Mtrs)					
1	Sector	R1- Tower T7,T8,T9	Stilt+22 floors	69					
2	Sector R	1- Tower T10,T11,T12	Stilt+Podium+22 floors	72					
3	Sect T	tor R2- Tower T1, 2,T3,T4,T5,T6	Stilt+22 floors	69					
4	Sector R	3- Tower A1,A2,A3,A4	2 Podium + 21 floors	69					
5	Sector R	3- Tower C1,C2,C3,C4	2 Podium + 14 floors	48					
6	Sector R	84- Wing A1,A2,B1,B2	Stilt+ Podium + 21 floors	69					
7	Sector R	4- Wing C1,C2,C3,C4	Stilt+ Podium + 14 floors	48					
8	Sector R	5A – Tower A,B,C,D,E	Stilt+2Podium+21 floors	72					
9	Secto	or R5B – Wing A,B	Stilt+2Podium+21floors	72					
10	Sect	or R6-Bldg A,B,C	Stilt+2 Podium + 13 floors	48					
11	Sec	ctor R6-Bldg D,E	Stilt+2 Podium +23 floors	78					
12	Secto	r R7-Tower 1,2,3,4	Stilt+2 Podium +21floors	72					
13	Sector R	.8-Bldg 1,2,3,4,5,6,7,8	2 B+Stilt+23 floors	72					
14	Sect	or R9-Wing A,B,C	Podium + 30 floors	99					
15	See T1,T	ctor R10- Tower 2,T3,T4,T5,T6,T7	Stilt + 12 floors	39					
16	Sector E	1- Commercial Tower	G+15 floors	64					
17	Sec	tor E2-Tower 1,2	Podium +G+15 floors	68					
18	Ma	rket C01- 4 nos.	Ground + 1 floor	6					
19	Н	lealthcare H01	Ground + 6 floors	24					
20	[	Гown hall P01	Ground + 5 floors	24					
21		School	Ground + 5 floors	24					
22	U2 Re	esidential- Bldg A,B	Podium + 3 floors	12					
23	Ŭ	J2 Fire Station	GR+ 1 floors	7.8					
24	S	ports complex	G+2 floors	14					
23.Number tenants an	r of d shops	8663 Tenements , 1213 Residential tenants : 43 population: 62,076	offices/shops ,315 Persons; Commercial users inclu	uding visitors: 18,761 Persons Total					
24.Number expected r users	r of esidents /	Residential tenants : 43 population: 62,076	,315 Persons; Commercial users inclu	nding visitors: 18,761 Persons Total					
25.Tenant per hectar	density e	216 Tenement/hectare;	1082 Tenants/hectare						
26.Height of the building(s)									
27.Right o (Width of f from the n station to proposed l	f way the road earest fire the puilding(s)	learest fire station: Amanora fire a is proposed in the project itself							



28.Turning for easy ac fire tender movement around the excluding t for the plat	y radius cess of from all building the width ntation	For easy access of fire tender 9m turning radius will be provided.							
29.Existing structure (	J s) if any	Buildings of	f Sector R1 a	and R2 are u	nder construction				
30.Details of the demolition with disposal (If applicable) NA									
			31.P	Product	ion Details	6			
Serial Number Pro		duct	Existing (MT/M)		Proposed (MT/M)	Total (MT/M)			
1	Not apj	plicable	Not ap	plicable	Not applicable	Not applicable			
	32.Total Water Requirement								
		Source of	water	Irrigation D	epartment, Govt of Maha	atrashtra			
		Fresh water (CMD):		4360 for res.+ 119 for car washing					
		Recycled w Flushing (	vater - CMD):	2320					
		Recycled v Gardening	vater - (CMD):	715					
		Swimming pool make up (Cum):		13					
Dry season	::	Total Water Requirement (CMD) :		7527					
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	3125					
		Fire fightin Overhead tank(CMD	ng - water ):	20 KLD for each building					
		Excess trea	ated water	2977					
	Si								



		Source of	water	Irrigation D	)epartment, (	Govt of Maha	atrashtra				
		Fresh wate	er (CMD):	4360 for re	4360 for res.+ 119 for car washing						
		Recycled w Flushing (	vater - CMD):	2320							
		Recycled w Gardening	vater - (CMD):	00							
		Swimming make up (	pool Cum):	13							
Wet season: Requirement (CMD) :			er ent (CMD)	6812							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	3125	3125						
		Fire fightin Overhead tank(CMD)	ng - water ):	20 KLD for each building							
		Excess trea	ated water	3692							
Details of pool (If an	Swimming y)	Water required a) PH-7.0 to b)Chlorine c) Disinfect	irement for 1 0 7.6 Content -0.8 ion Treatme	nake up : 13 kld to 1.0 ppm Residual Chlorine in pool nt - With Ozone							
		3	3.Detail	s of Tota	l water o	consume	d				
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)		Ef	fluent (CM	D)		
Water Require ment	Existing	Proposed	Total	Existing	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		

SLA



	Level of the Ground water table:	Pre Monsoon : 10 to 12 mt below ground level Post Monsoon: 4 to 6 mt below ground level				
	Size and no of RWH tank(s) and Quantity:	NA				
	Location of the RWH tank(s):	NA				
	Quantity of recharge pits:	50 Nos. of recharge pits proposed				
	Size of recharge pits :	2 m. X 1 m. X 2 m.				
	Budgetary allocation (Capital cost) :	50,00,000/-				
34.Rain Water	Budgetary allocation (O & M cost) :	5,00,000/-				
Harvesting (RWH)	Details of UGT tanks if any :	For Sector R1: 1789 kld For Sector R2: 1400 kld For Sector R3: 1327 kld For Sector R4: 1327 kld For Sector R5A: 617 kld For Sector R5B: 500 kld For Sector R5B: 500 kld For Sector R6: 707 kld For Sector R7: 887 kld For Sector R7: 887 kld For Sector R9: 557 kld For Sector R9: 557 kld For Sector R10: 868 kld For Sector R10: 868 kld For Sector E1: 396 kld For Sector E1: 396 kld For Sector E2: 828 kld For Sector E2: 828 kld For Health care: 125 kld For School: 340 kld For fire station: 12 kld For fire tank: 500 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:	2,83,148 cum				
	Size of SWD:	1.5m dia pipe				
	Sewage generation in KLD:	6012				
	STP technology:	Engineered Wetland				
Sowago and	Capacity of STP (CMD):	6013				
Waste water	Location & area of the STP:	Sector wise STPs are provided, also ETP of 1 kld is provided for healthcare				
	Budgetary allocation (Capital cost):	Rs. 21,77,00,000 /-				
	Budgetary allocation (O & M cost):	Rs. 1,16,00,000/-				
	36.Solie	d waste Management				



Waste gen	eration in	Wast	e gen	eration:	Total waste waste (Kg/d	Total waste generated: 100 kg/day - Dry waste (Kg/day): 40 kg/day -Wet waste (Kg/day): 60 kg/day					
and Constr phase:		Dispo const debri	osal o tructi is:	f the on waste	The Constru segregated, recycling.	uction waste , reused on s	gener ite and	ated d d surp	luring con lus shall b	stru e le	iction shall be d to scrap dealers for
		Dry v	vaste:		11487 kg/d	ay					
		Wet	waste	:	14857 kg/d	ay					
Wasta ga	noration	Haza	lazardous waste:		NA						
in the operation		Biomedical waste (If applicable):		12 kg/day							
ST			Sludg je):	e (Dry	900 kg /day						
		Othe	rs if a	ny:	E-waste : 72	2 kg/day					6
		Dry v	vaste:		Dry waste w Non degrad enterprise f manure	vill be segreg lable waste v for waste col	gated i vill be lection	into re hande 1. Drie	cyclable a ed over to d sludge f	and 1 "Sw From	non-recyclable waste. vaCH" (Co-operative a STP will be used as
Mode of l	Disnosal	Wet	waste		Biodegrada Separate O	ble waste wi WCs are proj	ll be tr posed	reated for dif	in Organi ferent sec	ic W ctors	aste Converter. and amenities.
of waste:	Disposui	Haza	rdous	waste:	NA						
		Biom appli	edica cable	l waste (If ):	Will be han	ded over to a	uthori	ized bi	iomedical	was	te vendor
		STP Sludge (Dry sludge):		Dried sludge from STP will be used as manure.							
Others if				ny:	E-waste will be sent to Hi Tech Recycling Pvt. Ltd.						
Location(s):				):	Sector wise	OWCs will h	oe prov	vided			
Area for of waste materia			for th iste & rial:	e storage other	269 sqm						
		Area	for m	achinery:	1068 sqm						
Budgetary	allocation	Capit	tal cos	st:	Rs 4,21,00,	000/-					
(Capital co O&M cost)	st and :	0 & 1	M cos	t:	Rs 91,10,274/-						
			1	37.Ef	fluent Cl	harecter	estic	S			
Serial Number	Paran	neters		Unit	Inlet E Charect	ffluent cerestics	Ou Ch	utlet 1 narect	Effluent cerestics		Effluent discharge standards (MPCB)
1	Not apj	plicabl	е	Not applicable	Not apj	plicable	N	lot apj	plicable		Not applicable
Amount of e (CMD):	effluent gene	eration		0.8 kld							
Capacity of	the ETP:			1 KLD							
Amount of t recycled :	reated efflue	ent		0.7 kld							
Amount of v	vater send to	o the C	ETP:	Not applica	ble						
Membership	o of CETP (if	f requi	re):	Not applica	ble						
Note on ETI	P technology	v to be	used	Not applica	ble						
Disposal of	the ETP sluc	lge		Not applica	ble						
				<b>38.H</b> a	zardous	Waste D	etai	ls			
Serial Number	Descr	iption		Cat	UOM	Existing	Prop	osed	Total		Method of Disposal
K.S.Langote (Secretary SEAC-III)				o: 69 Meeting 2018	) Date: Augus	st 30,	Pag	e 113 f 120	lamo ligna lign ligna Li	e: Kare Amin D ature: Action Anil Kale (Chairman III)	

1	Not applicable		Not applical	Not applicable	Not applicable		Not applicable	Not applicable	Not applicable	
			39	.Stacks en	nissio	n De	etails			
Serial Number	Section	& units	Fuel C	l Used with Quantity	ed with htity Stack No		Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not ap	t applicable Not applic			No applic	ot cable	Not applicable	Not applicable	Not applicable	
40.Details of Fuel to be used										
Serial Number	Type of Fuel			Existing			Proposed		Total	
1	Not	applicable		Not applicab	le	N	lot applicabl	e	Not applicable	
41.Source of	of Fuel		Ν	ot applicable						
42.Mode of	Transportat	ion of fuel to	site N	ot applicable						
									Y	
		Total RG a	rea :	RG area +	City Gr	een: 8	31818.3 Sq n	n		
		No of trees	s to be c	Few of the protected	existing	g tree	s will be trar	nsplanted, ot	her trees will be	
43.Green Belt Number of be planted			f trees to l :	rees to 6070						
DevelopmentList of proposed native trees :Refer Be					w list					
Timeline for completion of plantation :Till operation phase										
44.Number and list of trees species to be planted in the ground										
Serial Number	Name of	me of the plant Common Name				Qua	ntity	tity Characteristics & ecological importance		
	Syzygium cumini Jam		Jambhul tree				A large size tree with dense foliage provides shade along roads, wood is water resistant and attracts a variety of birds.			
1	Syzygiu	m cumini	Jar	nbhul tree		21	15	A large size provides sl is water r va	e tree with dense foliage nade along roads, wood esistant and attracts a ariety of birds.	
1	Syzygiun Millingtoni	m cumini ia hortensis	Jar	nbhul tree an cork tree		21 41	15	A large size provides sl is water r Va A columnar well both	e tree with dense foliage nade along roads, wood esistant and attracts a ariety of birds. r, evergreen tree, grows dry and moist regions.	
1 2 3	Syzygiun Millingtoni Lagerstru regi	m cumini ia hortensis omia flos- neae	Jar India	nbhul tree an cork tree Tamhan		21 41 40	15 17 06	A large size provides sl is water r va A columnar well both State flow Medium purple flow dry a	e tree with dense foliage nade along roads, wood esistant and attracts a ariety of birds. c, evergreen tree, grows dry and moist regions. er tree of Maharashtra sized tree, beautiful vers, grows well in both nd humid climate.	
1 2 3 4	Syzygiun Millingtoni Lagerstry regi Pongami	m cumini la hortensis omia flos- neae a pinnata	Jar India	nbhul tree an cork tree Tamhan Karanj		21 41 40 28	15 17 06 36	A large size provides sl is water r va A columnar well both State flow Medium purple flow dry a Large tree erosion	e tree with dense foliage nade along roads, wood esistant and attracts a ariety of birds. c, evergreen tree, grows dry and moist regions. er tree of Maharashtra sized tree, beautiful vers, grows well in both nd humid climate. e good for stopping soil a along canal banks	
1 2 3 4 5	Syzygiun Millingtoni Lagerstry regi Pongami Azadiracl	m cumini ia hortensis omia flos- neae a pinnata hta indica	Jar	nbhul tree an cork tree Tamhan Karanj Neem		21 41 40 28 56	15 17 06 36 53	A large size provides sl is water r va A columnar well both State flow Medium purple flow dry a Large tree erosion A medium which stand Air Purif much large	e tree with dense foliage nade along roads, wood esistant and attracts a ariety of birds. c, evergreen tree, grows dry and moist regions. er tree of Maharashtra sized tree, beautiful vers, grows well in both nd humid climate. e good for stopping soil a along canal banks to large size hardy tree d in drought conditions. ying quality. Attain a ger size in dry regions.	
1 2 3 4 5 6	Syzygiun Millingtoni Lagerstry regi Pongami Azadiracl Cassia	m cumini la hortensis omia flos- neae a pinnata hta indica fistula	Jar India	nbhul tree an cork tree Tamhan Karanj Neem Bahava		21 41 40 28 56 40	15 17 06 36 53 00	A large size provides sl is water r va A columnar well both State flow Medium purple flow dry a Large tree erosion A medium which stand Air Purif much larg Small dec bright fl	e tree with dense foliage nade along roads, wood esistant and attracts a ariety of birds. c, evergreen tree, grows dry and moist regions. er tree of Maharashtra sized tree, beautiful vers, grows well in both and humid climate. e good for stopping soil a along canal banks to large size hardy tree d in drought conditions. ying quality. Attain a ger size in dry regions. iduous tree. Excellent owering tree for arid regions.	
1 2 3 4 5 6 7	Syzygiun Millingtoni Lagerstru regi Pongami Azadirach Cassia Ficus be	m cumini a hortensis omia flos- neae a pinnata hta indica fistula enjamina	Jar India	nbhul tree an cork tree Tamhan Karanj Neem Bahava eeping fig		21 41 40 28 56 40 26	1.5   1.7   06   36   53   00   52	A large size provides sl is water r va A columnar well both State flow Medium purple flow dry a Large tree erosion A medium which stan Air Purif much larg Small dec bright fl Medium siz elegant ap wat	e tree with dense foliage nade along roads, wood esistant and attracts a ariety of birds. T, evergreen tree, grows dry and moist regions. er tree of Maharashtra sized tree, beautiful vers, grows well in both nd humid climate. e good for stopping soil n along canal banks to large size hardy tree d in drought conditions. Ying quality. Attain a ger size in dry regions. ciduous tree. Excellent owering tree for arid regions. ed evergreen tree with pearance and moderate er requirement.	
1 2 3 4 5 6 7 8	Syzygiun Millingtoni Lagerstru regi Pongami Azadirach Cassia Ficus be Plumen	m cumini la hortensis omia flos- neae a pinnata hta indica fistula enjamina ria alba	Jar India	nbhul tree an cork tree Tamhan Karanj Neem Bahava eeping fig Champa		21 41 40 28 50 40 20 31	1.5   1.7   06   36   33   00   52   1.1	A large size provides sl is water r va A columnar well both State flow Medium purple flow dry a Large tree erosion A medium which stand Air Purif much larg Small dec bright fl Medium siz elegant apj wat Orname	e tree with dense foliage nade along roads, wood esistant and attracts a ariety of birds. c, evergreen tree, grows dry and moist regions. er tree of Maharashtra sized tree, beautiful vers, grows well in both nd humid climate. e good for stopping soil a along canal banks to large size hardy tree d in drought conditions. ying quality. Attain a ger size in dry regions. iduous tree. Excellent owering tree for arid regions. ed evergreen tree with pearance and moderate er requirement. ental flowering tree.	

K.S. Langets	
K.S.Langote (Secretary SEAC-III)	SI

Page 114 of 120 Name: Kare Ami D Signature: Acida Signatu

9	Michelia champaca	Sonchapha	38	30	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant.		
10	Polyathia longifolia	Ashoka	365		Large evergreen tree. Effective in decreasing noise pollution.		
11	Mangifera indica	Mango	21	.5	Large evergreen and fruit bearing tree		
12	Albizia lebeck	Shirish	28	32	Shady, large tree, ball shaped flowers		
13	Butea monosperma	Palas	31	.2	Small Deciduous. Good for roadside plantation.		
14	Psidium guajava	Guava, peru	21	.5	Small hardy and birds attracting tree.		
15	Jacaranda mimosifolia	Jacaranda	36	60	Medium size gracious deciduous, flowering tree which prefers moderate climate.		
16	Khaya senghalis	Khaya	407		Large roadside tree with white sweet scented flowers		
17	Spathodia campanulata	Pichkari	284		A handsome large deciduous flowering tree. Good for roadside plantation.		
18	Bauhinia purpurea	Rakta Kanchan	390		Small hardy tree with beautiful pink flowers.		
45	5.Total quantity of plants o	n ground					
46.Nun	nber and list of shru	bs and bushes	s species	to be pla	anted in the podium RG:		
Serial Number	Name	C/C Dista	ince		Area m2		
1	Raphis palm	0.60 m	n		200		
2	Allamanda yellow	0.45m	1		155		
3	Asparagus sprengeri	0.30m	1		140		
4	Ixora red	0.30 m	ı		100		
5	Rhoeo	0.23 m	ı		100		
6	Russelia red	0.30m	1		115		
7	Areca palm	0.60m	1		110		
8	Euphorbia carcassana	0.45m	1		70		
		47.EI	nergy				



		Source suppl	ce of power y :	Maharashtra State Electricity Distribution Company Limited (M.S.E.D.C.L.)					
		Durin Phase Load)	ng Construction e: (Demand	100KW					
		DG se back- const	et as Power up during ruction phase	125 kvA					
D		Durin phase load)	ng Operation e (Connected :	55563.71KV	V				
require	Power quirement: During Operation phase (Demand load):			26741.70 kvA					
		Trans	sformer:	630 kvA - 49	9 Nos.				
		DG se back- opera	et as Power up during ttion phase:	365KVA- 3N 1Nos. 250K	los. 20 VA- 51	00KVA- 1 Nos Jos.	s. 180KVA- 2	Nos. 160KVA- 1Nos. 140KVA-	
		Fuel	used:	Diesel					
Det ten thr		Detai tensio throu any:	ls of high on line passing gh the plot if	NA	NA				
		48	Energy savi	ng by nor	<b>1-CO</b>	nvention	al metho	od:	
Timers and contactors will be used to switch on / off common are & external landscape and facade lighting. Light Emitting Diode (LED) will be used for corridors, Lobbies and common areas. All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro magnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also improves life of the fluorescent lamps. Energy efficient cfl/t5/led lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs. LPD of 7.5 W/sq.mtr. in Residential areas & 10 W/sq.mtr. in Office areas is proposed. All cables will be derated to avoid heating during use. This also indirectly reduces losses and improves reliability. To achieve the same we have considered current carrying capacity of all the cables laid through ground/air whichever is minimum. 125 Ltrs Solar water is provided for each flat. Solar PV panel system is proposed for Street lighting & Building common lighting						facade lighting. watt-loss compared to electro- . Electronic chokes also its consumed and therefore tr. in Residential areas & 10.8 d improves reliability. To h ground/air whichever is			
			49.Detail	calculati	ons	& % of sa	aving:		
Serial Number	E	nergy	Conservation M	easures			Sa	aving %	
1	Total Ene savi	ergy Sa ng due	ving : i.e. ( 27 % S to solar :i.e. ( 82 9	Savings) Ener % Savings)	гду	Total Ene savii	ergy Saving : ng due to sol	i.e. ( 27 % Savings) Energy lar :i.e. ( 82 % Savings)	
	CY		50.Details	of polluti	on c	control S	ystems		
Source	Ex	isting	pollution contro	l system			Proposed	to be installed	
Not applicable			Not applicable				Not	applicable	
Budgetary	allocation	Capit	al cost:	13300000					
O&M	cost):	0 & N	A cost:	668000					
51	.Envire	onm	ental Mar	nageme	nt	plan Bu	ıdgetaı	ry Allocation	
			a) Construe	ction pha	se (v	with Bre	ak-up):		
Serial Number	Attri	butes	Para	meter		Total Cost per annum (Rs. In Lacs)			
K.S.Langote (Secretary SEAC-III)				r: 69 Meeting Date: August 30, 2018 Page 116 of 120 Name: Kare Arrin D Signature: August 30, Shri. Anil Kale (Chairman SEAC-III)					

1	Air En	Air Environment Erosion control – dust suppression measures, barricading and top soil preservation			38044695						
2	I	Land	Labour Car sanit	Labour Camp toilets & sanitation		4400000					
3	Health	and Safety	Health cl Disinf	Health checkup & Disinfection					306000	)	
4	Envi Man	ronment agement	Enviro managei	onment ment cel	1				300000	)	
5	Envir Moi	onmental nitoring	Enviror Monit	nmental toring					275000	)	
		]	b) Operat	ion P	has	e (wi	th Breal	k-up	):	C	
Serial Number	Serial NumberComponentDescriptionCapital cost Rs. In LacsOperational and M cost (Rs. in L		Maintenance Lacs/yr)								
1	Sewage I	e Treatment Plant	S	ГР		21	L,77,00,000/	/_		1,16,00,0	000/-
2	Soli Man	d Waste agement	10	OWC		4	4,21,00,000/-		91,10,274/-		
3	Land	lscaping	Developi Mainte	Development and Maintenance		2,95,15,825/-		23,61,266/-			
4	Rain Wate	er Harvesting	g Rain Water	Rain Water Harvesting		50,00,000/-			5,00,00	00/-	
5	Energ	yy Saving	Solar P	Solar PV panels		1	133,00,000/-			6,68,00	00/-
6	Envir Moi	onmental nitoring	Enviror Monit	nmental toring					11,50,0	00/-	
51.S	torag	e of ch	emicals	(infl sub	lan sta	nabl ance	e/explo es)	osiv	/haz	zardou	s/toxic
Descri	ption	Status	Locatio	Location Sto Cap in		orage pacity 1 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	] app	Not licable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her	r Info	rmation	1			
No Informa	tion Availa	ble									
			53.	Traffi	c N	Iana	gement				
	2	Nos. of the to the ma design of confluen	ne junction nin road & ce:	Propos from w will be	ed si est s prop	ite is lo side. Fo bosed.	cated at Ma r internal tr	njri. S affic r	ite is acco novement	essible from : 6m, 9m wi	a 30 m road de driveway



	1					
	Number and area of basement:	101107.64 sqm				
	Number and area of podia:	116434.69 sqm				
	Total Parking area:	283803.52 sqm				
	Area per car:	12.5 sqm				
	Area per car:	12.5 sgm				
	Number of 2-	A				
Parking details:	Wheelers as approved by competent authority:	10860				
	Number of 4- Wheelers as approved by competent authority:	11938				
	Public Transport:	Buses are propsoed				
	Width of all Internal roads (m):	9m-24m				
	CRZ/ RRZ clearance obtain, if any:	NA				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA				
	Category as per schedule of EIA Notification sheet	8(b) Township and Area Development Projects				
	Court cases pending if any	NA				
	Other Relevant Informations	Proposed project is Integrated Township at Manjri				
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS				
5	Summorised i	n brief information of Project as below.				
	Brief informa	tion of the project by SEAC				
Environment Clearance for Environment Clearance for Proposed Integrated Township at Gat No. 124, 125,127 to 132, 137 to 142, 144 to 153, 155 to 160, 162 to 164, 166 ,167 ,169,170, 194 at Manjri Khurd, Haveli Taluka,Pune by Ashdan Developers Private Ltd.						

## **DECISION OF SEAC**

K.S. Langets			Name: Kart Amin D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 69 Meeting Date: August 30,	Page 118	Shri. Anil Kale (Chairman
SEAC-III)	2018	of 120	SEAC-III)

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

## **Specific Conditions by SEAC:**

1) PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.

2) PP to details of commercial area in consolidated statement.

3) PP to submit condition wise compliance report of earlier EC conditions.

4) PP to submit architect certificate of work initiated on site as per earlier EC.

5) PP to submit comparative statement of components approved and components constructed as per earlier EC and proposed development.
6) PP to submit 6 monthly compliance report of earlier EC validated by Regional Office, MOEF&CC, Nagpur, as per MoEF & CC Circular dated 07.09.2017.

7) PP to include separate chapter on Renewable energy in EIA report. PP to submit terrace plan for installing solar panels& calculations of energy saving; PP to submit energy modelling with write-up support to this.

8) PP to include carbon footprint estimations for operation & construction phase in EIA report.

**9)** PP to carry out Traffic Impact Study in detail including, a. Traffic Management Plan for the development – Internal circulation with road width should be revised with showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places showing clear road width 6 meter , 1.5 meter distance left from building line, spaces left for plantation, footpath, service lines etc b. Traffic Volume Counts and Turning Movement Counts on all the external surrounding roads of the proposed project showing the time period taken & revise table to be submitted. c. Topographic details of roads and intersection of the surrounding roads where counts are taken, actual geometry on ground to be shown with dimensions.. d. Traffic generation values of similar development to be given by actual count by actual count as support data for assumption made to the particular project. e. PP to revise parking table mentioning parking as per DCR & parking provided actually. f. PP to submit drawing& sketches showing junction larger scale with geometry & showing traffic counts in detail and volume diagram.

**10)** PP to submit site specific executable and auditable EMP along with implementation plan and environmental management cell provision for construction and operation phase in EIA.

**11)** PP to submit Fire Tender Movement Plan showing clear road width of 6 meters and turning radius of 9 meters; PP to submit cross section of roads at four places including UGT, OWC and DG set location showing clear road width 6 meter, 1.5 meter distance left from building line & spaces left for plantation, parking, service lines, foot paths, etc.

12) PP to submit parking layout plan for all the floors showing slope and width of the ramps.

**13)** PP to submit cross section of all buildings.

**14)** PP to submit parking area statement as per DCR.

**15)** PP to submit cross section of basement showing width and slope of ramp.

**16)** PP to submit details of basement parking.

17) PP proposes 2 Nos. of basements in each building; PP to submit its design with ventilation details; PP to submit contingency plan of basement as well as details of dewatering in basements.

18) PP to prepare consolidated report on traffic and vehicular pollution as a single chapter in EIA.

**19)** PP to carry out fugitive dust monitoring by using local meteorological data.

**20)** 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.

21) PP to submit detail debris management plan; PP should not remove the debris haphazardly & dump it on road side.

22) PP to submit disaster management plan.

**23)** PP to submit socio-economic infrastructure details including public transport arrangements on the site; PP to mention details of socioeconomic in EIA.PP to correct socio-economic infrastructure details Consolidate Statement as per earlier EC.

**24)** 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.

**25)** PP to submit phase wise development plan considering wind rose diagram.

26) PP to obtain and submit following NOC's: a) CFO NOC, b) Water supply NOC with quantity, c) Drainage NOC, d) Non-biodegradable waste disposal.

27) PP to submit affidavit mentioning no occupancy will be given till sustained water supply to the project.

28) PP to submit design details of water treatment plant; PP to submit details of reject of WTP; PP to submit commitment to achieve ISO 10500.

**29)** PP to submit internal storm water drain and sewer line arrangements up to final disposal point.

**30)** 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

**31)** PP to submit details hydro geological survey report with graphs & data.

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

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

34) PP to submit layout showing natural water courses on site; PP to submit total runoff calculation before and after development.

35) PP to carry out gate mass balance analysis for environmental parameters related to solid/liquid waste material coming to site, waste generated and its treatment and disposal from site.

**36)** PP to explore possibility to install air monitoring station on site during construction as well as operation phase for ambient air quality monitoring.

37) PP to submit undertaking to provide DG set backup to all Pollution Control Devices, Water Supply, Emergency Services including emergency lifts, etc.

**38)** 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.

**39)** PP to include condition of "maintenance of all Pollution Control Equipment's and functioning of Environment Monitoring Cell in their MoU with society.



## 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.

SHACHERINA

