SEAC Meeting number: 75 Meeting Date November 1, 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					
3.Name of Project Proponent	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					
Approvarivamber	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 Darith and Area (FCL S	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					
	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					

Joy S. Thakur			Name: Kare Anii D
Joy S Thakur (Secretary	SEAC Maating No: 75 Maating Data: November	Page 1 of	Signature:
SEAC-III)	1, 2018	1 uge 1 0j 55	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	69						
2	Sector R	1- Tower T10,T11,T12	Stilt+Podium+22 floors	72					
3	Sect T	cor 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	4- 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	ealthcare 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	iding visitors: 18,761 Persons Total					
24.Number expected r users	r of esidents /	Residential tenants : 43, population: 62,076	,315 Persons; Commercial users inclu	ding visitors: 18,761 Persons Total					
25.Tenant per hectar	density e	216 Tenement/hectare;	1082 Tenants/hectare						
26.Height building(s	of the)								
27.Right o (Width of f from the n station to proposed l	f way the road earest fire the building(s)	30 m wide road from the station. Nearest Fire Sta	e nearest fire station to the project. N ation Distance : 5 Km Also fire station	learest fire station: Amanora fire a is proposed in the project itself					

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 2 of 55	Name: Kare Api D Signature: Journan Shri. Anil Kale (Chairman SEAC-III)
---	---	-----------------	--

28.Turning for easy ac fire tender movement around the excluding for the plat	y radius cess of from all building the width ntation	For easy ac	cess of fire t	ender 9m tu	rning radius will be provid	led.				
29.Existing structure (J s) if any	Buildings of	f Sector R1 a	and R2 are u	nder construction					
30.Details demolition disposal (I applicable)	of the with f	NA	NA							
			31.P	Product	tion Details	0				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not apj	plicable	licable Not ap		Not applicable	Not applicable				
		3	2.Tota	l Wate	r Requirement	t S				
		Source of	water	Irrigation Department, Govt of Mahatrashtra						
		Fresh water (CMD):		4360 for res.+ 119 for car washing						
		Recycled water - Flushing (CMD):		2320	2320					
		Recycled water - Gardening (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 treated	ated water	2977						
	Si									

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 3 of 55	Name: Kare April D Signature: Journan Shri. Anil Kale (Chairman SEAC-III)
---	---	-----------------	--

		Source of	water	Irrigation D)epartment, (Govt of Maha	atrashtra					
		Fresh wate	er (CMD):	4360 for re	s.+ 119 for c	ar washing						
	Vet season: Details of Swimming bool (If any) Particula Cons	Recycled w Flushing (vater - CMD):	2320								
		Recycled w Gardening	vater - (CMD):	00								
		Swimming make up (pool Cum):	13								
Wet seaso	n:	Total Wate Requireme :	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 require 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	dl					
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			

SEL



	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.				
34.Rain Water Harvesting (RWH)	Budgetary allocation (Capital cost) :	50,00,000/-				
	Budgetary allocation (O & M cost) :	5,00,000/-				
	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 R8: 936 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				
Sowogo 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:	ration:Total waste generated: 100 kg/day - Dry waste (Kg/day): 40 kg/ waste (Kg/day): 60 kg/day					(Kg/day): 40 kg/day -We	et	
and Constr phase:	nstruction	Dispo const debri	osal o tructi is:	f the on waste	The Constru segregated, recycling.	The Construction waste generated during construction shall be egregated, reused on site and surplus shall be led to scrap dealers for recycling.						
		Dry v	vaste:		11487 kg/d	ay						
		Wet	Wet waste:		14857 kg/d	ay						
XA 7 -		Haza	Hazardous waste:		NA							
in the op	eration	Biom appli	edica cable	l waste (If):	12 kg/day							
1 11050.		STP sludg	Sludg je):	e (Dry	900 kg /day							
		Othe	rs if a	ny:	E-waste : 72	2 kg/day				0		
Dry waste			vaste:		Dry waste w Non degrad enterprise f manure	Dry waste will be segregated into recyclable and non-recy Non degradable waste will be handed over to "SwaCH" ((enterprise for waste collection. Dried sludge from STP wi manure			nd non-recyclable waste 'SwaCH" (Co-operative 'om STP will be used as).		
Mode of Disposal		Wet	waste	:	Biodegrada Separate O	ble waste wi WCs are proj	ll be tr posed	reated for dif	in Organi ferent sec	c Waste Converter. tors and amenities.		
of waste:	Disposui	Haza	rdous	waste:	NA							
		Biomedical waste (If applicable):		Will be han	ded over to a	uthori	ized bi	iomedical	waste vendor			
		STP Sludge (Dry sludge):		Dried sludge from STP will be used as manure.								
		Othe	rs if a	ny:	E-waste will be sent to Hi Tech Recycling Pvt. Ltd.							
Location(s):	: Sector wise OWCs will be provided							
Area requirem	ent:	Area of wa mate	for th ste & 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 91.10.27	'4/-						
				37.Ef	fluent Cl	harecter	estic	S				
Serial Number	Paran	neters		Unit	Inlet EffluentOutlet EffluentCharecteresticsCharecterestics			Effluent discharge standards (MPCB	e 5)			
1	Not apj	plicabl	е	Not applicable	Not apj	ot applicable Not applicable Not applic				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	able							
Membershij	o of CETP (if	f requi	re):	Not applica	able							
Note on ET	? technology	v to be	used	Not applica	ble							
Disposal of	the ETP sluc	lge		Not applica	ble							
				38.Ha	zardous	Waste D	etai	ls				
Serial Number	Descr	iption		Cat	UOM	Existing	Prop	osed	Total	Method of Disposa	al	
Joy S. Thakur Joy S. Thakur SEAC Meeting No SEAC-III)					o: 75 Meeting 1, 2018	j Date: Novei	nber	Page	e 6 of 55 SE	ame: Kare Amin D gnature: Amin D ri. Anil Kale (Chairman AC-III)		

1	Not ap	Not applicableNot applicableNot applicableNot applicable		Not applicable	Not applicable	Not applicable				
			3	9.St	acks em	issio	n D	etails	•	
Serial Number	Section	& units	Fu	el Us Quai	ed with ntity	Stack	x No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not ap	plicable Not app			plicable	Ne applie	ot cable	Not applicable	Not applicable	Not applicable
			40).De	tails of F	uel †	to be	e used		
Serial Number	Тур	oe of Fuel			Existing			Proposed		Total
1	Not	applicable		N	Not applicabl	е	Ν	Not applicabl	e	Not applicable
41.Source of	of Fuel			Not a	pplicable					
42.Mode of	Transportat	tion of fuel to	site	Not a	pplicable					
										Y
		Total RG a	rea :		RG area +	City Gr	reen: 8	31818.3 Sq n	n	
	No of tre :			cut	Few of the protected	existin	g tree	s will be trai	nsplanted, o	ther trees will be
43.Green Belt Development List of pronative tre		Number of be planted	trees to 6070							
		List of pro native tree	posed es :	sed Refer Below list						
		Timeline f completion plantation	or n of :	r of Till operation phase						
	44.Nu	mber and	d list	of t	rees spe	cies	to b	e plante	d in the	ground
Serial Number	Name of	the plant	Со	mmo	n Name		Qua	ntity	Charact	eristics & ecological importance
1	Syzygiui	m cumini	C	Jambhul tree 215			15	A large siz provides s is water r v	e tree with dense foliage hade along roads, wood resistant and attracts a ariety of birds.	
2	Millingtoni	ia hortensis	Inc	dian c	ork tree		41	17	A columna well both	r, evergreen tree, grows dry and moist regions.
3	Lagerstromia flos- regineae		Lagerstromia flos- regineae T		Tamhan 406		06	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers, grows well in both dry and humid climate.		
4	Pongami	a pinnata		Kar	ranj		28	36	Large tree good for stopping soil erosion along canal banks	
5	Azadirac	Azadirachta indica Ne			em	563			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	Cassia fistula Bah			ava	400			Small deciduous tree. Excellent bright flowering tree for arid regions.	
7	Ficus be	enjamina	7	Weepi	ing fig	262			Medium si elegant ap wa	zed evergreen tree with pearance and moderate ter requirement.
8	Plumer	ria alba		Cha	mpa		31	11	Ornam	ental flowering tree.
Joys	:. Thakur	r							Nai	ne: Kare Ani) D

Thatan	
Joy S.Thakur (Secretary SEAC-III)	

Mame: Kale April D Signature: Science April D Shri. Anil Kale (Chairman

9	Michelia champaca	Sonchapha	38	30	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant.	
10	Polyathia longifolia	Ashoka	36	55	Large evergreen tree. Effective in decreasing noise pollution.	
11	Mangifera indica	Mango	21	15	Large evergreen and fruit bearing tree	
12	Albizia lebeck	Shirish	28	32	Shady, large tree, ball shaped flowers	
13	Butea monosperma	Palas	31	12	Small Deciduous. Good for roadside plantation.	
14	Psidium guajava	Guava, peru	21	15	Small hardy and birds attracting tree.	
15	Jacaranda mimosifolia	Jacaranda	36	50	Medium size gracious deciduous, flowering tree which prefers moderate climate.	
16	Khaya senghalis	Khaya	Khaya 407		Large roadside tree with white sweet scented flowers	
17	Spathodia campanulata	Pichkari	Pichkari 284		A handsome large deciduous flowering tree. Good for roadside plantation.	
18	Bauhinia purpurea	Rakta Kanchan	39	90	Small hardy tree with beautiful pink flowers.	
45	5.Total quantity of plan	ts on ground				
46.Nun	nber and list of sh	rubs and bus	hes species	to be pl	anted in the podium RG:	
Serial Number	Name	C/C D	Distance		Area m2	
1	Raphis palm	0.	60 m		200	
2	Allamanda yellow	0.	45m		155	
3	Asparagus sprenger	i 0.	30m		140	
4	Ixora red	0.	30 m		100	
5	Rhoeo	0.	23 m		100	
6	Russelia red	0.	30m		115	
7	Areca palm	0.	60m		110	
8	Euphorbia carcassan	â 0.	45m		70	
		47	.Energy			
	SL					

Joy S. Thakur			Name: Kare Anii D
Chalan			Signature: Ach-
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 8 of	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	55	SEAC-III)

		Source suppl	ce of power ly :	Maharasht (M.S.E.D.C	ra Stat .L.)	e Electricity	Distribution	Company Limited		
		Durin Phase Load	ng Construction e: (Demand)	100KW						
	DG set as Power back-up during construction phase				125 kvA					
D		Durin phase load)	ng Operation e (Connected :	55563.71KW						
require	ver ement:	er ment: During Operation phase (Demand load):		26741.70 k	26741.70 kvA					
		Trans	sformer:	630 kvA - 4	9 Nos.					
		DG se back- opera	et as Power -up during ation phase:	365KVA- 31 1Nos. 250k	Nos. 20 TVA- 51)0KVA- 1 No Nos.	s. 180KVA- 2	Nos. 160KVA- 1Nos. 140KVA-		
		Fuel	used:	Diesel						
	Details of high tension line passing through the plot if any:		ils of high on line passing ıgh the plot if	NA			1 00			
		48	.Energy savi	ng by no	n-co	nvention	al metho	od:		
Light Emitti All fluoresco magnetic ch improves lif Energy effic require less W/sq.mtr. ir All cables w achieve the minimum. 125 Ltrs So Solar PV pa	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- nagnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also mproves 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 & 10.8 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.							watt-loss compared to electro- . Electronic chokes also .ts consumed and therefore tr. in Residential areas & 10.8 d improves reliability. To h ground/air whichever is		
			49.Detail	calculati	ions	& % of s	aving:			
Serial Number	E	nergy	Conservation Me	easures		Saving %				
1	Total Ene savi	ergy Sa ng due	to solar :i.e. (27 % S	Savings) Ene % Savings)	rgy	Total Ene savii	ergy Saving : ng due to sol	i.e. (27 % Savings) Energy lar :i.e. (82 % Savings)		
	GY		50.Details	or pollut	10n (control S	ystems			
Source	Ex	isting	pollution contro	l system			Proposed	to be installed		
Not applicable			Not applicable				Not	applicable		
Budgetary (Capital	allocation cost and	Capit	al cost:	13300000						
0&M	cost):	0&1	M cost:	668000						
51	.Enviro	onm	ental Mar	nageme	ent j	plan Bı	udgeta	ry Allocation		
			a) Construc	ction pha	ase (with Bre	ak-up):			
Serial Number	Attri	butes	Parar	neter		Total (Cost per an	num (Rs. In Lacs)		
Joy S.Thaku SEAC-III)	alur (Secretary		SEAC Meeting No	p: 75 Meeting Date: November 1, 2018 Page 9 of Signature: Arni Chairman SEAC-III)				Name: Kare Amir D Signature: Journal Shri. Anil Kale (Chairman SEAC-III)		

1	Air En	vironment	Erosion co suppression barricadin soil pres	ntrol – d n measur ng and to servation	ust res, op	38044695					
2	Ι	Land	Labour Car sanit	np toilet ation	s &	4400000					
3	Health	and Safety	Health cl Disinf	heckup & ection	х х	306000					
4	Envi: Mana	ronment agement	Enviro manager	Environment management cell					300000)	
5	Envir Mor	onmental nitoring	Enviror Moni	nmental toring					275000)	
			b) Operat	ion Pl	nas	e (wi	th Breal	k-up):		
Serial Number	Com	ponent	Descr	iption		Capi	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Sewage F	e Treatment Plant	STP			22	1,77,00,000/	/_		1,16,00,0	000/-
2	Solio Mana	d Waste agement	10	OWC		4	,21,00,000/-			91,10,274/-	
3	Land	lscaping	Develop Mainte	ment and enance	ł	2,95,15,825/-		23,61,266/-			
4	Rain Wate	er Harvestin	g Rain Water	Harvest	ing	50,00,000/-		5,00,000/-			
5	Energ	yy Saving	Solar P	V panels		133,00,000/-		6,68,000/-			
6	Envir Mor	onmental nitoring	Enviroi Moni	nmental toring					11,50,0	00/-	
51.S	torag	e of ch	emicals	(infl sub	an sta	iabl ince	e/explo es)	osiv	/haz	zardou	s/toxic
Descri	ption	Status	Locatio	п	Sto Caj in	orage pacity MT	orage Dacity MT MT MT MT MT MT MT MT MT M MT M		umption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	able	l app	Not licable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her	Info	ormation	1			
No Informa	tion Availa	ble									
	C		53.	Traffi	c M	Iana	gement				
	2	Nos. of the to the ma design of confluen	he junction ain road & ce:	Propose from w will be	ed si est s prop	te is lo ide. Fo osed.	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



	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 sqm				
Parking details:	Number of 2- 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 information of the project by SEAC					

PP submitted their application for amendment in earlier Environmental clearance for total plot area of 4,04,497.00 m2, Total BUA of 1327527.9 m2 and FSI area of 687645 m2.

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

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 11 of 55	Name: K are A mit D Signature: Shri. Anil Kale (Chairman SEAC-III)
---	---	------------------	---

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 obtain specific NOC from adjoining plot owners to lay storm water drainage line up to the final disposal point, i.e. River.

2) PP to submit plan of SWD & sewer line connectivity up to final disposal point with chamber, invert level details.

3) PP to submit hydrogeological report along with RWH details.

4) PP to calculate V/C ratio for all the internal and external road and present in tabular form.

5) PP to submit parking level plan for each floor of typical building showing the width of ramp and slope should not be less than 1:10.

6) PP to submit revised parking plan including basements.

7) PP to submit basement plan approved by PMRDA.

8) PP to submit cross section of 14 floor, 22 floor and typical other building including basement.

9) PP to submit details of ventilation for small buildings.

10) PP to submit detailed parking statement – sector wise as well as for total township. The minimum area per car should be as per MoEF&CC guidelines.

11) PP to submit revised EMP including cost required to lay sewer line up to final disposal point.

FINAL RECOMMENDATION

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



SEAC Meeting number: 75 Meeting Date November 1, 2018

Subject: Environment Clearance for Application for Environmental Clearance for proposed Residential & Commercial project at Charholi Budruk, Pune

Is a Violation Case: No				
1.Name of Project	Residential & Commercial project by M/s. Xrbia Mirth Properties LLP			
2.Type of institution	Private			
3.Name of Project Proponent	Mr.Veer Bharati Kouls- Xrbia Mirth Properties LLP			
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd., Thane, Maharashtra			
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. 309/1 & 309/2			
9.Taluka	Haveli			
10.Village	Charholi Budruk			
Correspondence Name:	Xrbia Mirth Properties LLP			
Room Number:	929			
Floor:	1st floor			
Building Name:	Mantri House			
Road/Street Name:	FC road			
Locality:	Pune			
City:	Pune			
11.Area of the project	Pimpri Chinchwad Municipal Corporation			
12 IOD/IOA/Concession/Plan	IOD			
Approval Number	IOD/IOA/Concession/Plan Approval Number: Kra. BP/Paryavaran/Charholi/01/2017			
	Approved Built-up Area: 119241			
13.Note on the initiated work (If applicable)	Not Applicable as project is new construction.			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Included in IOD			
15.Total Plot Area (sq. m.)	48,460 m2			
16.Deductions	12,085 m2			
17.Net Plot area	36,375 m2			
	a) FSI area (sq. m.): 82,285 m2			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 42,318 m2			
	c) Total BUA area (sq. m.): 124603			
	Approved FSI area (sq. m.):			
DCR	Approved Non FSI area (sq. m.):			
	Date of Approval:			
19.Total ground coverage (m2)	9,236 m2			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25 % of total net plot area			
21.Estimated cost of the project	189200000			
	have of herilding of the configuration			

22.Number of buildings & its configuration

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 13 of 55	Name: Kare Ami D Signature: Accolor Shri. Anil Kale (Chairman SEAC-III)
---	---	------------------	--

Serial number	Buildin	g Name & number	Nu	mber of floors	Height of the building (Mtrs)		
1		Building A1		P + 12	38.67		
2		Building A2		P + 12	38.67		
3		Building B1		P + 12	38.67		
4		Building B2		P + 12	38.67		
5		Building B3		P + 12	38.67		
6		Building B4		P + 12	38.67		
7	Building C1			P + 12	38.67		
8		Building C2		P + 12	38.67		
9		Building C3		P + 12	38.67		
10		Building C4		P + 12	38.67		
11		Building C5		P + 12	38.67		
12	Build	ling D1 (MHADA)		P + 12	38.67		
13	Commerc	cial Building (Amenity Area)		B+G+2	12.60		
23.Number tenants an	r of d shops	Tenements-2,800 nos. a	and Shops - 8	7 nos.	0		
24.Number expected r users	r of esidents /	Residential- 14,000 nos	. & Shops- 26	51 nos.			
25.Tenant per hectar	density e	577 /Ha					
26.Height building(s)	of the						
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	6 m	(I)				
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					
29.Existing structure	J (s) if any	NA					
30.Details demolition disposal (I applicable	of the with f	NA					
		31.1	Product	ion Details			
Serial Number	Pro	duct Existing	J (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not apj	plicable Not ap	plicable	Not applicable	Not applicable		
		32.Tota	l Wate	r Requiremer	nt		

Joy S. Thakur Jay S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 14 of 55	Name: Kare Ami D Signature: Jacoba Shri. Anil Kale (Chairman SEAC-III)
---	---	------------------	---

		Source of	water	Pimpri Chir	nchwad Mun	icipal corpor	ation			
		Fresh wate	er (CMD):	1265 m3/da	ıy					
		Recycled w Flushing (vater - CMD):	637 m3/day	,					
		Recycled w Gardening	vater - (CMD):	23 m3/day						
Swimming pool make up (Cum):		NA								
Dry season: Requirement (CMD)		1902 m3/da	ly							
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	600 m3				9		
		Fire fightin Overhead tank(CMD)	ng - water):	240 m3				5		
		Excess trea	ated water	794 m3/day	,					
		Source of	water	Pimpri Chir	ichwad Mun	icipal corpor	ation			
		Fresh wate	er (CMD):	1265 m3/da	ıy					
		Recycled w Flushing (vater - CMD):	637 m3/day	,					
		Recycled w Gardening	vater - (CMD):	12 m3/day						
		Swimming make up (pool Cum):	NA						
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	1902 m3/day						
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	600 m3						
		Fire fightin Overhead tank(CMD	ng - water):	240 m3						
		Excess trea	ated water	805 m3/day						
Details of pool (If an	Swimming y)	NA	•							
		3	3.Detail	s of Tota	l water o	onsume	d			
Particula rs	Cons	sumption (C	CMD)		Loss (CMD))	Ef	fluent (CM	D)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

	Level of the Ground water table:	Summer Season - 21.50 m. to 26.25 m. BGL. (23.88 M. Average) ; Rainy Season - 9.25 m. to 15.50 BGL. (12.38 M. Average) ; Winter Season - 15.38 m. to 20.88 m. BGL. (18.13 M. Average)			
	Size and no of RWH tank(s) and Quantity:	NA			
	Location of the RWH tank(s):	NA			
34.Rain Water Harvesting	Quantity of recharge pits:	21 nos.			
(RWH)	Size of recharge pits :	2.0 m. X 2.0 m. X 2.0 m Depth			
	Budgetary allocation (Capital cost) :	Rs. 19.00 Lakh			
	Budgetary allocation (O & M cost) :	Rs. 1.25 Lakh/year			
	Details of UGT tanks if any :	Domestic: 1,832 m3 Flushing: 920 m3 Fire: 600 m3			
25 Storm water	Natural water drainage pattern:	Along with road side nalla			
35.Storm water drainage	Quantity of storm water:	47.18 m3/ min.			
	Size of SWD:	300 mm			
	Sewage generation in KLD:	1,616 m3/day			
	Sewage generation in KLD: STP technology:	1,616 m3/day MBBR			
Sewage and	Sewage generation in KLD: STP technology: Capacity of STP (CMD):	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day			
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP:	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2			
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost):	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh			
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost):	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh Rs. 4.00 Lakh/year			
Sewage and Waste water	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solid	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh Rs. 4.00 Lakh/year d waste Management			
Sewage and Waste water Waste generation in	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solic Waste generation:	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh Rs. 4.00 Lakh/year d waste Management 13,854.30 m3			
Sewage and Waste water Waste generation in the Pre Construction and Construction phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solic Waste generation: Disposal of the construction waste debris:	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh Rs. 4.00 Lakh/year d waste Management 13,854.30 m3 Will be used for levelling & backfilling work at site			
Sewage and Waste water Waste generation in the Pre Construction and Construction phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solic Waste generation: Disposal of the construction waste debris: Dry waste:	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh Rs. 4.00 Lakh/year d waste Management 13,854.30 m3 Will be used for levelling & backfilling work at site 1935 kg/day			
Sewage and Waste water Waste generation in the Pre Construction and Construction phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solic Waste generation: Disposal of the construction waste debris: Dry waste: Wet waste:	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh Rs. 4.00 Lakh/year d waste Management 13,854.30 m3 Will be used for levelling & backfilling work at site 1935 kg/day 4430 kg/day			
Sewage and Waste water Waste generation in the Pre Construction and Construction phase: Waste generation	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solid Waste generation: Disposal of the construction waste debris: Dry waste: Hazardous waste:	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh Rs. 4.00 Lakh/year d waste Management 13,854.30 m3 Will be used for levelling & backfilling work at site 1935 kg/day 4430 kg/day NA			
Sewage and Waste water Waste generation in the Pre Construction and Construction phase: Waste generation in the operation Phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Soli Waste generation: Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable):	1,616 m3/day MBBR 1 no. x 1,517 m3/day ; 1 no. x 180 m3/day STP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2 Rs. 72.00 Lakh Rs. 4.00 Lakh/year d waste Management 13,854.30 m3 Will be used for levelling & backfilling work at site 1935 kg/day 4430 kg/day NA NA			
Sewage and Waste water Waste generation in the Pre Construction and Construction phase: Waste generation in the operation Phase:	Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost): 36.Solic Waste generation: Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable): STP Sludge (Dry sludge):	1,616 m3/dayMBBR1 no. x 1,517 m3/day ; 1 no. x 180 m3/daySTP 1: 1,517 m3/day is west side of the project with area 1,023 m2 and STP 2: 180 m3/day is near to commercial building with area 190 m2Rs. 72.00 LakhRs. 4.00 Lakh/year d waste Management 13,854.30 m3Will be used for levelling & backfilling work at site1935 kg/day4430 kg/dayNANA15 kg/day			

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 16 of 55	Name: Kare Amir D Signature: Jacobs Shri. Anil Kale (Chairman SEAC-III)
---	---	------------------	--

		Dry wa	ste:		Handed over to authorized recycler for further handling and process							
		Wet wa	aste:		Through Or gardening a	rganic W and land	Vaste lscap	Conve ing	ertor. (Genera	ated m	anure will be used for
Mode of I	Disposal	Hazard	lous was	te:	NA							
of waste:	Disposai	Biomeo applica	dical was able):	te (If	NA							
		STP Slu sludge)	udge (Dr):	у	Will be use	Will be used as manure for gardening purpose						
Others if any:			NA									
		Location(s):			South west	side of	the p	roject				
Area requirem	ent:	ent: Area for the storage of waste & other material:		150 m2								
		Area fo	or machi	nery:	9 m2							
Budgetary	allocation	Capital	l cost:		Rs. 28 Lakhs							
O&M cost)	st and	0 & M	cost:		Rs. 4 lakhs/	/year						
				37. Ef	fluent C	luent Charecterestics						
Serial Number	Parameters		U	nit	Inlet E Charect	Effluent terestic	; ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	Ou Ch	utlet 1 arect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	applicable Not applicable		Not ap	plicable		N	lot apj	plicabl	е	Not applicable	
Amount of effluent generation Not applica			ble									
Capacity of the ETP: Not app			applica	ble								
Amount of treated effluent Not applica			lble									
Amount of water send to the CETP: Not application			applica	lble								
Membershij	o of CETP (if	f require)): Not	applica	ible							
Note on ET	P technology	v to be us	sed Not	applica	ble							
Disposal of	the ETP sluc	lge	Not	applica	ble							
			3	8.Ha	zardous	Wast	te D	etai	ls			
Serial Number	Descr	iption		Cat	UOM	Existi	ing	Prop	osed	То	tal	Method of Disposal
1	Not app	plicable	l appl	lot icable	Not applicable	Not Not Not Not applicable applicable applicable			ot cable	ot Not applicable		
				39.St	tacks em	issio	n De	etail	5			
Serial Number	Section	& units	F	uel Us Qua	ed with ntity	Stack	No.	Hei fro grou level	ght m und (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1	Not apj	plicable		Not apj	plicable	No ^r applica	t able	N appli	ot cable	N appli	ot cable	Not applicable
			4	0.De	tails of H	Fuel t	o be	e use	ed			
Serial Number	Тур	e of Fue	el		Existing			Prop	osed			Total
1	Not	applicab	ole	Ν	Not applicabl	е	N	lot app	licabl	е		Not applicable
41.Source o	f Fuel			Not a	pplicable							
42.Mode of	Transportat	ion of fue	el to site	Not a	pplicable							
Joy S.Thaku SEAC-III)	Thakun Mur (Secretary	5	SEAC Mee	ting No	o: 75 Meeting 1, 2018	g Date: 1	Novei	nber	Pa	ge 17 of 55	Nam Sign Shri. SEAC	ne: Kare Ami D nature: Accolor Anil Kale (Chairman -III)

		Total RG a	rea :	4,827 m2	4,827 m2					
		No of trees	s to be cut	Not applica	Not applicable					
43.Green Belt Development List of propenative trees		trees to	613 Nos.	613 Nos.						
		posed s :	Provided	Provided						
	Timeline for completion of plantation :		6 to 9 months after completion of Civil Works							
44.Number and list of trees species to be planted in the ground										
Serial Number	erial Name of the plant Commo		on Name	Qua	ntity	Characteristics & ecological importance				
1	Albizzia	Lebbek	Shi	rish	3	4	Shade-giving tree			
2	Artoo Hetero	Artocarpus Heterophyllus Far		nas	4	9	Shade-giving tree			
3	Azadirac	rachta Indica Neem/ Ka		Cadunimb	77		Hardy, drought resistant Medicinal Tree			
4	Bauhinia	Purpurea Apta/Ka		anchan	2	8	Butterfly Host Tree			
5	Cassia	Fistula Bah		ıava	1	6	Drought-resistant, butterfly-host tree			
6	Cassia	Siamea	Kas	ssod	2	6	Drought-resistant, butterfly-host tree			
7	Emblica	Officinalis	Amala	/ Awala	9	5	Medicinal properties			
8	Lagerstro reg	emia Flos- inae	Tan	nhan	1	5	Ornamental plant			
9	Michelia	champaka	Piwala	chapha	8	7	Butterfly-host plant			
10	Milingtoni	a hortensis	Во	och	1	6	Ornamental plant			
11	Pterosı aceri:	permum folium	Mucl	nkund	3	3	Quick growing Tree			
12	Pongami	a pinnata	Ka	ranj	4	3	Shade-giving tree			
13	Saraca	a Indica 💦	Sita	Ashok	1	5	Shade-giving tree			
14	Mutingia	calabura	Ch	erry	9	9	Fruit attracts birds and butterflies			
45	5.Total qua	ntity of plan	its on grou	nd						
46.Nun	ıber and	list of sl	nrubs an	d bushes	s species	to be pl	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1	5	NA		NA			NA			
				47.E	nergy					



		Source of p supply :	power	MSEDCL					
		During Cor Phase: (De Load)	nstruction emand	200 kW					
		DG set as back-up du construction	Power 1ring on phase	1 no. x 500	kVA				
Der		During Op phase (Cor load):	eration nnected	5504 kVA					
require	ement:	During Op phase (Der load):	eration mand	5450 kVA					
		Transform	er:	10 nos. x 63	30 kVA				
		DG set as 1 back-up du operation	Power ıring phase:	2 no. x 200	2 no. x 200 kVA				
		Fuel used:		Diesel					
		Details of I tension lin through th any:	high le passing le plot if	NA					
48.Energy saving by non-conventional method:									
Solar PV panel									
49.Detail calculations & % of saving:									
Serial Number	Serial Energy Conservation Measures Saving %								
1		By ı	using LED	2.52 %					
2		By u	ising Solar	1%					
		50	.Details	of pollut	ion c	ontrol Systems			
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed			
Not applicable		Not	applicable			Not applicable			
Budgetary	allocation	Capital cos	st:	Rs. 48 Lakh	L				
O&M	cost and	O & M cos	t:	Rs. 4.0 Lak	h/year				
51.Environmental Management plan Budgetary Allocation									
	CY	a) (Construc	ction pha	se (v	vith Break-up):			
Serial Number	Attri	butes	Parar	neter		Total Cost per annum (Rs. In Lacs)			
1	Air Envi	ronment	Water f suppr	for dust resion		Rs 2.0			
2	Site San Saf	itation& Eety	Sanitation I & Health	Disinfection check up		Rs. 7.00			
3	Enviror Monit	nmental toring	Enviror Monit	nmental toring		Rs. 2.50			
4	Disinf	ection	Sanit	ation		Rs. 1.00			
5	Health Check up Safety pa		Safety pa	rameters		Rs. 2.50			

Joy S. Thakur			Name: Kalt Amil D
Thatan			Signature: Ach-
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 19	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

	b) Operation Phase (with Break-up):									
Serial Number	Con	iponent	Descr	iption	Ca	pital cost Rs Lacs	s. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Sewage 1	e Treatment plant	2 no. of S total Capa m3,	2 no. of STP having total Capacity 1,617 m3/day		Rs. 72			Rs. 4.	0
2	Soli Man	d Waste agement	Cost for Tr biodeg garbage in nc	reatmen radable n OWC (os.)	t of -1-	Rs. 28		Rs. 4.0		0
3	Lar	ndscape	Tree Pla: Lands	ntation & caping	Ŝe -	Rs. 47.5			Rs. 5.	1
4	Envir Mor	onmental nitoring	Monitos analysis Noise, wat	Monitoring and analysis of Air and Noise, water, soil etc.		MoEF approved laboratory			Rs. 5	5
5	Energy (Conservation	Solar stre	Solar street lighting		Rs. 48			Rs. 4.	0
6	Rain Wat	er Harvesting	21 no. of re	21 no. of recharge pits		Rs. 19			Rs. 1.2	25
7	Laying Sewer lin dispo	of storm & ne up to final osal point	Laying o Sewer line dispos	Laying of storm & Sewer line up to final disposal point		Rs. 66		0	Rs. 2	2
8	8 Water Treatment Plant 1 nos. of WTP havin capacity 106 m3/h		ing hr	Rs. 40			Rs. 2	2		
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)								s/toxic		
Descri	ption	Status	Locatio	Location Cap in		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 applic	Not applicable ap		Not applicable	Not applicable		Not applicable	Not applicable
	52.Any Other Information									
No Informa	No Information Available									
		C	53.	Traffi	c Mana	ngement				
	Ś	Nos. of the to the madesign of confluence	e junction in road & e:	1 No.						



	Number and area of basement:	1 basement for commercial building and area is 979.40 m2			
	Number and area of podia:	NA			
	Total Parking area:	37,580 m2			
	Area per car:	30 m2			
	Area per car:	30 m2			
Parking details:	Number of 2- Wheelers as approved by competent authority:	5750 Nos.			
	Number of 4- Wheelers as approved by competent authority:	414 nos.			
	Public Transport:	NA			
	Width of all Internal roads (m):	6 m			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	8(a), B2			
	Court cases pending if any	NA			
	Other Relevant Informations	 We have provided WTP for project having capacity 106 m3/hr. Quantity of water requirement for WTP is 1,265 m3/day & treated water from WTP is 1,265 m3/day. Area provided for WTP is 60 m2. We have submitted application on MoEF state portal having proposal no. SIA/MH/NCP/72465/2018 dt.24.01.2018. We are applying for New Residential and Commercial project under schedule 8(a) B2 category. 			
C I	Have you previously submitted Application online on MOEF Website.	Yes			
	Date of online submission	24-01-2018			
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS			
	Summorised i	n brief information of Project as below.			
Brief information of the project by SEAC					

Joy S.Thakur (Secretary SEAC Meeting No: 75 Meeting Date: November Page 21 Shri. Anil Kale (Chair of 55 SEAC-III) 1, 2018 of 55 SEAC-III)	Thakur (Secretary	S.Thakur (Secretary C-III) S.Thakur (Secretary C-III) S.Thakur (Secretary S.Thakur (Secretary C-III)	Page 21 of 55 SEAC-III)
--	-------------------	--	-------------------------------

PP submitted their application for prior Environmental clearance for total plot area of 48,460 m2, Total BUA of 124603 m2 and FSI area of 82,285 m2.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit details of CER activities in consultation with the affected people in the project area as per MoEF&CC circular dated 01.05.2018 with details of fund utilization & agreement with executor.

FINAL RECOMMENDATION

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



Agenda for 75th meeting of SEAC-3 (Day-1) SEAC Meeting number: 75 Meeting Date November 1, 2018 Subject: Environment Clearance for Building construction Project Is a Violation Case: No **1.Name of Project** Proposed Residential Project 2.Type of institution Private **3.Name of Project Proponent** Mr. Mohan Devji Naik 4.Name of Consultant Mr. Rajesh Shrivastav PECS- Pollution & Ecology Control Services. **5.Type of project** Housing Project 6.New project/expansion in existing project/modernization/diversification Not applicable in existing project 7.If expansion/diversification. whether environmental clearance Not applicable has been obtained for existing project 8.Location of the project SR. NO. 72/1B/1+72/1B/2, Varale -Ambi Road 9.Taluka Maval 10.Village Varale Mr. Mohan Devji Naik **Correspondence Name: Room Number:** G-8 Floor: 2nd Floor **Building Name:** K K Market **Road/Street Name:** Locality: Dhankawadi City: Pune **11.Area of the project** Other area IOD not received 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Not Received Approval Number **Approved Built-up Area:** 13.Note on the initiated work (If NA applicable) 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 15.Total Plot Area (sq. m.) 15248 Sqm **16.Deductions** 2698 Sqm **17.Net Plot area** 12550 a) FSI area (sq. m.): 17783 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 9982.05 Non-FSI) c) Total BUA area (sq. m.): 27765.05 Approved FSI area (sq. m.): Applied for 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): Applied for DCR Date of Approval: 01-01-1900 19.Total ground coverage (m2) 3333.12 20.Ground-coverage Percentage (%) 26.56 % (Note: Percentage of plot not open to sky) 21.Estimated cost of the project 477723200 22.Number of buildings & its configuration Serial **Building Name & number** Number of floors Height of the building (Mtrs) number S. Thakur Mamon 12 - 21 ST D .Jo.

Thatan			Signature:
ıkur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 23	Shri. Anil Kale (Chairman
)	1, 2018	of 55	SEAC-III)

Joy S.Th

SEAC-III

1		Building A			B + P +10		31.5			
2		Building B			B + P + 10		31.5			
3		Building C			B + P + 11		34.35			
4		Building D			B + P + 12		37.2			
23.Number tenants an	r of d shops	424 Tenem	24 Tenements							
24.Number expected r users	r of esidents /	Residential	Users- 2120	Nos						
25.Tenant per hectar	density e	338 Tenem	338 Tenements per hector							
26.Height building(s)	of the)									
27.Right o (Width of the firom the firom the firom the firon the first station to first sta	f way the road earest fire the ouilding(s)	12 M wide a	.2 M wide approach road							
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius cess of from all building the width ntation	ius of h all lding vidth ion								
29.Existing structure	g (s) if any	NIL								
30.Details demolition disposal (I applicable	of the with f)	NA								
			31.P	roduct	tion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M	[)	Total (MT/M)			
1	Not app	plicable	Not apj	plicable	Not applicable		Not applicable			
32.Total Water Requirement										
32. Total Water Requirement										



		Source of	water	Grampanchayat, Varale							
		Fresh wate	er (CMD):	190.8							
		Recycled w Flushing (vater - CMD):	95.4							
		Recycled w Gardening	vater - (CMD):	7.53							
		Swimming make up (0	pool Cum):	2.14							
Dry seasoi	1:	Total Wate Requireme :	er ent (CMD)	295.87							
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	100	100						
		Fire fightin Overhead v tank(CMD)	ng - water):	40							
Excess treated water				183.27							
Source of water				Grampanch	ayat, Varale						
Fresh water (CMD):			190.8								
Recycled water - Flushing (CMD):		95.4									
		Recycled w Gardening	vater - (CMD):	0							
		Swimming make up ((pool Cum):	0							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	286.2							
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	100							
		Fire fightin Overhead v tank(CMD)	ng - water):	40							
		Excess trea	ated water	190.8							
Details of pool (If an	Swimming y)	Size of swin	nming pool-	7.05 m x 5.0	5 m x 1.2 m						
		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 of the Ground water table:	12 m BGL					
	Size and no of RWH tank(s) and Quantity:	Harvesting proposed in recycled water tank with filtration					
	Location of the RWH tank(s):	Collected in raw water tank					
34.Rain Water Harvesting	Quantity of recharge pits:	4 Nos.					
(RWH)	Size of recharge pits :	2m x 2m x 3m					
	Budgetary allocation (Capital cost) :	Rs. 2.60 Lacs					
	Budgetary allocation (O & M cost) :	Rs. 0.11 Lacs/Annum					
	Details of UGT tanks if any :	UGT capacity- 440 Cum					
25 Storm sustan	Natural water drainage pattern:	Sowth East to North West					
drainage	Quantity of storm water:	4230.19					
	Size of SWD:	450 mm to 600 mm					
	Sewage generation in KLD:	286.2 Cum					
	STP technology:	Phytorid					
Sewage and	Capacity of STP (CMD):	300 Cum- 1 No					
Waste water	Location & area of the STP:	Shown on Plan					
	Budgetary allocation (Capital cost):	Rs. 40 Lacs					
	Budgetary allocation (O & M cost):	Rs. 4.4 Lacs/Annum					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	2.5 Kg/day					
and Construction phase:	Disposal of the construction waste debris:	Handed over to Authorized Agency					
	Dry waste:	424.0 Kg/day					
	Wet waste:	636.0 Kg/day					
Waata ganaration	Hazardous waste:	Negligible					
in the operation Phase:	Biomedical waste (If applicable):	Nil					
	STP Sludge (Dry sludge):	Negligible. If generated shall be composted in situ					
	Others if any:	Nil					



		Dry waste:		Handed over to authorized agency					
		Wet waste	•	in-situ composting					
		Hazardous	waste:	If any, handed over to authorized agency					
Mode of a steed of wastee	Disposal	Biomedica applicable	l waste (If):	NA					
		STP Sludge (Dry sludge):		In- Situ Cor	npostii	ng			
		Others if a	ny:	NA					
		Location(s	;):	As Shown is	n the p	lan			
Area requirem	ent:	Area for the storage of waste & other material:		71 Sqm					
		Area for m	achinery:	Considered	in abo	ve are	ea		
Budgetary	allocation	Capital cos	st:	Rs. 14.0 La	CS				
(Capital co O&M cost)	st and	O & M cos	t:	Rs. 2.0 Lac	s/ Annı	ım			
			37.E	fluent C	hare	cter	estics		
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluen teresti	it .cs	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)
1	Not app	plicable	Not applicable	Not ap	plicabl	е	Not app	plicable	Not applicable
Amount of e (CMD):	effluent gene	eration	Not applica	applicable					
Capacity of	the ETP:		Not applica	licable					
Amount of t recycled :	reated efflue	ent	Not applica	applicable					
Amount of v	water send to	o the CETP:	Not applica	able	5				
Membershi	p of CETP (if	f require):	Not applica	applicable					
Note on ET	P technology	v to be used	Not applica	able					
Disposal of	the ETP slud	lge	Not applica	able					
			38. Ha	azardous	Was	ste D	etails		
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Total	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	No applio	ot cable	Not applicable	Not applicabl	e Not applicable
			39.S	tacks em	issio	n De	etails		
Serial Number Section & units F		Fuel Us Qua	Fuel Used with Quantity		s No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	1 Not applicable Not app			plicable	No applio	ot cable	Not applicable	Not applicabl	e Not applicable
			40.De	tails of H	uel t	to be	e used		
Serial Number	Type of Fuel			Existing		Proposed			Total
1	Not	applicable]	Not applicabl	е	Ν	lot applicabl	e	Not applicable
41.Source of	of Fuel		Not a	applicable					
42.Mode of	Transportat	ion of fuel to	site Not a	applicable					

Joy S. Thakur			Name: Kart Anii D
(Thatai			Signature: Joch
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 27	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

		-		-						
		Total RG area :		1255 Sqm						
		No of trees	s to be cut	Nil						
43.Green Belt Development		Number of trees to be planted : List of proposed native trees :		157 Nos	157 Nos					
				List given b	elow					
		Timeline for completion plantation	or 1 of :	Before com	Before completion of the project					
	44.Nu	mber and	l list of t	rees spe	cies to be plante	d in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Nyctanth tris	nes arbor- stis	Parij	jatak	12	This Small tree has highly fragrant flowers those attract Bees and Butterflies, Fruits attract Birds.				
2	This Small tree has highly fragrant flowers those attract Bees and Butterflies, Fruits attract Birds.		Kanak (Champa	12	Native, this shrub has yellow fragrant flowers, Host plant for Butterflies.				
3	Murraya paniculatum Kami		Kamin	/Kunti 12		Native to Western Ghats, this shrub has fragrant white flowers and dense foliage. It is a host plant for Butterflies.				
4	Manilkara zapota Cł		Chie	ckoo	12	This small tree attracts Birds and Bees. Edible Fruit.				
5	Citrus limon		Lemon		12	This Shrub is used in everyday Cooking and acts as a host plant for Butterflies.				
6	Bauhinia	racemosa	Ar	ta 12		Native to Pune, this Shrub has a Religious importance				
7	Mimusops elengi Ba		kul	12	Native, Evergreen Foliage and Flowering tree has dense branching, hence good for Wind screening. Flowers are deeply fragrant and attracts birds and Bees.					
8	Pongami	a pinnata	Kar	canj	12	Native to Pune, this Deciduous White Flowering tree . Attracts Birds and Arboreal Mammals.				
9	Lagerstroe	mia reginae	Tam	nhan	12	This Purple Flowering plant is the State flower of Maharashtra.				
10	Cassia	Cassia fistula Bah		ava	12	This Flowering and Deciduous tree has beautiful Yellow chandeliers in Summers. Good perching site for Birds.				
11	Erythrina variegata Pang		gara	5	Native to Western Maharashtra, this Reddish-Orange Flowering and Deciduous tree attracts lot of Birds for the Nectar.					
12	Saraca	a asoca	Ash	loka	12	Flowering tree attracting Avifauna				
13	Azadirac	hta indica	Ne	em 12		Multipurpose tree with medicinal uses				

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

	Name: Kart Anii D
	Signature: Jo-
8	Shri. Anil Kale (Chairman
;	SEAC-III)

14	Albizia	lebbeck	Sh	irish	3	F	lowering tree attracting Avifauna	
45	.Total qua	ntity of plan	ts on grou	nd				
46.Nun	nber and	list of sh	rubs ar	nd bushes	s species	to be plan	ted in the podium RG:	
Serial Number		Name		C/C Dista	C/C Distance Area m2			
1	1 NA		NA			NA		
				47.EI	nergy			
		Source of p supply :	oower	MSEDCL				
		During Cor Phase: (De Load)	nstruction mand	30 KW	30 KW			
		DG set as H back-up du constructio	Power Iring In phase	62.5 KVA	62.5 KVA			
Der		During Operation phase (Connected load):		1409 KW				
require	ement:	During Operation phase (Demand load):		1040 KVA	1040 KVA			
		Transform	er:	630 KVA- 2	630 KVA- 2 Nos			
		DG set as Power back-up during operation phase:		125 KVA- 1 Nos				
		Fuel used:		HSD				
		Details of high tension line passing through the plot if any:		NA	NA			
		48.Ene	rgy savi	ng by no	n-conven	tional me	thod:	
 Common area lighting such as parking, stairways, passages etc shall be provided with LED bulbs LED for entire Drive way and internal roads and pathways Solar Water heating system shall be provided for entire scheme as per norms Energy efficient pumps. Timer for Staircase lighting, Lift Lobby, Parking area and street lights. Energy saving devices for passenger lifts. 								
		49	9.Detail	calculati	ons & %	of saving:		
Serial Number	E	nergy Conse	ervation M	easures			Saving %	
1	Solar wa	ter Heater, S	olar PV, So	lar Street Lig	hts	Total 4-	6 % of energy saving	
		50.	Details	of pollut	ion conti	ol System	S	
Source	ce Existing pollution control sys			ol system		Propo	sed to be installed	
Not applicable	Not applicable Not applicable					Not applicable		
Budgetary	allocation	Capital cos	st:	Rs. 37.22 L	acs			
O&M	cost):	O & M cost		Rs. 0.75 La	cs/ Annum			
51.Environmental Management plan Budgetary Allocation								

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 29 of 55	Name: Kart April D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
---	---	------------------	--

	a) Construction phase (with Break-up):											
Serial Number	Attr	ributes	ibutes Parameter			Total Cost per annum (Rs. In Lacs)						
1	Water for & l	constructior abour	onstruction oour Water Requi		nt				0.92	0.92		
2	Site sa: sa	nitation & afety	Health a	& Safety	7				1.60			
3	Enviro Mon	onmental hitoring	Pollution m	onitorin trol	g &				1.80			
4	Disir	nfection	Health a	& Safety	7				0.50			
5	Health	& Safety	Health a	& Safety	7				0.50			
]	b) Operat	ion P	hase	e (wi	th Brea	k-up):			
Serial Number	Com	ponent	Descr	iption		Capi	tal cost Rs Lacs	. In	Opera C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Rain wate	er harvesting	r RWH	I Pits			2.60		(0.11		
2	Sewage p	treatment lant	waste wate	r treatm	nent	40.0				4.4		
3	Organ com	nic waste posting	solid manag	waste Jement			14.0	2.0				
4	Tree P	Plantation	lands develo	landscape development		9.41			4.15			
5	Energ	Jy saving	Energy co meas	nservati sures	on	37.22		0.75				
6	Enviro Mon	onmental hitoring	pollution m con	onitorin trol	g &	0.00			1.80			
51.S	torage	e of che	emicals	(infl	lam	abl	e/expl	osiv	/haz	zardou	s/toxic	
	-			sub	sta	nce	es)					
Description		Status	Locatio	n	Stor Capa in	rage acity MT	age Official Constraints (Constraints) (Cons		umption onth in MT	Source of Supply	Means of transportation	
Not applicable Not applicable		Not applica	able	N appli	Not Not licable applicable Not a		Not a	pplicable	Not applicable	Not applicable		
			52.A	ny Ot	her	Info	rmation	1				
No Informa	No Information Available											
	5		53.	Traffi	сM	anag	gement					
Nos. of th to the ma design of confluence			he junction ain road & f ce:	2 Nos								



	Number and area of basement:	4 Basement of 3333.12 Sqm			
	Number and area of podia:	Nil			
	Total Parking area:	5916.4 Sqm			
	Area per car:	20 Sqm			
	Area per car:	20 Sqm			
Parking details:	Number of 2- Wheelers as approved by competent authority:	781 Nos			
	Number of 4- Wheelers as approved by competent authority:	124 Nos			
	Public Transport:	Nil			
	Width of all Internal roads (m):	Minimum 6 M wide			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	8(a)			
	Court cases pending if any	NA			
	Other Relevant Informations	NA			
	Have you previously submitted Application online on MOEF Website.	No			
	Date of online submission	-			
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS					
5	Summorised in brief information of Project as below.				
Brief information of the project by SEAC					



PP submitted their application for amendment in earlier Environmental clearance for total plot area of 15248 m2, Total BUA of 27765.05 m2 and FSI area of 17783 m2.

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

Committee noted that the PP has complied with the points raised in 72^{nd} SEAC-3 meeting.

DECISION OF SEAC

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



SEAC Meeting number: 75 Meeting Date November 1, 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				
	In Process				
12.10D/10A/Concession/Plan 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				
10 (a) Droposed Duilt in Area (ESI S	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				
10 (h) American d Duille and a second	Approved FSI area (sq. m.): In Process				
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

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 33 of 55	Name: Kare Apir D Signature: Journan Shri. Anil Kale (Chairman 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

Joy S. Thakur Thatem			Name: Kore Amir D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 34	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

37	Sector E4	- Tower 1 an	d Tower 2		2B+G+16		68.40	
38	Sector	r E5- Retail/ (Offices		B+G+5		23.10	
39		Hospital			B+G+3		15.00	
40					B+G+2		15.00	
41	Market – Building I to Building 4				G + 1		07.35	
42		School	74 \		G + 5		21.00	
43	Fire	e Station (off	1Ce)		G+1		09.00	
44	Fire S	station (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	Shops	0	
24.Number of expected residents / users Residential 43,775 users Commercial 28,959 users							15	
25.Tenant density per hectare Tenant Density 1046/hec Tenement Density 209/ hec							5	
26.Height of the building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)							ire 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 1 r construction.	Phase II of se	ctor R1 , School building ,	
30.Details demolition disposal (I applicable	of the with f)	NA						
			31.P	roduct	tion Details	5		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/	M)	Total (MT/M)	
1	Not ap	plicable	Not apj	plicable	Not applicable	e	Not applicable	
		3	32.Tota	l Wate	r Requiren	nent		



		Mula River Irrigation Department, Govt of Mahatrashtra									
Fresh wat	er (CMD):	4723 m3/da	ny								
Recycled Flushing	water - (CMD):	2530 m3/da	ıy								
Recycled Gardenin	water - g (CMD):	732 m3/day									
Swimmin make up	g pool (Cum):	5 m3/day									
Dry season: Total Wat Requirem :	er ent (CMD)	7990 m3/day									
Fire fight Undergro tank(CMI	ing - und water)):	2750 m3/da	Ŋ			.C					
Fire fight Overhead tank(CMI	ing - water)):	20000 lit/bı	uilding			5					
Excess tr	eated water	3179 m3/da	ıy								
Source of	water	Mula River	Irrigation De	epartment, G	Govt of Maha	trashtra					
Fresh wat	er (CMD):	4723 m3/da	ny								
Recycled Flushing	water - (CMD):	2530 m3/day									
Recycled Gardenin	water - g (CMD):	00									
Swimmin make up	g pool (Cum):	5 m3/day									
Wet season: Total Wat Requirem :	er ent (CMD)	7258 m3/da	ıy								
Fire fight Undergro tank(CMI	ing - und water)):	2750 m3/day									
Fire fight Overhead tank(CMI	ing - water)):	20000 lit/building									
Excess tr	ated water	3911 m3/da	ny								
Details of Swimming pool (If any)Water req a) PH-7.0 b)Chloring c) Disinfed	uirement for 1 to 7.6 Content -0.8 tion Treatmen	nake up : 5k to 1.0 ppm I nt - With Ozo	ld Residual Chlo one	orine in pool							
	33.Detail	s of Tota	l water o	onsume	d						
Particula rs Consumption (CMD)		Loss (CMD)		Ef	fluent (CM	D)				
Water Require mentExistingProposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic Not Not applicable applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable				

	Level of the Ground water table:	Pre Monsoon 12-15 mt bgl Post Monsoon 4 to 5 mt bgl								
	Size and no of RWH tank(s) and Quantity:	NA								
	Location of the RWH tank(s):	NA								
34.Rain Water Harvesting	Quantity of recharge pits:	46								
(RWH)	Size of recharge pits :	2m X 1 m X 2m								
	Budgetary allocation (Capital cost) :	Rs 46,00,000 /-								
	Budgetary allocation (O & M cost) :	Rs 5,00,000 /-								
	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								
	Size of SWD:	1.5 m dia								
	•									
-	Sewage generation in KLD:	6441 KLD								
	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.								
	Budgetary allocation (Capital cost):	Rs 21,80,00,000 /-								
	Budgetary allocation (O & M cost):	Rs 1,15,22,000/-								
	36.Solie	d 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								
	Dry waste:	13152 kg/day								
	Wet waste:	16038 kg/day								
Waste generation	Hazardous waste:	NA								
in the operation Phase:	Biomedical waste (If applicable):	8								
1 11050.	STP Sludge (Dry sludge):	773 kg/day								
	Others if any:	e waste : 140 kg/day								

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 37 of 55	Name: K 974 A mi) D Signature: A lo - Shri. Anil Kale (Chairman SEAC-III)
---	---	------------------	---

Dry waste:				Will be segregated and handed over to authorized Vendor						d Vendor			
		Wet	waste	:		Wet waste has been pi	will be coposed	treate 1	ed in O	rganio	c Wast	e Conv	verter, sector wise OWC
Mode of	Dienosal	Haza	rdous	wast	e:	NA							
of waste:	Disposai	Biom appli	edica cable	l wast):	te (If	Will be segregated and handed to Authorized Biomedical Waste vendor							
		STP 9 sludg	Sludg je):	e (Dry	7	Dried sludge from STP will be used as manure							
		Othe	rs if a	ny:		e waste wil	l be ha	ndove	r to au	ıthoriz	ed e w	vaste V	/endor
		Locat	tion(s):		On ground,	Sector	r wise	OWCs	are P	ropose	ed	
Area for the of waste & material:		for th ste & rial:	e sto othe	r age r	263 sq m							0	
		Area	for m	achin	ery:	1074 sq m							
Budgetary	allocation	Capit	al cos	st:		Rs 4,20,25,	000						<u>`</u>
O&M cost)	:	0&1	M cos	t:		Rs 86,88,21	1						×
	37.Effluent Charecterestics												
Serial Number	Paran	neters		U	nit	Inlet E Charect	ffluen teresti	t cs	Ou Ch	utlet 1 narect	Efflue eresti	nt cs	Effluent discharge standards (MPCB)
1	Not applicable			N appli	ot cable	Not ap	plicable	e	N	lot ap	plicabl	e	Not applicable
Amount of effluent generation 0.8													
Capacity of	the ETP:			1 KLI	D								
Amount of treated effluent 0.7													
Amount of water send to the CETP: Not application						ble							
Membership of CETP (if require): Not applied						ble							
Note on ET	P technology	v to be	used	adva	nce Ox	idation Proc	ess						
Disposal of	the ETP slud	lge		Will I	be Disp	oosed throug	rh auth	orized	l vendo	or			
				3	8.Ha	zardous	Was	te D	etai	ls			
Serial Number	Descr	iption		C	at	UOM	Exist	ting	Prop	osed	Total		Method of Disposal
1	Not app	plicabl	е	N appli	ot cable	Not applicable	No applio	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
				3	39.S 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 om und (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1	Not app	plicable	e	Ν	lot app	plicable	No applio	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
				4	0.De	tails of F	⁷ uel 1	to be	e use	ed			
Serial Number	Тур	e of F	uel			Existing			Prop	osed			Total
1	Not	applic	able		Ν	lot applicabl	е	Ν	lot app	olicabl	е		Not applicable
41.Source of	f Fuel				Not a	applicable							
42.Mode of Transportation of fuel to site Not applicable													
Joy S.Thaku SEAC-III)	Joy S. Thakur Joy S.Thakur (Secretary SEAC-III)					o: 75 Meeting 1, 2018	g Date:	Nove	mber	Pa	ge 38 of 55	Nam Sign Shri. SEAC	ne: Kare Amir D nature: Accel - Anil Kale (Chairman -III)

		Total RG a	rea :	RG + CG =	RG + CG = 122090 sq m						
		No of trees	s to be cut	Few Trees of the trees with	Few Trees exist on site of of which some will be transplanted and rest of the trees will be protected						
43.Gree	n Belt	Number of be planted	f trees to	6275							
Develop	ment	List of proposed native trees :		As listed Be	As listed Below						
		Timeline for completion plantation	or n of :	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	Ma	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.					

Joy S. Thakur Joy S.Thakur (Secretary SEAC-III) SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 39 of 55	Name: Kare Api D Signature: A la - Shri. Anil Kale (Chairman SEAC-III)
---	------------------	---

16	Khaya s	enghalis	Kl	naya	230		Large roadside tree with white sweet scented flowers.			
17	Spath campa	hodia Inulata	Pic	hkari	2	50	A handsome large deciduous tree. Good for roadside plantation			
18	Bauhinia	purpurea Rakta K		Kanchan	anchan 350		Small hardy tree with beautiful pink flowers.			
45	i.Total quar	ntity of plan	ts on grou	ınd						
46.Number and list of shrubs and bushes species to be planted in the podium RG:										
Serial Number		Name		C/C Distar	ice		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	Ix	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	Euphorb	bia carcassan	a	0.45			75			
47.Energy										
Source of power supply :			MSEDCL	C	\mathbf{O}					
	During Construction Phase: (Demand Load)			100 KW						
		DG set as I back-up du constructio	Power Iring on phase	125 KVA						
		During Ope phase (Cor load):	eration inected	52940 kW						
require	ver ement:	During Ope phase (Der load):	eration nand	39411 kVA						
		Transform	er:	63 x 630 kva	63 x 630 kva					
		DG set as I back-up du operation j	Power Iring phase:	25 x 500 kva	25 x 500 kva, 8 x 400 kva, 4 x 300 kva, 6 x 250 kva, 4 x 140 kva					
		Fuel used:		HSD						
	5	Details of l tension lin through th any:	nigh e passing e plot if	YES	YES					
		48.Ene	rgy sav	ing by non	-conver	ntional m	ethod:			
Total Energ	y Saving : i.e	e. (28 % Sav	ings)							
		49	9.Detail	calculatio	ons & %	of saving	g:			
Serial Number	Il Energy Conservation Measures Saving %									

Joy S. Thakur			Name: Kare Ani D
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 40	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

1	Timers and commo	d conta on are &	ictors à exte li	will be used rnal landsca ghting.	to switch on pe and facad	n / off le	956180 kWH				
2	Light Emit	ting Die ,Lobb	ode (L bies an	ED) will be d common a	used for corr areas.	ridors				YES	
3	All fluc incorporat loss compa in superio saves ener	t fixtures ar chokes whic ro-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	t YES						
4	Energy eff 30% more and the correspon W/sq.mtr	ficient light o refore nding lo . in Res Offi	cfl/t5/i 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 an costs. LPD of .0.8 W/sq.mt sed.	prox. umed nd f 7.5 r. in	956180 kWH				
5	All cables v This also reliability. current throu	vill be o o indire . To ach : carryi gh grou	derate ectly re nieve t ng cap und/ai	d to avoid h educes losse the same we pacity of all r whichever	eating during s and improv have conside the cables lat is minimum.	g use. ves lered id	YES				
6	125 Ltr	rs Solai	r wate	r is provided	d for each fla	nt.		1	313	39199 kWH	
7	50iai i v p	& Bui	ilding	common lig	hting.	inting			480	0000 kWH	
50.Details of pollution control Systems											
Source	Ex	isting	pollu	tion contro	ol system		Proposed to be installed				
Not applicable			applicable	1		Not applicable					
Budgetary	allocation	Capit	al cos	st:	Rs 2,00,00,	,000/-					
0&M	cost):	0&1	M cos	t:	Rs 10,00,00	00/-					
51	.Envire	onm	ent	tal Mar	nageme	ent p	olan Bu	ıdget	a	ry Allocation	
			a)	Constru	ction pha	ase (v	vith Bre	ak-up)	:		
Serial Number	Attri	butes		Para	meter		Total (Cost per	an	num (Rs. In Lacs)	
1	Air Envi	ironme	nt	Erosion co suppression top soil pr	ontrol, dust n measures, reservation		434.60			60	
2	La	ind		Labour car sanit	np toilets & tation				28	.80	
3	Health a	nd safe	ety	Health c Disinf	heckup & fection				2.	76	
4	Enviro Manag	onment gement		Enviro manage	onment ment cell				3.	00	
5	Enviror Monitoring	nmenta g (Per Y	l (ear)	Air, Water, DG	Noise, Soil, set,				2.	75	
6	Labor SafetyLabor SafetyEquipment and trainingEquipment and training						24.00				
			b) Operat	ion Phas	se (wi	th Breal	k-up):			
Serial Number	Component Description					Capital cost Rs. In LacsOperational and Maintenance cost (Rs. in Lacs/yr)					
Joy S. Thakur Jaw Joy S.Thakur (Secretary SEAC-III)				C Meeting N	o: 75 Meeting 1, 2018	g Date: .	November	Page of a	41 55	Name: K 07 & A mi) D Signature: A la	

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	Landscaping Develop Maint		ment an enance	d	305.22			30.52			
4	Rain wate	er harvestin	g Rechai	rge pits		46.00		5.00			
5	Eı	nergy	Solor Hot V	Water & nels	PV	200			10.00)	
6	6 Environment Monitoring		Air, Noise, STP /ET treated w Manure,	Air, Noise, Soil, Wate STP /ETP/ WTP treated water, OWC Manure, DG Stack		00			11.50)	
51.S	torag	e of ch	emicals	(inf	lamab	le/expl	osiv	/e/haz	zardou	s/toxic	
0110	torag		omiouio	sub	stanc	es)	0011	0/1101		5,00110	
Descri	Description		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	Not applicable		Not applicable	Not a	pplicable	Not applicable	Not applicable	
			52.A	ny Ot	her Inf	ormatior	1				
No Informa	tion Availa	ble		0							
			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 basemen	and area of t:	51184.08 sq m							
		Number podia:	and area of	104613.40 sq m							
		Total Pa	rking area:	231432	2 sq m						
	(Area per	car:	12.5 sq	[m						
		Area per	car:	12.5 sq m							
Parking	Parking details:	Number Wheeler approved compete authority	of 2- s as l by nt y:	18688 Nos							
			of 4- s as l by nt V:	9303 Nos							
		Public T	ransport:	The Pro	oject prop	osespublic tr	anspo	rt li			
		Width of roads (m	all Internal	6 m to 36 m							

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 42 of 55	Name: Kart Ami D Signature: Accord 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

PP submitted their application for amendment in earlier Environmental clearance for total plot area of 418297.00 m2, Total BUA of 1268883 m2 and FSI area of 711100 m2.

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

DECISION OF SEAC

PP 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 condition wise compliance report of earlier EC conditions.

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

3) 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.

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

5) PP to submit design details of water treatment plant; PP to submit details of reject of WTP.

6) PP to relocate STPs proposed within RED Line and submit details of the same.

7) PP to remove puzzle parking proposed in commercial area OR submit the approved plan.

FINAL RECOMMENDATION

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

Joy S. Thakur			Name: Kare Amin D Signature:
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 43	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

SEAC Meeting number: 75 Meeting Date November 1, 2018

Subject: Environment Clearance for Proposed hill station type area development "The Green Butterfly" project at villages Telbaila, Majgaon and Saltar by Satind Infrastructures Pvt. Ltd.

Is a Violati	Is a Violation Case: No						
1.Name of P	roject	The Green Butterfly					
2.Type of ins	stitution	Private					
3.Name of P	roject Proponent	Smt. Taranjit	Anand Director Satind Infrastructures Pvt	. Ltd.			
4.Name of C	onsultant	Aditya Enviro	onmental Services Pvt. Ltd.				
5.Type of pro	oject	Hill station ty	/pe area development.				
6.New project/mode in existing p	ct/expansion in existing ernization/diversification roject	New project		.8			
7.If expansion whether envelope has been obto project	on/diversification, ironmental clearance tained for existing	Not applicabl	le				
8.Location o	f the project	List of survey number is attached as Annexure 1					
9.Taluka		Mulshi					
10.Village		Villages Telbaila, Majgaon and Saltar					
11.Area of th	ne project	Other area					
		Approval from Urban Development, Department Govt. Of Maharashtra, vide notification no TPS1813/3302/CR-573 and TPS -1895/2247/CR-26/95/UD-13 declaring the specified area, three villages as a hill station development.					
12.IOD/IOA/ Approval Nu	Concession/Plan mber	IOD/IOA/Concession/Plan Approval Number: Approval from Urban Development, Department Govt. Of Maharashtra, vide notification no TPS1813/3302/CR-573 and TPS -1895/2247/CR-26/95/UD-13 declaring the specified area, three villages as a hill station development.					
		Approved Bu	uilt-up Area: 2096820				
13.Note on t applicable)	he initiated work (If	(If No work has been initiated					
14.LOI / NO Other appro	C / IOD from MHADA/ vals (If applicable)	TPS1813/330	2/CR-573 and TPS -1895/2247/CR-26/95/U	ID-13			
15.Total Plo	t Area (sq. m.)	97,94,100 m ²					
16.Deduction	ns	4,55,100 m2					
17.Net Plot a	area	93,39,000 m2					
40 () 7		a) FSI area (sq. m.): 18,96,829 m2					
18 (a).Propo Non-FSI)	sed Built-up Area (FSI &	b) Non FSI area (sq. m.): 1,99,992 m2					
		c) Total BUA area (sq. m.): 20,96,820 m2					
		Approved FSI area (sq. m.):					
18 (b).Appro DCR	oved Built up area as per	Approved Non FSI area (sq. m.):					
		Date of Approval:					
19.Total gro	und coverage (m2)	1170372					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)12 %							
21.Estimated cost of the project 94650000000							
	22.Num	ber of l	ouildings & its config	guration			
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)			
1	Small Villa Plots (525 s unit	sq m) 2000	G + 1	9			

Joys. Thakur			Name: Kart Amin D
C halan			Signature: Acula
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 44	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

2	Medium V	/illa Plots (800 sq m) 1300 units	G + 1	9		
3	Luxury villa	a Plots (1000 sq m) 800 units	G + 1	9		
4	Service	Quarters 1948 units	G + 7	24		
5	Commerc	cial AVGC Park 1 unit	G + 6	21		
6	Ci	ty Office 1 unit	G + 2	12		
7	Office	e Complex 2 units	G + 2	12		
8	Hill St	reet Shopee 1 unit	G + 2	12		
9	Servic	e Industries 2 unit	G + 2	12		
10	Uı	niversity 2 unit	G+ 2	12		
11	Cra	aft center 1 unit	G + 2	12		
12	Cultura	l Center & Cineplex	G+ 2	12		
13	Сог	nvention Center	G+ 2	12		
14	Res	sidential School	G+ 2	12		
15	Primary	+ Secondary School	G+2	12		
16	Multi specialty		G+ 2	12		
17	Auditorium		G+ 2	12		
18	City Club		G+ 2	12		
19	Hotels < 3 star 5 nos Business Hotels		G + 3	12		
20	Hotels > 3 star 3 nos Luxury Hotels & Convention centre		G + 4	16		
21	Hotels > 3	star 1 nos Valley View Resorts	G + 4	16		
23.Number of Residential Public Semi-public/Hotels Hotels (9): 2297 rooms Universities: 3 Residential School+School: 3 Hospital: 1 Commercial: AVGC Park: 1 Office complex: 2, Hill street shops City office: 1 Bank, Fire station, Petrol Pump, Police station: 1 each Service industries: 2. Office: 2						
24.Numbe expected r users	A.Number of Residential: 20,500 Hotels: 4830 Public-Semi-public: 10,377 Service quarters:9,739 Commercial:18954 Service Industries: 6273 Total population: 70,672 nos.					
25.Tenant per hectar	density e	Residential: 6.17 Tenem	ent/hectare 30.87 Tenants/hectare			
26.Height building(s	of the)					



27.Right of (Width of the from	f way the road earest fire the ouilding(s)	36 m					
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Minimum ro turning radi	oad width (te ius is more t	ertiary roads han 9 m for e) in the project premises entire project.	s is of 12 m has been proposed thus	
29.Existing structure (J s) if any	Gaothan of three villages (Saltar, Teilbaila and Majgaon) are coming in Project area which will be retained as it is and around 200 buffer zone with ROW is left as per approval.					
30.Details demolition disposal (I applicable)	of the with f	NA					
31.Production Details							
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)	
1 Not applicable Not app				plicable	Not applicable	Not applicable	
		3	2.Tota	l Wate	r Requi <mark>rem</mark> en	ıt	
		Source of	water	Proposed W	ater reservoirs(Rain wa	ater) (12 nos)	
		Fresh wate	er (CMD):	4728 m3/da	y		
		Recycled w Flushing (vater - CMD):	2625 m3/day			
		Recycled w Gardening	ater - (CMD):	3295 m3/day			
		Swimming make up ((pool Cum):	NA			
Dry season: Requirement (CMD) :			er ent (CMD)	11015m3/day including HVAC water			
		Fire fightin Undergrou tank(CMD)	ng - nd water):	Details of individual UGW tank will be calculated during detail designing of individual unit			
		Fire fightin Overhead v tank(CMD)	ng - water):	Details of in designing of	ndividual OHW tank will i f individual unit	be calculated during detail	
		Excess trea	ated water	00 m3/day			



Source of water			Proposed Water reservoirs(Rain water) (12 nos)						
		Fresh wate	er (CMD):	4728 m3 / d a y					
R		Recycled water - Flushing (CMD):		2625 m3/day					
		Recycled w Gardening	vater - (CMD):	00m3/day					
Swimming pool make up (Cum):				NA					
Wet season	1:	Total Wate Requireme :	er ent (CMD)	7720m3/da	y including F	IVAC			
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	details of in designing o	ndividual UG' f the unit	W tank will k	be calculated	l during deta	il
		Fire fightin Overhead tank(CMD)	ng - water):	Details of individual OHW tank will be calculated during detail designing of individual unit				ail	
		Excess trea	ated water	3295 m 3 /o	lay				
Details of S pool (If any	Swimming y)	Details of th swimming p such requir	ne dimension bool water w ement . it wi	fion of the swimming pool plant and machinery used for the treatment of r will be dependent on the design of the individual unit and their need for will be calculated during detail designing of each unit				ment of need for	
		3	3.Detail	s of Tota	l water o	onsume	d		
Particula rs	Cons	Consumption (CMD)			Loss (CMD)		Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
		Level of th water table	e Ground e:	pre-monsoon approx. 4m bgl post monsoon approx.0.5 mbgl					
		Size and n tank(s) an Quantity:	o of RWH d	RWH tanks are not proposed , 5 check dams and 12 water bodies have been proposed					
		Location o tank(s):	f the RWH	NA, locatio	n of check da	ams and rese	ervoirs are gi	iven in maste	er plan
34.Rain V	Vater	Quantity o pits:	f recharge	75 recharge pits with borewell of 30 m					
Harvestin (RWH)	ig	Size of rec :	harge pits	3mx3mx2m					
		Budgetary (Capital co	allocation ost) :	Check dams - Rs. 2,50,000,000 , Rain water harvesting reservoirs					
		Budgetary (O & M cos	allocation st) :	7,50,000					
		Details of if any :	UGT tanks	Two water southern pa are propose Details of in designing o	Two water treatment plants of 3 MLD in Northern part and 2 MLD in southern part of project has been proposed. ESR of different capacities are proposed from where the water will be supplied to entire premises. Details of individual UGT tank will be calculated during detailed designing of each component.				

Joy S. Thakur Joy S. Thakur Joy S. Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 47	Name: Kare Ani) D Signature:
SEAC-III)	1, 2018	of 55	SEAC-III)

35.Storm water	Natural water drainage pattern:	The storm water collected through the existing streams/ravines and additional storm water drains of adequate capacity will be led to recharge pits/ check dams and water reservoirs.			
drainage	Quantity of storm water:	2,61,49,200 cum			
	Size of SWD:	Details are given in the EIA report			
	Sewage generation in KLD:	6617 m3/day			
	STP technology:	Phytorid Technology			
Sewage and	Capacity of STP (CMD):	32 no.s of STPs of Phytorid Technology+ 1 ETP/ STP proposed for hospital having total capacity 6618 m3/day			
Waste water	Location & area of the STP:	Area and location has been shown in master layout			
	Budgetary allocation (Capital cost):	Rs. 25,50,00,060 /-			
	Budgetary allocation (O & M cost):	Rs.65,98,000/-			
	36.Solie	d waste Management			
Waste generation in	Waste generation:	1000 kg/day (Dry +wet)			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	The Construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.			
	Dry waste:	8.08 tonnes/day			
	Wet waste:	9.76 tonnes/day			
Waste generation	Hazardous waste:	NA			
in the operation Phase:	Biomedical waste (If applicable):	0.077 tonnes /day			
	STP Sludge (Dry sludge):	115 kg/day			
	Others if any:	E-waste- 0.089 tonnes/day			
Si					



Mode of Disposal of waste:		Dry waste:		Dry waste will be further segregated into recyclable and non-recyclable. Recyclable waste like plastic and PET will be compressed through a baler machine and will be stored on site for further handover to authorized recyclers. Other non recyclable material with high calorific value will be treated by the method of pulverization and the pellets will be used for firing in boilers of hotels. The non-recyclable like sanitary wastes will be incinerated on site through an incinerator. A baler machine			
		Wet waste:		Biodegradable waste wil Converter. One biogas p biodegradable waste gen schools, Restaurants etc get treated with Bio-met will be treated in organi to treat the biodegradab school and city club.	Biodegradable waste will be treated in Biogas plant and Organic Waste Converter. One biogas plant has been proposed to treat the biodegradable waste generating from Hotels, Universities, Residential schools, Restaurants etc. around 57% of biodegradable waste will be get treated with Bio-methanation method. Around 43% of organic waste will be treated in organic waste convertor. Total 9 OWCs are proposed to treat the biodegradable waste generating from residential area, day school and city club.		
		Hazardous	waste:	NA			
		Biomedica applicable	l waste (If):	Authorized vendor			
ST		STP Sludg sludge):	e (Dry	STP sludge from Phytori	id Technology STP will b	e fed to Biogas	
Others if		Others if a	ny:	E-waste: Agreement for Hi-tech Recyclers.	management and dispos	al has been done with	
Location(;):	Locations of OWC and B	Biogas are provided in ma	aster layout	
Area for t of waste & material:		Area for th of waste & material:	ne storage other	Area and locations are given in the master layout			
Area for m		achinery:	inery: Details are given in the master layout				
Budgetary allocation		Capital co	st:	1) OWC: Approx. Capital Cost: Rs.1,42,25,000/- 2) Sanitary Napkin Incinerator: Approx. Capital Cost: Rs. 8,70,000 /- 3) Smart Baler Machine : Approx. Capital Cost: Rs. 9,90,000/- 4) Biogas: Approx. Capital Cost: Rs. 1,93,00,000 /-			
O&M cost)	:	O & M cost:		1) OWC: Approx. O & M Cost: 27,84,848/- 2) Sanitary Napkin Incinerator: Approx.O & M Cost:5,17,978/- 3) Smart Baler Machine : Approx.O & M Cost: 8,53,910 /- 4) Biogas: Approx.O & M Cost:18,96,000 /-			
			37. Ef	fluent Charectere	estics		
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)	
1	р	Н	NA	6.5 to 7	6 to 6.5	5.5-9	
2	T	SS	mg/l	300 to 400	<10	100	
3	ВС	DD	mg/l	200 to 270	<10	30	
4	C	DD	mg/l	500 to 560	<30	250	
5	08	à G	mg/l	15 to 20	<05	<10	
Amount of effluent generation 83		83	33				
Capacity of the ETP: 83		83					
Amount of treated effluent 50		50					
Amount of water send to the CETP: Not applica			Not applica	ble			
Membership	o of CETP (if	require):	Not applica	ble			
Note on ETH	P technology	to be used	Details are	given in EIA report			
Disposal of t	the ETP sluc	lge	ETP sludge	will be disposed to CHW	TF		

Joy S. Thakur			Name: Kare Anii D
Chatan			Signature: Sent
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 49	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

38.Hazardous Waste Details											
Serial Number	Descr	escription Cat		UOM	Exist	ing	Proposed	Tot	al	Method of Disposal	
1	Not apj	plicable	e Not applicable		Not applicable	Not N applicable appli		Not applicable	No applic	t able	Not applicable
			5	89.St	acks em	issio	n De	etails			
Serial Number	r Section & units		Fuel Used with Quantity		Stack	No.	Height from ground level (m)	Inter diamo (m	mal eter)	Temp. of Exhaust Gases	
1	96 no.s of 1000	DG sets of KVA	Аррі	rox. 15 per D	3.30 Kg/hr G set	96		6.3m	10 inc	ches	500-400 Deg Celsius
2	4 no.s of 1 750	DG sets of KVA	App	prox.13 per D	30.4 Kg/hr G set	4		5.4 m	8 inc	hes	500-400 Deg Celsius
3	8 no.s of 1 500	DG sets of KVA	Appr	rox.160 DG) Kg/hr per set	8		4.4 m	6 inc	hes	500-400 Deg Celsius
4	3 no.s of 1 400	DG sets of KVA	Appr	rox.160 DG) Kg/hr per set	3		4.0 m	6 inc	hes	500-400 Deg Celsius
5	4 no.s of 1 320	DG sets of KVA	Appr	ox.160 DG) Kg/hr per set	4		3.5 m	6 incl	hes	500-400 Deg Celsius
6	6 no.s of 1 250	DG sets of Approx.31. KVA DG		8 Kg/hr per set	6		3.16 m	5 incl	hes	500-400 Deg Celsius	
7	7 23 no.s of DG sets of Approx 600 KVA		ox.160 DG	0 Kg/hr per 23 set			4.8 m	6 inc	hes	500-400 Deg Celsius	
			4	0.De	tails of F	^r uel t	o be	e used			
Serial Number	Type of Fuel			Existing Proposed					Total		
1	Not	applicable		Ν	lot applicabl	e	N	Not applicabl	е		Not applicable
41.Source of	of Fuel	ion of final to	oito	Petro	l pump in th	e premi	se				
42.Mode of	Transportat		site	Бу 10	au						
		Total RG a	rea :	, 	908.48 Acre	es (39.3	6%)				
		No of tree:	s to b	e cut No tree will be cut. Only shrubs coming under building foot prin road will be cut.					uilding foot print or		
43.Gree	n Belt 💧	Number of trees to be planted : List of proposed native trees :		2.75 Lakhs							
Develop	ment			Detailed list is attached as Annexure No.2							
Timeline for completion plantation		or n of 12-15 year		12-15 years	5						
	44.Nu	mber and	l list	of t	rees spe	cies t	o b	e planteo	d in t	he g	ground
Serial Number	Name of	of the plant Commo		ommo	n Name Quar		ntity Cha		racte	acteristics & ecological importance	
1	1 Detailed list is Detailed 1 attached as Annexure attache no. 2		Detaile ched a: no	d list is s Annexure . 2	Detailed list is attached as Annexure no. 2		ed list is s Annexure o. 2	D	etaile A	d list is attached as nnexure no. 2	
45	5.Total qua	ntity of plar	ts on	grou	nd						
46.Number and list of shrubs and bushes species to be planted in the podium RG:											

Joy S. Thakur			Name: Kart Amin D
Thatsur			Signature: Dela
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 50	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

Serial Number		Name		C/C Distance		Area m2		
1		NA		NA		NA		
				47.Energ	IY			
Source of power supply : During Construction Phase: (Demand Load)		MSEDCL/Tata Pow	ver					
		c tion l	Details are given in EIA report					
	DG set as Power back-up during construction phase During Operation phase (Connected load):		ase	Total 37 DG sets h following capacitie , 500 kVA3 nos. , 4	ave b es 100 400 kV	een proposed during construction Phase of 00 kVA-11 nos. , 750 kVA-3 nos., 600 kVA-13 nos. /A-3 nos., 320 kVA-2 nos. , 250 kVA-2 nos.		
			223 MW		68			
Pov require	wer ement:	During Operation phase (Demand load):	n	166 MVA				
		Transformer:		Receiving station h	has be	een proposed		
		DG set as Power back-up during operation phase:		T o t a l 1 4 4 DG s e t h a s b e e n p r o p o s e d : De t a i l s a r e a s f o l l o w s - 1) 1 0 0 0 K V A - 9 6 DG s e t s 2) 7 5 0 K V A - 4 DG s e t s 3) 6 0 0 K V A - 2 3 DG s e t s 4) 5 0 0 K V A - 8 DG sets 5) 400 KVA-3 DG sets 6) 320 KVA-4 DG sets 7) 250 KVA- 6 DG sets				
		Fuel used:		HSD				
D te tl		Details of high tension line passing through the plot if any:		NA				
48.Energy saving by non-conventional method:								
-Around 35 -Each reside	-Around 35 to 40 % power requirement will be met through Green Energy, with combination of solar PV and wind mills. -Each residential villa, will have 1.5 kWp to 10 kWp Solar PV and combination of wind and Solar PV power generating							
-Commercia	al complexes	such as hotels, ho	spitals	, office complex, of	fice co	omplex,University campus will have minimum		
100 to 200 -Non-builda	kW -solar PV ble area will	/ plant to feed their l be explore for ins	r own : tallatio	requirement. on of solar PV plant.				
-Power gen	er		tail	colculations (S- 0/	of coving		
Serial		49.De	lall		X /0	of saving:		
Number	E	nergy Conservati	on Mo	easures		Saving %		
1	Use of ren	ewable energy like	solar	and wind energy	35-4	40 % energy saving by using renewable energy		
	<u>S</u> Y	50.Det	ails	of pollution c	onti	rol Systems		
Source	Ex	isting pollution o	ontro	l system		Proposed to be installed		
Not applicable		Not applic	able			Not applicable		
Budgetary	allocation	Capital cost:		Rs. 250,00,00,000/	/-			
O&M	cost):	0 & M cost:		Rs. 5,00,00,000/-				
51	.Envire	onmental 1	Mar	nagement p	olar	n Budgetary Allocation		
		a) Cons	strue	ction phase (v	vith	Break-up):		

Joy S. Thakur			Name: Kart Anil D
Chalen			Signature: Dela
Joy S.Thakur (Secretary	SEAC Meeting No: 75 Meeting Date: November	Page 51	Shri. Anil Kale (Chairman
SEAC-III)	1, 2018	of 55	SEAC-III)

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)					
1	land environment	Labour camp toilets	20,00,000/-					
2	health and safety	labour safety equipment and training	2,00,00,000/-					
3	land , water, noise and air environment	Environmental monitoring	7,60,000/-					
4	Health and safety	Disinfection and Health Check -ups (per year)	24,90,000/-					
5	water environment	Sewage treatment plant (2 no.s)	Capital cost 60,0	0,000/- O & M cost 9,00,000/-				
6	land environment	Organic waste treatment (OWC)	Capital cost 20,2	5,000/- O & M cost 4,77,855/-				
7	water environment	Packaged water treatment plant		30,00,000/-				
8	air environment	continuous air monitoring station	Capital cost 1,0	03,00,000 O & M 7,00,000 /-				
9	water environment	Check dams	2,50,00,000/-					
10	water environmnet	Reservoirs	15,00,00,000/-					
	b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	Sewage treatment plant	32 no.s of STP with Phytorid Technology	25,50,00,060 /-	65,98,000/-				
2	OWC	9 OWC machines	1,42,25,000/-	27,84,848/-				
3	Sanitary Napkin Incinerator	9 Incinerators	8,70,000 /-	5,17,978/-				
4	Smart Baler Machine	9 baler machines	9,90,000/-	8,53,910 /-				
5	Biogas	1 biogas plant	1,93,00,000 /-	18,96,000 /-				
6	Landscaping	Development and maintenance of Landscape area	41,19,70,000/-	32,95,600/-				
7	Rain Water Harvesting	Recharge pits	26,25,000 /-	7,50,000/-				
8	Water Treatment Plant	2. no.s of WTPs	8,04,00,000/-	1,22,16,000/-				
9	ETP / STP for Hospital	1 ETP-STP proposed for hospital	1,31,00,000/-	30,00,000 /-				
10	Solar and Wind Energy	Devices for renewable energy	250,00,00,000/-	5,00,00,000/-				
11	Environmental Monitoring	Land, air, noise and waterenvironment	Cost of online monitoring has been considered in construction phase EMP costing.	30,65,000/-				
51.S	torage of che	micals (inflan	nable/explosiv	/e/hazardous/toxic				

substances)



Description	Status	Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation		
Not applicable	Not applicable	Not Applicable Not applica		Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
		52.A	ny Ot	her Info	rmation	1				
No Information Availab	ole									
	-	53.	Traffi	c Manag	jement					
	Nos. of the junction to the main road & design of confluence:		The Major District Road that connects Khalapur and Khopoli to Pali somewhat North to South, parallel and west to the road that presently connects the site from Lonavala and onwards onto Tamhini Ghat. This MDR is a potential future connector, and the PWD's present road map for Raigad District and the Govt. of Maharashtra's own MoU with this development, opens possible opportunities for connecting the lower main road to the Lonavala-Tamhini connector, bringing Mumbai to within 1.0-1.5 hours to th							
	Number basemer	and area of nt:	NA		6					
	Number and area of podia:		NA							
	Total Parking area:		For visitors around 95000 sq m area has been identified for around 3000 vehicles. In total provision of parking for 12044 number of 4 wheeler and 36132 of 2 wheeler and bicycle is proposed for the project. For private parking facility is set aside in three different areas and will be distributed within each individual sector and applicable villas.							
	Area per	Area per car:								
	Area per	r car:	12.5							
Parking details:	Number of 2- Wheelers as approved by competent authority:		36132 of 2 wheelers							
	Number Wheeler approve compete authorit	o of 4- rs as d by ent ry:	12044	12044 number of 4 wheelers						
	Public T	Public Transport:		Public transport will be arranged by SIPL. Details are given in EIA report.						
2,	Width of all Internal roads (m):		Internal Road proposed • Arterial Roads – 36m ROW (3-Lane + 3-Lane) • Sub Arterial Roads – 24m & 18m ROW (2-Lane + 2-Lane) • Tertiary Roads – 12m ROW (2-Lane)							
	CRZ/ RR obtain, i	Z clearance if any:	NA							
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		1)Rese Kewani 4)Rese near M	rve Forest r i Pathar 5 k rved Forest orgiri 13 kr	iear Saltar S m - S 3)Reso near Kadva n - NE 6)Res	Site adjacent 2) erve Forest nea Dongar 9.30 k serve Forest ne	Reserve Fo r Navghar 5 m - NE 5)Re ar Ponda 14	rest near 5 km - W eserved Forest 4 km- SE		

Joy S. Thakur Joy S.Thakur Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 75 Meeting Date: November 1, 2018	Page 53 of 55	Name: K are April D Signature: Shri. Anil Kale (Chairman SEAC-III)
---	---	------------------	--

Category as per schedule of EIA Notification sheet	8 b "Townships and Area development"				
Court cases pending if any	1 court case is Pending in Civil Court of Pune				
Other Relevant Informations	This Application is for compliance. As "The Green Butterfly" project was submitted to Dept of Environment, Govt. of Maharashtra dated 20.04.2009 and discussed in 20th SEAC meeting dated 30.11.2009. -On submission of compliance, the proposal was discussed in 43rd SEAC meeting, Project was recommended for prior Environment Clearance dated 18.04.2011. -Project was considered in 40th SEIAA meeting dated 12.10.2011. Authority asked for the final approval of hill station development u/s 20 (4) of the MRTP Act, 1966. -After submission of approval from the Govt. of Maharashtra vide its notification dated 26.11.2015, the case was considered in 96th SEIAA meeting. - Proposal discussed in 47th SEAC-III meeting under EIA Notification as a compliance case. Terms of Reference (ToR) has been issued by Dept. of Environment, Govt. of Maharashtra to supplement earlier EIA studies dated 23.05.2016. -SEAC III hearing has been done in 55th Meeting dated 8.10.2016. - Minutes of meetings has been received dated 19.10.2016.				
Have you previously submitted Application online on MOEF Website.	No				
Date of online submission	-				
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS					
Summorised i	Summorised in brief information of Project as below.				
Brief information of the project by SEAC					
PP submitted their application for a	mendment in earlier Environmental clearance for total				

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)

plot area of 9794100 m2, Total BUA of 2096820 m2 and FSI area of 1896829 m2.

B1.

DECISION OF SEAC



After detail discussion of the case, committee shared the observations with the PP in respect to water and waste water, Traffic, Ecology & Biodiversity and asked to submit information to the committee for further discussion and consideration of SEAC and asked the PP for detail presentation on **Air, Noise, Solid Waste Management, Energy, Power and Socioeconomic issues chapters in the next meeting** and also PP shall make compliance of this meeting. The committee shall perform the site visit as and when necessary.

Specific Conditions by SEAC:

1) PP to obtain remarks from water commission of GoM regarding catchment area consumption.

2) PP to obtain specific NOC from the respective dept. of GoM for sustainable water supply to project.

3) PP to submit details of check dams, contour map, NOC to change natural course of water and cross sections along with detailed drawings.

4) PP to follow dual plumbing system.

5) PP to undertake waste management program designed to avoid run-off of nutrients (from use of fertilizers) / pesticides to water drains or water bodies.

6) PP to submit details as to how much of the water requirement can be met from the recycling of treated wastewater.7) PP to submit NGP NOC.

8) PP to submit cross sections through the streams and the proposed buildings / bungalows adjoining the same.9) PP to submit plans of existing drainage pattern.

10) PP to submit following details regarding traffic management: (a) Details of roads to be developed by Government. (b) Intersection diagrams to scale of all external road networks, traffic volume counts. (c) Present volumes on approach roads – inputs from Amby Valley / Maharashtra Valley & nearby developments. (d) V/C ratio on external roads. (e) Internal traffic generation – commercial / residential /others. (f) V/C ratio on all internal roads. (g) Sector wise fire tender movement. (h) Cross section of all driveways / buildings. (i) Parking details of each sectors. (j) Separate parking to be provided for commercial and residential purpose.

11) PP to submit following details regarding ecology and biodiversity: (a) NOC from Forest Department. (b) Undertaking that aquatic flora and fauna will not be affected. (c) What will be the impacts of lighting during construction phase as well as when the human habitation occurs on animals, particularly birds as regards the impacts on nesting activity, roosting places, and feeding behavior since the alteration will change the food available which may disturb the balance of these communities as urban avoiders would leave the area being sensitive to human presence. It may encourage and consequently the variety of raptors in the area. (d) What will be the likely impacts of heat generated when the area is finally occupied? (e) What will be the impact on fossorial fauna as a result of digging and excavation for construction activity? (f) Will it attract wild life from the surrounding area when the refuse from dwelling units are deposited in the garbage dumps? (g) What are the possibilities of read-hits when the roads are laid for human population and the wildlife present tries to cross the roads? (h) What will be the impacts of wildlife due to fragmentation of a habitat? (i) What impacts will the pets in local households will have on the native fauna? (j) How many lux of light is expected to be present due to street lighting and domestic lighting and how will it impact insect breeding as well as flowering of plants since there will be a change in duration of photoperiod? (k) Ultimately all the water from gardens and golf-course will drain to nearest water body and there will be a heavy use of pesticides, particularly herbicides, in the developed area. How will it impact the aquatic food chains, particularly due to bio-magnifications through the food chain, on the apex level organisms? (1) How will this aquatic pollution impact the flora and fauna in the sediment of these water bodies? (m) What will be the impact of air pollution caused due to large number of vehicles, both private and public, ecologically sensitive species since all species are not equally resistant to air pollution? (n) What will be the visual impact on wildlife, particularly birds, due to large scale construction? (o) What will be impact of this development on the movement of regularly migrating species? (p) Will there be a change in the circadian cycles of animals and plants? (q) What will be the impacts of power-lines laid for electrical supply on the fauna due to collisions / electrocutions? (r) Will the introduction of avenue-lining trees reduce the nesting sites for birds? (s) What will be the level of noise generated during construction phase and during the time the area is inhibited on the breeding behaviours of animals? (t) What plans are designed to mitigate the man-animal conflicts like snake-bite or occasional venturing of wild animals in the inhibited area? (u) PP to submit phase-wise plantation plan. (v) PP to submit patch-wise plantation plan. (w) PP to submit list of local native adaptive species. (x) PP to submit special chapter on macrophytes.

FINAL RECOMMENDATION

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