## Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 116 Meeting Date October 10, 2019

**Subject:** Environment Clearance for for Slum Rehabilitation Scheme at Plot bearing CTS No.-A/791 (part) of village Bandra (West), Nargis Dutt Nagar, K.C Marg, Bandra (West) for "Bandra Reclamation SRA CHS (Ltd)" & other 2 SRA CHS by M/s Roshni Developers Pvt. Ltd.

## Is a Violation Case: No

1.Name of Project	Prior Environment Clearance for Slum Rehabilitation Scheme at Plot bearing CTS NoA/791 (part) of village Bandra (West), Nargis Dutt Nagar, K.C Marg, Bandra (West) for "Bandra Reclamation SRA CHS (Ltd)" & other 2 SRA CHS by M/s Roshni Developers Pvt. Ltd.				
2.Type of institution	Private				
3.Name of Project Proponent	M/s. Roshni Developers Pvt.Ltd.				
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt.Ltd.				
5.Type of project	SRA Scheme				
6.New project/expansion in existing project/modernization/diversification in existing project	New				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	It is a new Project				
8.Location of the project	CTS NoA/791 (part)				
9.Taluka	Bandra (west)				
10.Village	Bandra (west)				
Correspondence Name:	Mr. Santosh Garud				
Room Number:	Omkar House, Off eastern Express Highway, Opp. Sion-Chunnabhatti Signal, Sion ( E), Mumbai -400 022.				
Floor:	-				
Building Name:	Omkar House				
Road/Street Name:	Off Eastern express Highway , Opp. Sion-Chunnabhatti signal				
Locality:	Sion (E)				
City:	Mumbai				
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai				
	LOI				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: SRA/ENG/386/HW/MHL/LOI dated 30th Jan 2019				
	Approved Built-up Area: 79867.81				
13.Note on the initiated work (If applicable)	N.A.				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	SRA/ENG/386/HW/MHL/LOI dated 30th Jan 2019				
15.Total Plot Area (sq. m.)	18016.61				
16.Deductions	2001.94				
17.Net Plot area	16014.67				
	a) FSI area (sq. m.): 133624.94				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 131110.13				
	c) Total BUA area (sq. m.): 264735.07				
	Approved FSI area (sq. m.): 79867.81				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):				
	Date of Approval: 30-01-2019				
19.Total ground coverage (m2)	9213.72				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.53				

Natendra Toke)			(M. M. Adtani)
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## 22.Number of buildings & its configuration

22.Number of buildings & its configuration											
Serial number	Buildin	ng Name & r	umber	Nu	Number of floors Height of the building (M						
1	Sale	Buildings - 2	Nos	4Basements service flo terra	4Basements + Ground + amenity+ service floor+ 28 typical floor+ 1 115 .00 terrace amenity floor						
2	Rehab b	uilding -(Win	g A to C)	3Basement	+ Ground + 38 Floors	8 Upper	117.80				
23.Number tenants an	r of d shops	Sale Buildin Rehab Build Hall-1 + Exi	gs: Sale sho ings: Reside sting Ameni	ps- 18 nos, S ential-1345 + ties-5 + Prop	ale Units - 534 R/C-7 + Comm posed Amenities	Nos. 1-17 + Mas 5 -38	sjid-1 + Church-1 + Community				
24.Number expected rusers	r of esidents /	Sale:3134 N	los. Rehab:7	749 Nos.			28				
25.Tenant per hectar	<b>density</b> e	1068					3				
26.Height building(s)	of the										
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)   27.45m wide DP Road											
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation											
29.Existing structure (s) if any											
30.Details demolition disposal (I applicable)	of the with f	Demolition	will be carrie	ill be carried out as per debris NOC							
31.Production Details											
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (M	AT/M)	Total (MT/M)				
1	Not ap	olicable	Not app	olicable	e Not applicable Not applicable						
	GY	3	32.Total Water Requirement								



		Source of	water	MCGM								
		Fresh wate	er (CMD):	979								
		Recycled w Flushing (	vater - CMD):	496								
		Recycled w Gardening	vater - (CMD):	14								
		Swimming make up (	pool Cum):	35								
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	1489								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	400				0				
		Fire fightin Overhead tank(CMD)	ng - water ):	75 KLD on (	each staircas	5e	0	3				
		Excess trea	ated water	626								
		Source of	water	MCGM & R	WH							
		Fresh wate	er (CMD):	979								
		Recycled w Flushing (	vater - CMD):	496								
		Recycled w Gardening	vater - (CMD):	0								
		Swimming make up (	pool Cum):	35								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	1475								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	400								
		Fire fightin Overhead tank(CMD	ng - water ):	75 KLD on each staircase								
		Excess treat	ated water	640								
Details of Swimming pool (If any) 35 KLD for 6 SP												
		3	3.Detail	s of Tota	l water o	onsume	d					
Particula rs	rticula rs Consumption (CMD)			Loss (CMD) Effluent (CMD)								
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			

	Level of the Ground water table:	To be provided during EIA study						
	Size and no of RWH tank(s) and Quantity:	6 Nos of total 275 KLD capacity tanks						
	Location of the RWH tank(s):	Below Ground						
34.Rain Water Harvesting	Quantity of recharge pits:	NA						
(RWH)	Size of recharge pits :	NA						
	Budgetary allocation (Capital cost) :	275 Lakhs						
	Budgetary allocation (O & M cost) :	1.8 Lakhs						
	Details of UGT tanks if any :	Sale Buildings:3 tanks of 50 cu.mts each. Rehab Buildings:3 tanks in each wing of total capacity 125 KLD.						
25 Storm sustan	Natural water drainage pattern:	To be provided during EIA study						
drainage	Quantity of storm water:	0.3 cum/sec						
	Size of SWD:	750 mm dia						
	Sewage generation in KLD:	1332						
	STP technology:	MBBR						
Sewage and	Capacity of STP (CMD):	2 Nos. of STP of 438 CUM and 900 CUM respectively.						
Waste water	Location & area of the STP:	STP 1 (438 CUM) : Below Ground , STP 2 (900 CUM): 1ST TO 3RD Basement . ( Areas To be provided during EIA study)						
	Budgetary allocation (Capital cost):	146 Lakhs						
	Budgetary allocation (O & M cost):	14.6 Lakhs						
36.Solid waste Management								
Waste generation in	Waste generation:	To be provided during EIA study						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	To be provided during EIA study						
	Dry waste:	2666 kg/day						
Waste generation	Wet waste:	3029 kg/day						
	Hazardous waste:	NA						
in the operation Phase:	Biomedical waste (If applicable):	NA						
	STP Sludge (Dry sludge):	13 kg/day						
	Others if any:	NA						



	Dry waste:				Authorized Recycler				
Wet waste:			•	OWC					
Hazardous			waste:						
Mode of Disposal Biomedi of waste: applicab		Biomedica applicable	l waste (If ):						
		STP Sludg sludge):	e (Dry	ry To be used as manure					
		Others if a	ny:	NA					
		Location(s	):	Ground					
Area requirem	ent:	Area for th of waste & material:	e storage other	30 sq.m					
		Area for m	achinery:	180 sq.m					
Budgetary	allocation	Capital cos	st:	33 Lakhs					
O&M cost)	st and	O & M cos	t:	3.5 Lakhs					5
			37.Ef	fluent C	hared	cter	estics		
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluen terestie	t cs	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable	Not ap	plicable	e	Not apj	olicable	Not applicable
Amount of effluent generation (CMD): Not applica				licable					
Capacity of	Capacity of the ETP: Not applicable								
Amount of t recycled :	able								
Amount of v	water send to	o the CETP:	Not applica	able	5				
Membershi	p of CETP (if	require):	Not applica	able					
Note on ET	P technology	to be used	Not applica	able					
Disposal of	the ETP sluc	lge	Not applica	able					
			<b>38.H</b> a	azardous	Was	te D	etails		
Serial Number	Descr	iption	Cat	UOM	Exist	ting	Proposed	Total	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	t Not able applicable		Not applicable	Not applicabl	e Not applicable
			<b>39.S</b>	tacks em	issio	n De	etails		
Serial Number	erial mber Section & units Fuel U Qua		Fuel Us Qua	sed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable Not ap			plicable	No applio	ot cable	Not applicable	Not applicabl	e Not applicable
40.Details of Fuel to be used									
Serial Number	Тур	e of Fuel		Existing			Proposed		Total
1	Not	applicable	1	Not applicabl	е	N	lot applicabl	е	Not applicable
41.Source of	of Fuel		Not a	applicable					
42.Mode of	Transportat	ion of fuel to	site Not a	applicable					

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		_								
		Total RG a	rea :	1250.24 sq.	m					
43.Green Belt Development		No of trees	s to be cut	As per tree	As per tree NOC					
		Number of be planted	trees to	63						
		List of prog native tree	posed s:	As below						
Timeline for completion of plantation :At the end of Construction Phase							2			
	44.Nu	mber and	l list of t	rees spe	cies t	o be plan	ted in the ground			
Serial Number	Name of	the plant	Commo	n Name		Quantity	Characteristics & ecological importance			
1	Azadiracl	hta indica	Ne	em		15	Medicinal tree			
2	Michelia (	champaca	Son-	chafa		15	Flowering/ornamental plant			
3	Mangife	ra indica	Ma	ngo		15	Fruiting tree			
4	Mimusoj	ps elengi	Ba	kul		18	Evergreen tree			
45	.Total quai	ntity of plan	its on grou	nd						
46.Num	ber and	list of sl	nrubs an	d bushes	s spec	cies to be	planted in the podium RG:			
Serial Number	Serial Name			C/C Dista	nce		Area m2			
1										
				47.Er	ierg	V				
Source of power supply :			TATA / Adam							
		During Cor Phase: (De Load)	nstruction mand	200 kW						
		DG set as back-up du construction	DG set as Power back-up during construction phase		1 No. of 80 KVA					
Dor		During Op phase (Cor load):	eration inected	27,480 KW						
Power requirement: During Operation phase (Demand load): Transformer: DG set as Power back-up during operation phase: Fuel used:		eration nand	11,740 KW							
		11 Nos of 1	000 KV	A. and 3 Nos o	of 1500 KVA.					
		DG set as back-up du	Power ıring phase:	2 Nos of 1600 KVA and 1 Nos of 750 KVA DG Set.						
		Fuel used:		HSD						
Details of high tension line passing through the plot if any: NA										
		<b>48.Ene</b>	ergy savi	ng by no	n-con	ventional	method:			
Solar Panel	s ,LED , VFD	) Drives , Hic	h efficiency	equipment's	;					

Nakendra Toke)			(M. M. Adtani)
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49.Detail calculations & % of saving:												
Serial Number	<b>Energy Conservation Measures</b>						Saving %					
1		Overall Ener	rgy saving of	project			To be provided during EIA study					
50.Details of pollution control Systems												
Source	Ex	xisting pollu	ution contro	ol systen	n			Pro	posed to	be installe	ed	
Not applicable		Not	applicable						Not ap	plicable		
Budgetary	allocation	Capital co	st:	300 Lal	khs							
(Capital O&M	cost and cost):	0 & M cos	st:	30 Lakl	hs							
51.Environmental Management plan Budgetary Allocation									tion			
		a)	Construe	ction j	phas	se (v	vith Bre	ak-u	<b>p):</b>	3		
Serial Number	Attri	ibutes	Parai	meter			Total (	Cost p	er annu	m (Rs. In I	acs)	
1	Site Sa	anitation	Toilets for drinking w aid arra:	r labour ater + fi ngement	+ irst t			0	11.00	7		
2	E	HS	Health, sa aid fa	fety & fin acility	rst			5	15.00			
3	Enviro Monito	nmental ring Cell	Enviror Moni	nmental toring					1.00			
4	Enviro Monitori Water & S site (2 tin	nmental ng (Noise, Soil-Project nes a year)	tal Environmental oise, Monitoring (Noise, roject Water & Soil-Project year) site (4 times a year)				2.0					
		h	) Operat	ion Pl	hase	e (wi	th Brea	k-up	):			
Serial Number	Comj	ponent	Descr	iption		Capital cost Rs. In Lacs Operational and Ma cost (Rs. in La				Maintenance Lacs/yr)		
1	Water Er	ivironment	Rain Water	Harvest	ting		275			1.8		
2	Water Er	vironment	S	ГР			146			14.6		
3	Renewał	ole Energy	Solar I	Energy			300			30		
4	Solid Mana	Waste gement	70	WC			8			1		
5	Land En	vironment	Lands	Landscaping			Will be provided during EIA Wil			be provided during EIA		
51.S	torage	of che	micals	(infl	am	abl	e/expl	osiv	/haz	zardou	s/toxic	
	5			sub	sta	nce	es)					
Descrij	Description Status		Locatio	on Capacity in MT		rage acity MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Not appl	icable	Not applicable	Not applica	able	N appli	ot cable	Not applicable	Not a	pplicable	Not applicable	Not applicable	
			52.A	ny Ot	her	Info	rmation	1				

Nale (Nalendra Toke)			(M. M. Adtani)
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No Information Available								
	53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	2 Roads abutting the plot						
	Number and area of basement:	Sale Buildings :4 Nos of basement with 8770 sq.mts area each ,Rehab Buildings: 3 Nos of basment with 9974.85 sq.mts total area						
	Number and area of podia:	N.A.						
	Total Parking area:	45051						
	Area per car:	To be provided during EIA study						
	Area per car:	To be provided during EIA study						
Parking details:	Number of 2- Wheelers as approved by competent authority:	Nil						
	Number of 4- Wheelers as approved by competent authority:	1569						
	Public Transport:	NA						
	Width of all Internal roads (m):	Sale Buildings: 9 m , Rehab Buildings:6 m						
	CRZ/ RRZ clearance obtain, if any:	ince the construction activity is proposed only on plot not affected by CRZ hence CRZ NOC is not required on the basis of circular issued by MCZMA u/no. MCZMA-2016/CR-22/T.C4 dated 14th December 2018.						
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	To be provided during EIA Study						
	Category as per schedule of EIA Notification sheet	Schedule 8(b) Category B						
	Court cases pending if any	Nil						
	Other Relevant Informations	The details provided are as per the full potential of the project anticipating future expansion						
5	Have you previously submitted Application online on MOEF Website.	No						
	Date of online submission	-						
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>						
	Summorised i	n brief information of Project as below.						
Brief information of the project by SEAC								

(Narendra Toke)			(M. M. Adtani)
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PP was present during the meeting along with environmental consultant M/s. Enviro Analysts & Engineers Pvt.Ltd..

PP informed that, the project under consideration is *new SRA scheme project*. *PP further stated that*, the total plot area of the project is 18016.61 Sq.mt. having total construction area 264725.06Sq.mt. (FSI – 127305.38 sq.mt + NON FSI- 13749.68 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Sale Buildings - 2 Nos	4Basements + Ground + amenity+ service floor+ 28 typical floor+ 1 terrace amenity floor	115.00
Rehab building -(Wing A to C)	3Basement + Ground + 38 Upper Floors	117.80

It is noted that the project earlier considered in  $106^{\text{th}}$  Meeting held on 20-07-2019 & deferred due to PP was absent.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record. Layout showing location of services including environmental infrastructure has

## **DECISION OF SEAC**



## In view of above, the proposal is deferred and shall be considered only after the compliance of below observations.

**Specific Conditions by SEAC:** 

1) PP submitted the undertaking regarding 156.90 Sq.mt plot area which is affected by CRZ II, the FSI of the same is not considered under the proposal. PP to obtain the CRZ NoC, if required as per CRZ Notification, 2011. 2) PP to submit the CFO NoC.

3) PP to explore the possibility to increase the solar energy saving from 3.3 % to 5%.

4) Committee noted that Mechanical parking is provided for rehab buildings. PP to explore the other possibility to provide other type of parking by relocating or rearrange those 90 car parking.

5) PP to ensure that Derbies management should be as per Construction and Demolition Waste Management Rules 2016.

6) PP to upload the design & cross section of STPs indicating minimum 40% area open to sky for adequate ventilation 7) PP to submit the detail design & calculation of SWD dully approved by local planning authority.

8) PP to obtain the NoC from Petroleum and Explosives Safety Organisation (PESO) for DG set, if required.

9) PP to conduct the Noise level modelling for the project site.

## FINAL RECOMMENDATION

AC decis. SEAC-II decided to defer the proposal.Kindly find SEAC decision above.



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## Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2) SEAC Meeting number: 116 Meeting Date October 10, 2019

Subject: Environment Clearance for For Proposed Residential cum Commercial Construction Project

Is a Violation Case: No							
1.Name of Project	Mohan Alcoves						
2.Type of institution	Private						
3.Name of Project Proponent	Mr. Manohar Manchandya						
4.Name of Consultant	NA						
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. 31,32/1/1, 32/1/2, 32/2 &221						
9.Taluka	Ambarnath						
10.Village	Valivali						
Correspondence Name:	Mr. Manohar Manchandya						
Room Number:	na						
Floor:	NA						
Building Name:	Mohan Plaza, G1						
Road/Street Name:	Next to Mohan Pride, Wayle Nagar						
Locality:	Khadakpada						
City:	Kalyan (W) - 421 301, India.						
11.Whether in Corporation / Municipal / other area	Kulgaon-Badlpur Municipal council						
	In Process						
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: In Process						
**	Approved Built-up Area: 55548.67						
13.Note on the initiated work (If applicable)	Not Applicable						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable						
15.Total Plot Area (sq. m.)	21190.00 Sq. M						
16.Deductions	4423.76 Sq. M						
17.Net Plot area	16766.23 Sq. M						
	a) FSI area (sq. m.): 35659.34						
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 19889.33						
	c) Total BUA area (sq. m.): 55548.67						
	Approved FSI area (sq. m.):						
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):						
2011	Date of Approval:						
19.Total ground coverage (m2)	2011.94						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	12						
21.Estimated cost of the project	150000000						
22 N							

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

Serial number	Buildin	g Name & I	number	Nu	mber of floors	Heig	ht of the building (Mtrs)	
1		A1	A1 G + 14 42.30					
2		A2			G + 14		42.30	
3		B3			G + 15		46.15	
4		B4			G + 15		46.15	
5		C5			G + 15		46.15	
6		C6			G + 15		46.15	
7		D7			G + 15		46.15	
8		E8			G + 4		14.70	
9		F9			G+12		36.60	
23.Number tenants an	r of d shops	Number of	tenants - 814	, Number of	shops - 16			
24.Number of   Residential Population - 4070, Commercial Population - 62, Total (Residential+Commercial Population - 62, Total Population					esidential+Commercial) =			
25.Tenant per hectar	<b>density</b> e	250 Tenement /ha as per DCR						
26.Height building(s)	of the							
27.Right of (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	12.0 mt. wi	de road		000			
28.Turning for easy ac fire tender movement around the excluding for the pla	radius cess of from all building the width ntation	9.00 m	6	j.D				
29.Existing structure (	J s) if any	Not Applica	ble					
30.Details of the demolition with disposal (If applicable) Not Applicable as there is no existing structure & demolition activity for the same.						7 for the same.		
			31.P	roduct	ion Details	6		
Serial Number	Pro	duct	Existing (MT/M) Propos			M)	Total (MT/M)	
1	Not ap	plicable	Not app	licable	Not applicable		Not applicable	
32.Total Water Requirement								



		Source of	water	КВМС							
		Fresh wate	er (CMD):	371							
		Recycled v Flushing (	water - (CMD):	185							
		Recycled v Gardening	water - J (CMD):	11.17	11.17						
		Swimming make up (	y pool Cum):	125							
Dry season:		Total Wate Requirements	er ent (CMD)	565.62							
		Fire fighti Undergrou tank(CMD	ng - und water )):	650				0			
		Fire fighti Overhead tank(CMD	ng - water )):	225			0	3			
		Excess tre	ated water	308.39							
		Source of	water	KBMC							
		Fresh wate	er (CMD):	371							
		Recycled water - Flushing (CMD):		185							
		Recycled water - Gardening (CMD):		0							
		Swimming make up (	y pool Cum):	125							
Wet seaso	n:	Total Water Requirement (CMD) :		554.45							
		Fire fighting - Underground water tank(CMD):		650							
		Fire fighti Overhead tank(CMD	ng - water )):	225	225						
		Excess tre	ated water	319.57							
Details of Swimming pool (If any) Pool dimension: 3 x 2.70 Total volume of pool ( w Balancing Tank Capacit Turn Over Period : 3-4 H				) x 0.75 (Paddle pool), 4.0 x 5.0 (Kids pool), 9.0 x 6.0 (Main pool) vater quantity) =125000.00 Liters approx y : 5% of total qtyi.e 6250 ltsapprox Hrs							
			33.Detail	s of Tota	l water o	consume	d				
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)		Ef	fluent (CM	D)		
Water Require ment	Existing	Proposed Total		Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not Applicable	371	371	Not Applicable	36.63	36.63	Not Applicable	499.01	499.01		
Gardening	Not Applicable	11.17	11.17	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		

Fresh water requireme nt	Not applicable	565.62	Not applicable	Not applicable	66.62	66.62	Not applicable	Not applicable	Not applicable		
		Level of th water tabl	ne Ground e:	10m below							
		Size and no of RWH tank(s) and Quantity:		NA							
		Location of tank(s):	of the RWH	Rain water	harvesting p	olan is attach	led annexure	with Form1	, 1A		
		Quantity of pits:	of recharge	12 no. of re	echarge pits a	are proposed	1	0			
		Size of rec :	charge pits	3.0 Mt. x 3.	.0 Mt. x 3.0 M	At. Depth		30			
34.Rain V Harvestii	Water 1g	Budgetary (Capital c	allocation	INR 42 lacs	5			5			
(RWH)		Budgetary (O & M co	allocation st) :	INR 0.48 la	ics per annur	n					
		Details of if any :	UGT tanks	Capacity of UGT tank is as below Building Name UGT capacity (lit) Building A1 - 75000 Building A2 - 75000 Building B3 - 75000 Building C5 - 75000 Building C6 - 75000 Building D7 - 100000 Building F9 - 100000							
35 Storm	water	drainage j	ater pattern:	As per contour (Refer annexure contour plan)							
drainage	mutor	Quantity of water:	of storm	22 cu.m/m							
		Size of SW	/D:	600 MM dia Pipe.							
			<b>y</b>								
		Sewage ge in KLD:	eneration	500							
		STP techn	ology:	MBBR							
Sewage	and	Capacity o (CMD):	of STP	520 m3/Day	у						
Waste w	ater	Location & the STP:	à area of	Location of refer servic	Location of proposed STP was shown in services location plan. Please refer services location plan attached as a annexure with Form 1, 1A						
		Budgetary (Capital c	allocation ost):	77 lacs							
		Budgetary (O & M co	v allocation st):	16 lacs	16 lacs						
			36.Soli	d waste	e Mana	gemen	t				



Waste generation in the Pre Construction and Construction		Waste gen	eration:	In construction phase, excavated earth and waste construction material will be used for road leveling and top soil will be used for proposed landscaping. In operation phase, total waste generation from 814 tenements & 16 shops will be 1887.70 Kg/Day. Biodegradable waste will be treated in mechanized waste converter machine & non biodegradable waste will be send to authorized vendor					
phase:		Disposal o constructi debris:	f the on waste	To authorized dealer					
		Dry waste:		721.0					
		Wet waste	•	1166.7					
Waste ge	neration	Hazardous	waste:	Not Applicable					
in the op Phase:	eration	Biomedica applicable	l waste (If ):	Not Applicable		0			
		STP Sludg sludge):	e (Dry	120 kg/day		30			
		Others if a	ny:	No					
		Dry waste:		Through authorized ven	dor	×			
		Wet waste	•	Organic waste convertor	r				
Madaaf	Diamagal	Hazardous	waste:	not applicable					
of waste:		Biomedical waste (If applicable):		not applicable	not applicable				
		STP Sludge (Dry sludge):		used as manure for landscaping in own project premises					
		Others if a	ny:	No					
		Location(s	):	location of mechanized composting unit is shown in services location plan. Services location Plan is attached with form1, 1A					
Area requirem	ent:	Area for th of waste & material:	e storage other	7 Sqm					
		Area for m	achinery:	49.7 Sqm (Machinery+segregation table+space for finished product+washing area+shredder)					
Budgetary	allocation	Capital cos	st:	18					
O&M cost)		O & M cos	t:	6.5					
		~	37.Ef	fluent Charectere	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable			
Amount of effluent generation Not applic			Not applica	cable					
Capacity of the ETP: Not applica			Not applica	able					
Amount of treated effluent Not applic			Not applica	able					
Amount of water send to the CETP: Not applic			Not applica	ble					
Membership of CETP (if require): Not applica			Not applica	able					
Note on ET	P technology	to be used	Not applica	ıble					
Disposal of	the ETP sluc	lge	Not applica	ble					
			38.Ha	zardous Waste D	etails				

Navendra Toke)			(M. M. Adtani)
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Serial Number	Descr	iption	С	at	UOM	Exis	ting	Proposed	Total	Method of Disposal		
1	Not applicable		N appli	ot cable	Not applicable	No applio	ot cable	Not applicable	Not applicab	le Not applicable		
39.Stacks emission Details												
Serial Number	Section	& units	Fuel Used with Quantity		Stack	No.	Height from ground level (m)	Interna diamete (m)	l Temp. of Exhaust Gases			
1	Not ap	plicable	Ν	lot apj	plicable	No applio	ot cable	Not applicable	Not applicab	le Not applicable		
			4	0.De	tails of F	uel t	to be	e used				
Serial Number	Тур	oe of Fuel			Existing			Proposed		Total		
1	Not	applicable		Ν	lot applicabl	е	Ν	Not applicabl	e	Not applicable		
41.Source of	of Fuel			Not a	pplicable							
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							
		Total RG a	rea :		1862.91 Sq	m						
		No of trees	s to be	e cut	Not Applica	ble						
43.Gree	n Belt	Number of be planted	f trees	290								
Develop	ment	List of pro native tree	posed es :	l	List of trees	s is atta	ached	as annexure	with For	m1, 1A		
		Timeline f completion plantation	or n of :		5 years							
	<b>44.Nu</b>	mber and	l list	t of t	rees spe	cies	to b	e plante	d in the	e <b>ground</b>		
Serial Number	Name of	the plant	Co	Common Name Q			Qua	ntity	Chara	cteristics & ecological importance		
1	Cassia	fistula		Bał	ıwa		3	4	Small, deciduous tree. Yellow colour flowers			
2	Putranjiva	Roxburgii		Putra	injiva		1	6	Sma beautifu	ll Size, Evergreen tree, 11 greenish yellow flowers		
3	Michelia (	Champaca		Soncl	napha		20 Medium sized e fragrant yellow fl host p		ım sized evergreen tree, t yellow flowers, Butterfly host plant			
4	Azardirac	hta Indica		Ne	em		5	2	Large tree, good for roadside plantation			
5	Albizzia	Lebbeck		Shi	rish		3	2	Medicina	al , used to produce timber		
6	Mimosoj	imosops Elengi B		Ba	kul		0	7	Shady	ree, small white fragrant flowers		
7	7 Ailanthus Excelsa			Maharukh			29 Wood is very soft and building Catamarans sticks and boxes. Leav used in medicinal pre		is very soft and used for g Catamarans and match nd boxes. Leaves and bark n medicinal preparations.			
8	Pongami	a Pinnata		Kaı	ranj		2	9		Shady tree.		
9	Saraca Asoca		Saraca Asoca		Saraca Asoca Sita Ashok		Ashok		2	8	Small s	ize evergreen tree, flower reddish orange

<u>Macha</u> (Marendra Toke) Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 116 Meeting Date: October 10, 2019	Page 16 of 114	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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10	Caryota	a Urens	Fishta	il palm	3	0	Large palm. Male flowers are red in colour, female flower green		
11	Areca catechu Sup			pari	1	3	Used to make medicines		
45	.Total qua	ntity of plan	ts on grou	nd					
46.Number and list of shrubs and bushes species to be planted in the podium RG:									
Serial Number		Name		C/C Dista	nce		Area m2		
1		NA		NA			NA		
47.Energy									
		Source of p supply :	ower	MSEDCL					
		During Cor Phase: (De Load)	nstruction mand	45 KW			30		
		DG set as I back-up du constructio	Power Iring In phase	Approx.62.5	5 KVA x 1 No	. as back	up		
Dor	107	During Ope phase (Cor load):	eration inected	3212 KW, 4015 KVA					
requirement:		During Ope phase (Der load):	eration nand	3212 KW, 4	015 KVA	0	<b>7</b>		
		Transform	er:	630 KVA X -	4 Nos				
		DG set as I back-up du operation j	Power Iring phase:	225 KVA X 1 No					
		Fuel used:		Diesel at 75% loading- 39 liters. /hr.					
		Details of l tension lin through th any:	nigh e passing e plot if	NA					
		48.Ene	rgy savi	ng by no	n-conven	tional	method:		
Using Solar Using solar	system in C water heate	common Area er system 10 s	Lighting (3 %	4 %). & Stre	et, landscape	e area ligł	nts with LED lamps.		
		49	9.Detail	calculati	ons & %	of savi	ing:		
Serial Number	E	nergy Conse	ervation M	easures			Saving %		
1	Using S	Solar system	in Common	Area Lightin	g		34%		
2	2	Solar wate	r heating sy	stem			10%		
		50.	Details	of pollut	ion contr	ol Sys	tems		
Source	Ex	isting pollu	tion contro	ol system		P	proposed to be installed		
Sewage Generation		Not	applicable				STP		
Wet Garbage		Not	applicable		Mechanized composting unit				
Budgetary	allocation	Capital cos	st:	1.93 Cr					
(Capital O&M	cost and cost):	0 & M cost	•	14.7 lakh					

Natendra Toke)			(M. M. Adtani)
Shri Narendra Toke	SEAC Meeting No: 116 Meeting Date: October	Page 17	Shri M.M.Adtani (Chairman
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51	<b>51.Environmental Management plan Budgetary Allocation</b>											
	a) Construction phase (with Break-up):											
Serial Number	Attr	ributes	Parameter			Total Cost per annum (Rs. In Lacs)						
1	Erosio	n Control	Dust suppression	n			25					
2	Site	e safety	Nets, barricadin	g				10				
3	Site s	anitation	Public toilets					5				
4	Disinfect: che	ion & health eck up	For labours					5				
	b) Operation Phase (with Break-up):											
Serial Number	Com	ponent	Description		Capi	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)		
1	Sewage P	Treatment Plant	To treat waste wat STP of 520 m3/da proposed	er - ay		77			1.33			
2	Rain Wate	er Harvestin	g 12 no. of RWH pits be proposed durin operation phase	will ng e		42	C		0.48			
3	Storr Networkin exter conr	m Water ng (including rnal line nection)	g Internal & extern storm water line connection	al ?	42			1				
4	Solio Mana	d Waste agement	For mechanized composting unit	l t	18			6.5				
5	Gre Deve	en Belt lopment	290 no. of trees wil planted	l be	94			9				
6	Solar Wa	ater Heater	To save electrica energy proposing solar water heate	nl the ers	84			7				
7	Enviro Mor	onmental nitoring	To maintain the provided environmental services	;	0			1.60				
8	Safety & Tra	: Awareness aining	For labours			5			0			
51.S	torage	e of ch	emicals (infl sub	lan sta	nabl ance	e/expl es)	osiv	/e/haz	zardou	s/toxic		
Descri	ption	Status	Location	Sto Location Car in		prage pacity MT MT Maximum Quantity of Storage at any point of time in MT		umption onth in MT	Source of Supply	Means of transportation		
Not app	licable	Not applicable	Not applicable	N appl	Not licable	Not applicable	Not a	pplicable	Not applicable	Not applicable		
			52.Any Ot	her	Info	ormation						
No Informa	tion Availa	ble										
			53.Traffi	c M	lana	gement						

## Makendra Toke<br/>(Secretary SEAC-II)SEAC Meeting No: 116 Meeting Date: October<br/>10, 2019Page 18<br/>of 114Shri M.M.Adtani (Chairman<br/>SEAC-II)

	Nos. of the junction to the main road & design of confluence:	3					
	Number and area of basement:	Nil					
	Number and area of podia:	Nil					
	Total Parking area:	4120 Sq.m					
	Area per car:	12.5					
	Area per car:	12.5					
Parking details:	Number of 2- Wheelers as approved by competent authority:	1040					
	Number of 4- Wheelers as approved by competent authority:	105					
	Public Transport:	NA					
	Width of all Internal roads (m):	6 mt					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA					
	Category as per schedule of EIA Notification sheet	Category B- 8 (a)					
	Court cases pending if any	Nil					
	Other Relevant Informations	Nil					
	Have you previously submitted Application online on MOEF Website.	No					
9	Date of online submission	-					
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS					
	Summorised is	n brief information of Project as below.					
	Brief information of the project by SEAC						



PP Mr. Manohar Manchandya was present during the meeting along with environmental consultant M/s. Ultra-Tech.

PP informed that, the project under consideration is new housing project. *PP further stated that, t*he total plot area of the project is 21190.00Sq.mt. having total construction area 55548.67Sq.mt. (FSI - 35659.34 Sq.mt. + NON FSI- 19889.33 Sq.mt.) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
A1	G + 14	42.30
A2	G + 14	42.3
В3	G + 15	46.15
B4	G + 15	46.15
C5	G + 15	46.15
C6	G + 15	46.15
D7	G + 15	46.15
E8	G + 4	14.70
F9	G+12	36.60

It is noted that the project earlier considered in  $60^{\text{th}} \& 76^{\text{th}}$  Meeting held on 21/4/2018 & 26/10/2019. In  $76^{\text{th}}$  meeting PP was absent, hence project was deferred.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record. Layout showing location of services including environmental infrastructure has

been considered by the committee.



Udlan'

## **DECISION OF SEAC**

## In view of above, the proposal is deferred and shall be considered only after the compliance of above observations.

**Specific Conditions by SEAC:** 

1) Local body to ensure that no occupation certificate is given to the project until sewer lines is developed and connected to the project

2) PP to ensure that, the driveway map submitted in reply to compliance point no 4 i.e "PP to revise & submit fire tender movement plan showing access all around the building" to be adhere to & also to get approved from council. 3) PP to submit the red/blue line of Ulhas River from water resource Department.

## in abve. FINAL RECOMMENDATION



## Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 116 Meeting Date October 10, 2019

**Subject:** Environment Clearance for Amendment in Environment Clearance of Proposed Residential project "Auralis" under MMRDA Rental Housing Scheme at Plot bearing CTS No. 136/B, village Hajuri, Thane (West) by Deep Homes & Constructions LLP.

## Is a Violation Case: No

1.Name of Project	Proposed Residential project "Auralis" under MMRDA Rental Housing Scheme at Plot bearing CTS No. 136/B, village Hajuri, Thane (West) by Deep Homes & Constructions LLP.						
2.Type of institution	Private						
3.Name of Project Proponent	M/s. Deep Homes & Constructions LLP. Mr. Raju Khetwani						
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd. Thane						
5.Type of project	Residential project under MMRDA Rental Housing Scheme						
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in Existing project						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	We have received Environment Clearance from Government of Maharashtra vide file no. SEAC-2013/CR-342/TC-1 dated 04th September, 2014.						
8.Location of the project	Plot bearing CTS No. 136/B, village Hajuri, Thane (West)						
9.Taluka	Thane						
10.Village	Hajuri						
Correspondence Name:	Mr. Raju Khetwani						
Room Number:	1304						
Floor:							
Building Name:	Dev Corpora						
Road/Street Name:	Shree Ganesh Mandir Marg						
Locality:	Cadbury Junction						
City:	Thane-400601						
11.Whether in Corporation / Municipal / other area	Thane Municipal Corporation						
	We have applied to Thane Municipal Corporation (TMC)						
12.IOD/IOA/Concession/Plan Approval Number	<b>IOD/IOA/Concession/Plan Approval Number:</b> We have applied to Thane Municipal Corporation (TMC)						
	Approved Built-up Area: 31881						
13.Note on the initiated work (If applicable)	Total Constructed Work (FSI + Non FSI): 53,527 m2						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI from MMRDA received dt. 16.11.2010						
15.Total Plot Area (sq. m.)	8,420 m2						
16.Deductions	421 m2						
17.Net Plot area	7,999 m2						
	a) FSI area (sq. m.): 31,881 m2						
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 32,258 m2						
	c) Total BUA area (sq. m.): 64139						
	Approved FSI area (sq. m.): 31,881 m2						
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 32,258 m2						
2011	Date of Approval: 12-06-2019						
19.Total ground coverage (m2)	4,308 m2						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	57.85%						
21.Estimated cost of the project	101000000						

(Narendra Toke)			(M. M. Adtani)
Shri Narendra Toke	SEAC Meeting No: 116 Meeting Date: October	Page 22	Shri M.M.Adtani (Chairman
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	22.Number of buildings & its configuration											
Serial number	Buildin	ig Name & i	number	Nu	mber of floors	6	Height of the building (Mtrs)					
1	Buil	lding No.1 (S	ale)	Basement -	+ Ground + Up - 32nd Floors	per Stilt	103					
2	Buil	lding No.2 (S	ale)	Basement -	+ Ground + Up + 28th Floors	per Stilt	89.7					
3	Buildi	ng No.3 (MN	(RDA)	Sti	lt + 20th floors		61.35					
23.Number tenants an	r of d shops	Sale flats: 2 Rental flats Total flats:	29 no. : 462 no. 691 no.									
24.Number expected r users	r of esidents /	3,475 no.										
25.Tenant per hectar	<b>density</b> e	987 tenants/ha										
26.Height building(s)	of the )											
27.Right o (Width of t from the n station to t proposed h	7.Right of way Vidth of the road om the nearest fire ation to the roposed building(s)											
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9 m			×.00							
29.Existing	J (s) if any	NA		SY.								
30.Details of the demolition with disposal (If applicable)												
			31.P	roduct	ion Deta	ils						
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (1	MT/M)	Total (MT/M)					
1	Not ap	plicable	Not app	olicable	Not applic	able	Not applicable					
	32.Total Water Requirement											



		Source of	water	Thane Municipal Corporation (TMC)								
		Fresh wate	er (CMD):	314								
		Recycled w Flushing (	vater - CMD):	155								
		Recycled w Gardening	vater - (CMD):	7								
		Swimming make up (	r pool Cum):	Not Applica	ible							
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	469	469							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	350				8				
		Fire fightin Overhead tank(CMD)	ng - water ):	30			0	3				
		Excess trea	ated water	246								
		Source of v	water	Thane Mun	icipal Corpo	ration (TMC)						
		Fresh wate	er (CMD):	314								
		Recycled w Flushing (	vater - CMD):	155								
		Recycled w Gardening	vater - (CMD):	7								
		Swimming make up (	pool Cum):	Not Applicable								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	469								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	350								
		Fire fightin Overhead tank(CMD	ng - water ):	30								
		Excess treat	ated water	250								
Details of pool (If an	Swimming y)	Not Applica	ble									
		3	<b>3.Detail</b>	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:	4 to 5 m						
	Size and no of RWH tank(s) and Quantity:	2 nos. of RWH Tanks of Total capacity 150 m3.						
	Location of the RWH tank(s):	Basement						
34.Rain Water Harvesting	Quantity of recharge pits:	3 nos. of recharge pits						
(RWH)	Size of recharge pits :	2 m x 2 m						
	Budgetary allocation (Capital cost) :	Rs.18 Lakh						
	Budgetary allocation (O & M cost) :	Rs.2 Lakh/year						
	Details of UGT tanks if any :	Domestic: 103 m3 Flushing: 51 m3						
25 Storm sustan	Natural water drainage pattern:	Towards South side						
drainage	Quantity of storm water:	853 m3/hr						
	Size of SWD:	450 mm						
	Sewage generation in KLD:	422 m3/day						
	STP technology:	Moving Bed Biofilm Reactor (MBBR)						
Sewage and	Capacity of STP (CMD):	2 nos. with capacity of 183 m3/day for Sale Buildings and 300 m3/day for Rental Building						
Waste water	Location & area of the STP:	Location - Basement; Area of STP –288 m2						
	Budgetary allocation (Capital cost):	Rs.70 Lakh						
	Budgetary allocation (O & M cost):	Rs.20 Lakh/year						
	36.Soli	d waste Management						
Waste generation in	Waste generation:	10 kg/day						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Sent to authorized vendor.						
	Dry waste:	695 kg/day						
	Wet waste:	1,043 kg/day						
Wasto generation	Hazardous waste:	Not applicable						
in the operation Phase:	Biomedical waste (If applicable):	Not applicable						
	STP Sludge (Dry sludge):	4 kg/day						
	Others if any:	Not applicable						



		Dry waste:				Dry garbage will be segregated & disposed off to recyclers.							
		Wet v	waste			Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.							
Mode of	Disposal	Haza	rdous	wast	e:	Not applica	ble						
of waste: Biomedical waste (If applicable):			te (If	Not applica	ble								
STP Sludge (Dry sludge):				ý	Sludge can	be use	ed as r	nanure	e for g	ardeni	ng.		
		Other	rs if a	ny:		Not applica	ble						
		Locat	tion(s	):		Ground							
Area requirem	Area for the storage of waste & other material:			rage r	50 m2							0	
		Area	for m	achin	ery:	20 m2							
Budgetary	allocation	Capit	al cos	st:		Rs.25 Lakh						0	
O&M cost)	:	0 & N	A cos	t:		Rs.15 Lakh	/year						
				3	<b>7.Ef</b>	fluent C	hare	cter	estic	S			
Serial Number	erial Parameters Unit			nit	Inlet E Charect	Effluen teresti	t cs	Ot Ch	utlet 1 arect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)	
1	Not apj	plicable	е	N appli	ot cable	Not ap	plicabl	e	N	lot ap	plicabl	e	Not applicable
Amount of e (CMD):	Amount of effluent generation Not applica						6		5				
Capacity of the ETP: Not application					pplica	ble							
Amount of treated effluent Not applica					pplica	ble							
Amount of v	vater send to	o the C	ETP:	Not a	pplica	ble							
Membershi	p of CETP (if	requir	re):	Not a	pplica	ble							
Note on ET	P technology	v to be	used	Not a	applica	ble							
Disposal of	the ETP sluc	lge		Not a	pplica	ble							
				3	<b>8.H</b> a	zardous	Was	te D	etai	ls			
Serial Number	Descr	iption		C	at	UOM	Exis	ting	Prop	osed	Total		Method of Disposal
1	Not app	plicable	e	N appli	ot cable	Not applicable	N appli	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
					39.St	acks em	issio	n D	etail	5			
Serial Number	Section	& uni	ts	Fu	uel Us Qua	ed with ntity	Stacl	s No.	Hei fro grou level	ght m und (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1	Not apj	plicable	60	Ν	lot apj	plicable	N appli	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
				4	0.De	tails of <b>F</b>	<b>uel</b>	to b	e use	d			
Serial Number Type of Fuel					Existing			Prop	osed			Total	
1	Not	applica	able		Ν	lot applicabl	e	Ν	lot app	licabl	е		Not applicable
41.Source of	of Fuel				Not a	pplicable							
42.Mode of	Transportat	ion of f	fuel to	site	Not a	pplicable							
<u></u> (Narea Shri Nareno (Secretary S	Shri Narendra Toke (Sacratary SEAC-II)					o: 116 Meeti 10, 2019	ng Dat	e: Oct	ober	Pa o	ge 26 f 114	() Shri I SEAC	M.M.Adtani (Chairman -II)

		Total RG a	rea :	1,314 m2						
		No of trees	s to be cut	t Trees to be Existing tre	Trees to be cut: 38 nos. Trees to be retained: 34 nos., Total nos. of Existing trees - 72 nos.					
43.Gree	n Belt	Number of be planted	trees to	224 nos.						
Develop	ment	List of pro native tree	posed es :	Azadirachta Lebbeck; P	Azadirachta Indica; Alstonia Scholoris; Murraya Paniculata, Albizzia Lebbeck; Polyalthea Longifolia; Bombax Cebia; Michelia Champaca					
		Timeline for completion of plantation :		1-2 years	1-2 years					
	<b>44.Nu</b>	mber and	l list of	trees spe	cies to b	e plante	d in the ground			
Serial Number	Name of	the plant	Comm	on Name	Quar	ntity	Characteristics & ecological importance			
1	Azadirac	Azadirachta indica		leem	17		Neem is a fast-growing tree, height is 15-20m. Evergreen tree. Use as a vegetable & in traditional medicinal purpose			
2	Alstonia	Alstonia Scholoris		atwin	<i>r</i> in 34		Shady Tree, white fragrant flowers			
3	Murraya Paniculata		K	Kunti		0	Small tree, Fragrant white flowers, Butterfly host plant			
4	Albizzia	lebbeck	SI	nirish	24		Shady tree, yellowish green fragrant flowers.			
5	Polyalthea	Longifolia	Ashoka		115		Ashoka is a rain forest tree. The Ashoka is prized for its beautiful foliage and fragrant flowers. Small erect evergreen tree.			
6	Bomba	x Cebia	Kat	esavar	1	2	Small tree, Fragrant white flowers, Butterfly host plant			
7	Michelia	Champaca	Son	Chapha	12		Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant			
8	То	otal		-	22	24	-			
45	5.Total qua	ntity of plan	its on gro	und						
<b>46.Nun</b>	nber and	list of sl	rubs a	nd bushes	s species	to be pla	anted in the podium RG:			
Serial Number	Name			C/C Dista	nce		Area m2			
1	2,598 nos of shrubs & bushes species to be planted in the podium RG			-			-			
	5			47.EI	nergy					



		Source of po supply :	ower	MSEDCL							
		During Cons Phase: (Dem Load)	struction and	100 kW							
		DG set as Po back-up dur construction	ower ing 1 phase	100 kVA							
Dee		During Oper phase (Conn load):	ration lected	5 MW	5 MW						
Power requirement:		During Oper phase (Dema load):	4 MW								
		Transformer	"e . e	-							
		DG set as Po back-up dur operation ph	ower ing nase:	1 x 380, 1 x 750 & 1 x 1,000 kVA							
		Fuel used:		Diesel							
		Details of hi tension line through the any:	gh passing plot if	Not applicable							
	48.Energy saving by non-conventional method:										
The followin ? Energy sa ? Details ca	ng Energy Co ving measur lculation & 9	onservation Me res: Solar Syste % of saving: 27	ethods are ems & LED 7.68%	proposed in ).	the pr	oject:					
		49.	Detail	calculati	ons	& % of saving:					
Serial Number	E	nergy Conser	vation M	easures		Saving %					
1	1. Use of fixtures, so area. Use of conventi- tubes will 1 fluorescent lamps whice the same w nos. of fi lin	energy efficie olar powered li of T5 tubes hav onal tubes and be reduced dra tube lights & ch give approx vatts consumed xtures. 3. Sola ghting is comp	nt, BEE la ghting in o ving 2.5 to hence rat astically. 2 Light Emi . 30% mor d and thero r Electrica limentary	beled electric external com 3 times life of e of disposal . Energy efficient tting Diode (I e light output efore require l Power + LE in Resid	cal mon over of cient LED) t for less ED	27.68%					
		50.I	<b>Details</b>	of polluti	ion c	ontrol Systems					
Source	Ex	isting polluti	on contro	l system		Proposed to be installed					
Not applicable	2	Not ap	oplicable			Not applicable					
Budgetary	allocation	Capital cost:	:	Rs.70 Lakh							
O&M	cost):	O & M cost:		Rs.20 Lakh/	year						
51	.Enviro	onmenta	l Mar	nageme	nt p	olan Budgetary Allocation					
		a) C	onstrue	ction pha	se (v	vith Break-up):					
Serial Number	Attril	Attributes Parameter Total Cost per annum (Rs. In Lacs)									

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No Informa	ition Availa	ble	52.Any Ut	ner Inf		L			
Not app	licable	applicable	Not applicable	applicable	applicable	Not aj	oplicable	applicable	Not applicable
Descri	cription Status Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT Not	Consu / Mo I	imption onth in MT	Source of Supply	Means of transportation	
51.5	torag	e or che	sub	stance	es)	USIV	e/naz		S/LOXIC
7		fotal	·		245		o /le -	52	o/ho
6	Fire	fighting	-		78		6		
5	Lan Developm tree plan with the p	dscape ent including tation along plot boundary	RG Area		30			6	
4	Solio Mana	d Waste agement	Composting		25		15		
3	Rain wate	er Harvesting	Channelizing and maintenance of ra water harvesting	Channelizing and aaintenance of rain 18 water harvesting		2			
2	Solar	System	Cleaning of Surface Panel Six monthl	e of y	24			3	
1	Sewage Plant	Treatment (Tertiary)	Continuous O & I Environment Monitoring: Month STP outlet water quality for pH, BO COD, SS and O&	M ily, r D, G	70		20		
Serial Number	Component Description		Cap	oital cost Rs Lacs	s. In	Opera c	tional and ost (Rs. in	Maintenance Lacs/yr)	
		]	o) Operation Pl	hase (w	ith Brea	k-up)	:-		
8	1	Total	-	23					
7	Train awa	ning and areness	-				2	2	
6	Health	a & Safety	Health Checkup first aid, Safety jack Safety shoes, Helm Belt.	& ket, net,	10				
5	Disi	nfection	Cleaning		1				
4	Stor	m water	Storm water drain	ns	2				
3	Envir Mor	onmental nitoring	pH, Colour, Odou Turbidity, Total Hardness etc	r,			3		
2	Site S	anitation	Toilets, safe drinki water, mobile ST	ng P			3		
1	Air En	vironment	Water spray for du suppression	ıst			2		

Nale (Nalendra Toke)			(M. M. Adtani)
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	53.	Traffic Management
	Nos. of the junction to the main road & design of confluence:	1 no. of the junctions
	Number and area of basement:	1 no. basement having Basement area: 3,763 m2
	Number and area of podia:	1 no. Podium having Podium area: 3,661 m2
	Total Parking area:	7,689 m2
	Area per car:	Basements - 35 m2, Podium floors - 30 m2, Stilt - 30 m2
	Area per car:	Basements - 35 m2, Podium floors - 30 m2, Stilt - 30 m2
Parking details:	Number of 2- Wheelers as approved by competent authority:	240 no.
	Number of 4- Wheelers as approved by competent authority:	458 no.
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	12 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(a) B2 Category
	Court cases pending if any	Not applicable
	Other Relevant Informations	-
S	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
	Summorised i	n brief information of Project as below.
	Brief informa	tion of the project by SEAC



PP Mr. Manoj was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engineers Pvt. Ltd. Thane.

PP informed that, the project under consideration is *expansion in existing residential project under MMRDA rental housing scheme project. PP further stated that,* the total plot area of the project is 8,420 Sq.mt having total construction area 56008 Sq.mt.(FSI – 31,881 sq.mt +NON FSI- 24127 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building No.1 (Sale)	Basement + Ground + Upper Stilt	103
	+ 32nd Floors	
Building No.2 (Sale)	Basement + Ground + Upper Stilt	89.7
	+ 28th Floors	
Building No.3 (MMRDA)	Stilt + 20th floors	61.35

It is noted that, Project has received Environmental clearance vide letter dated 04th September, 2014. PP stated that, there is vertical expansion by 4 floors in building no 1 proposed under this project.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record. Layout showing location of services including environmental infrastructure has

## **DECISION OF SEAC**



## In view of above, the proposal is deferred and shall be appraised afresh after the compliance of below observations.

**Specific Conditions by SEAC:** 

1) Committee noted that, PP have circulated the revised CS, PP to revised the same online also.

2) Committee noted that, there is change in nomenclature of the building configuration i.e in EC the configuration of building No.1 is B+G + upper stilt+28 floors, but in architect certificate it is mentioned as B+G+ upper stilt/podium+28 floors. PP to submit the revised dated Architect certificate addressing to committee regarding building wise construction (Configuration, FSI, NoN-FSI, TBUA) approvals from local Authority, actual construction done and proposed expansion. **3)** Local planning authority to ensure the structural stability of building for which vertical expansion is proposed. 4) PP to submit the copy of plan submitted during the earlier EC.

**5)** PP to submit the affidavit regarding the status of proposed shops.

# sin abve.



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## Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

## SEAC Meeting number: 116 Meeting Date October 10, 2019

**Subject:** Environment Clearance for Proposed residential Building development at Gut No. 188/3, 188/4A, 188/4B, 188/4C, 188/4D, 188/7, 189/2, 190/1, 190/2, 190/3, 192/1, 192/2, 193/0, 194/0, 195/2, 195/3, 195/5, 195/6, 195/7, 195/8, 195/9, 198/3, 198/4, 198/5, 198/6, 198/7, 200/1, 200/2, 200/3, 200/4, 201/0 Shivkar, Panvel, Raigad.

Is a Violation Case: No					
1.Name of Project	Utsav City				
2.Type of institution	Private				
3.Name of Project Proponent	Today Micron Developers				
4.Name of Consultant	Building Environment India Pvt. Ltd.				
5.Type of project	Housing Project				
6.New project/expansion in existing project/modernization/diversification in existing project	New Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable				
8.Location of the project	Gut No. 188/3, 188/4A, 188/4B, 188/4C, 188/4D, 188/7, 189/2, 190/1, 190/2, 190/3, 192/1, 192/2, 193/0, 194/0, 195/2, 195/3, 195/5, 195/6, 195/7, 195/8, 195/9, 198/3, 198/4, 198/5, 198/6, 198/7, 200/1, 200/2, 200/3, 200/4, 201/0				
9.Taluka	Panvel				
10.Village	Village- Shivkar				
Correspondence Name:	Bhadresh Rajesh Shah				
Room Number:	Office No. 605				
Floor:	6th Floor				
Building Name:	Shelton Cubic				
Road/Street Name:	Plot No. 87, Sector-15				
Locality:	CBD Belapur				
City:	Navi Mumbai				
11.Whether in Corporation / Municipal / other area	NAINA				
	Part CC received: CIDCO/NAINA/PANVEL/SHIVKAR/BP-332/AMENDED CC/2018/2492, Dated 10/12/2018				
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Part CC received: CIDCO/NAINA/PANVEL/SHIVKAR/BP-332/AMENDED CC/2018/2492, Dated 10/12/2018				
	Approved Built-up Area: 12024.543				
13.Note on the initiated work (If applicable)	Not Applicable				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Part CC received: CIDCO/NAINA/PANVEL/SHIVKAR/BP-332/AMENDED CC/2018/2492, Dated 10/12/2018				
15.Total Plot Area (sq. m.)	33450.00 Sq. Mt.				
16.Deductions	4062.245 Sq. Mt. (Existing Road area: 756.809 Sq. Mt. + Proposed 27 Mt. wide D.P. road: 1708.054 Sq. Mt. + Proposed 12 Mt. wide D.P. road: 46.433 Sq. Mt. + Amenity- 1550.949 Sq. Mt.)				
17.Net Plot area	29387.755 Sq. Mt.				
	a) FSI area (sq. m.): 26780.458 Sq. Mt.				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 16922.531 Sq. Mt.				
	c) Total BUA area (sq. m.): 43702.989				
	Approved FSI area (sq. m.): 26780.458 Sq. Mt.				
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 16922.531 Sq. Mt.				
	Date of Approval: 01-01-1900				
19.Total ground coverage (m2)	5592.805 Sq. Mt.				

(Natendra Toke)			(M. M. Adtani)
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20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 19.03 % to sky)

### 21.Estimated cost of the project 351054296

## 22.Number of buildings & its configuration

				J
Serial number	Buildin	ng Name & number	Number of floors	Height of the building (Mtrs)
1	E	Building No. 1	Ground + Upper 7 floors ( 56 Flats )	23.65 Meters
2	E	Building No. 2	Ground + Upper 7 floors (56 Flats)	23.65 Meters
3	E	Building No. 3	Ground + Upper 7 floors (56 Flats)	23.65 Meters
4	Building No. 4		Ground + Upper 7 floors (56 Flats)	23.65 Meters
5	Building No. 5		Ground + Upper 7 floors (56 Flats)	23.65 Meters
6	E	Building No. 6	Ground + Upper 7 floors (56 Flats)	23.65 Meters
7	E	Building No. 7	Ground + Upper 7 floors (28 Flats)	23.65 Meters
8	Building No. 8		Ground + Upper 7 floors ( 42 Flats)	23.65 Meters
9	E	Building No. 9	Ground + Upper 7 floors (28 Flats)	23.65 Meters
10	Building No. 10		Ground + Upper 7 floors ( 56 Flats)	23.65 Meters
11	Building No. 11 (EWS/LIG)		A wing: Ground + Upper 7 floors ( 21 Flats) B wing: Ground + Upper 7 floors ( 28 Flats) C wing: Ground + Upper 7 floors ( 28 Flats)	23.65 Meters
23.Number tenants an	r of d shops	Residential: 567 Nos.		
24.Number expected r users	r of esidents /	2835 Nos.	C VY	
25.Tenant per hectar	density e	169.51		
26.Height building(s)	of the )			
27.Right o (Width of t from the n station to t proposed b	f way the road earest fire the ouilding(s)	Proposed 27 Meter wide	e DP road	
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all building the width ntation	9 Meters		
29.Existing structure	g (s) if any	Not Applicable		
30.Details demolition disposal (I applicable	of the with f	Not Applicable		
		31.P	<b>Production Details</b>	



Serial Number	Pro	duct	Existing	(MT/M)	Proposed	1 (MT/M)	Т	otal (MT/M	)	
1	Not apj	plicable	Not apj	licable Not applicable			Not applicable			
		3	2.Tota	l Wate	r Requi	iremen	t			
		Source of	water	NAINA + tr	reated sewag	e from STP	+ Tanker			
		Fresh wate	er (CMD):	218.00	-					
		Recycled w Flushing (	vater - CMD):	109.00						
Dry season:		Recycled w Gardening	vater - (CMD):	24.00						
		Swimming make up (	pool Cum):	5.00						
		Total Wate Requireme :	er ent (CMD)	356.00			30			
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	0.00			0	<b>)</b>		
		Fire fightin Overhead tank(CMD)	ng - water ):	25.00 ( for e	25.00 ( for each building)					
		Excess trea	ated water	161.00						
		Source of	water	NAINA + treated sewage from STP + Tanker						
		Fresh wate	er (CMD):	218.00						
		Recycled w Flushing (	vater - CMD):	109.00						
		Recycled w Gardening	vater - (CMD):	0.00						
		Swimming make up (	pool Cum):	5.00						
Wet seaso	<b>n:</b>	Total Wate Requireme :	er ent (CMD)	332.00						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	<b>r</b> 0.00						
		Fire fightin Overhead tank(CMD)	ng - water ):	25.00 ( for each building)						
		Excess trea	ated water	185.00						
Details of pool (If an	Swimming y)	Swimming 1	Pool area: 1(	)9.759 Sq. M	īt.					
		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	

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	Level of the Ground water table:	4.5 Meters									
	Size and no of RWH tank(s) and Quantity:	NA									
	Location of the RWH tank(s):	NA									
34.Rain Water	Quantity of recharge pits:	22 Nos.									
(RWH)	Size of recharge pits :	2 M X 2 M X 1.5 M									
	Budgetary allocation (Capital cost) :	33.00 Lakh									
	Budgetary allocation (O & M cost) :	1.32 Lakh									
	Details of UGT tanks if any :	Domestic UG tank (1.5 days storage): 326.97KLD Flushing UG tank (1.5 days storage): 163.48 KLD Fire: 0.00 {As per NBC ( Height- 15m to 35 m )}									
35.Storm water drainage	Natural water drainage pattern:	The storm drainage above ground will essentially cater for the seasonal rains. The major part of discharge will be from the roof. Rain water outlets will be provided at the edges from where it will be carried down by UPVC agriculture pipes to discharge water into storm water entrance chambers below ground. Run- off from the ground and terrace will be finally discharged into rain water harvesting tank below ground. The overflow from rain water harvesting tank will be discharged into storm water c									
-	Quantity of storm water:	7.55 M3/min									
	Size of SWD:	750 MMØ									
	Sewage generation in KLD:	327 KLD									
	STP technology:	MBBR									
Sewage and	Capacity of STP (CMD):	1 STP of 330 KLD									
Waste water	Location & area of the STP:	At ground									
	Budgetary allocation (Capital cost):	75 Lakh									
	Budgetary allocation (O & M cost):	3.00 Lakh/year									
	36.Soli	d waste Management									
Waste generation in	Waste generation:	Excavated soil will be used in land leveling purpose & construction									
the Pre Construction	g	debris will be handed over to authorized agency.									
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	debris will be handed over to authorized agency. Construction debris will be handed over to Authorized agency.									
the Pre Construction and Construction phase:	Disposal of the construction waste debris: Dry waste:	debris will be handed over to authorized agency.     Construction debris will be handed over to Authorized agency.     333.08 Kg/day									
the Pre Construction and Construction phase:	Disposal of the construction waste debris: Dry waste: Wet waste:	debris will be handed over to authorized agency.     Construction debris will be handed over to Authorized agency.     333.08 Kg/day     777.18 Kg/day									
the Pre Construction and Construction phase: Waste generation	Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste:	debris will be handed over to authorized agency.     Construction debris will be handed over to Authorized agency.     333.08 Kg/day     777.18 Kg/day     Not Applicable									
the Pre Construction and Construction phase: Waste generation in the operation Phase:	Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable):	debris will be handed over to authorized agency. Construction debris will be handed over to Authorized agency. 333.08 Kg/day 777.18 Kg/day Not Applicable Not Applicable									
the Pre Construction and Construction phase: Waste generation in the operation Phase:	Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable): STP Sludge (Dry sludge):	debris will be handed over to authorized agency. Construction debris will be handed over to Authorized agency. 333.08 Kg/day 777.18 Kg/day Not Applicable Not Applicable 8.25 Kg/day									
		Dry waste:		Handed ove	er to au	thoriz	zed agency.				
--	---	---	----------------------	---------------------------	----------------------	-----------------	---------------------------------------	-----------------------------	-------------------------------------	--	--
		Wet waste	:	Composting	g throug	gh OV	VC & used at	site as mai	iure.		
		Hazardous	waste:	Not Applica	able						
Mode of a of waste:	Viode of Disposal of waste:         Area cequirement:         Budgetary allocation Capital cost and D&M cost):         Serial Number       Paran         1       Not ap         Amount of effluent gene CMD):         Capacity of the ETP:         Amount of treated effluent ecycled :         Amount of treated effluent verycled :         Amount of treated effluent cycled i         Amount of treated effluent serial Number         J       Descriment Disposal of the ETP slue         Serial Number       Descriment Section         1       Not ap         1       Not ap         Serial Number       Section         1       Not ap	Biomedica applicable	l waste (If ):	Not Applica	Not Applicable						
		STP Sludg sludge):	e (Dry	Used as ma handover to	nure wi o outsid	ithin le par	the premises ties or garde	for plants. ens.	Excess shall be sold or		
		Others if a	ny:	Not Applica	able						
		Location(s	):	On Ground							
Area requirement:		Area for the storage of waste & other material:		40 Sq. Mt.							
		Area for m	achinery:	20 Sq. Mt.	20 Sq. Mt.						
Budgetary	allocation	Capital cos	st:	22.50 Lakh							
(Capital co O&M cost)	st and	O & M cos	t:	3.00 Lakh/y	vear				5		
			<b>37.</b> E	filuent C	harec	ter	estics		~		
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestic	t cs	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	Not apj	plicable	Not applicable	Not ap	plicable	è	Not app	olicable	Not applicable		
Amount of effluent generation (CMD): Not applicable											
Capacity of	the ETP:	Not applica	able								
Amount of treated effluent Not app				t applicable							
Amount of v	water send to	o the CETP:	Not applica	able	5						
Membershi	p of CETP (if	require):	Not applica	able							
Note on ET	P technology	to be used	Not applic	able							
Disposal of	the ETP sluc	lge	Not applica	able							
			<b>38.</b> H	azardous	Was	te D	etails				
Serial Number	Descr	iption	Cat	UOM	Exist	ing	Proposed	Total	Method of Disposal		
1	Not app	plicable	Not applicable	Not applicable	No applic	t able	Not applicable	Not applicable	Not applicable		
			<b>39.S</b>	tacks em	issio	n De	etails				
Serial Number	Section	& units	Fuel U Qua	sed with ntity	Stack	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	-	-	Diesel- At = 27.4	100% Load 4Ltr/hr.			25.89				
			40.De	tails of <b>F</b>	<sup>r</sup> uel t	o be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed		Total		
1	Not	applicable	]	Not applicabl	е	N	lot applicable	e	Not applicable		
41.Source of	of Fuel		Not	applicable							
42.Mode of	Transportat	ion of fuel to	site Not a	applicable							

Nakendra Toke)			(M. M. Adtani)
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<table-container>          Image: Problem in the series of t</table-container>											
No         No         No         Name         Nam			Total RG a	rea :	Green area	on Ground: 4037.00 Sq.	Mt.				
<table-container>          Asserve between the probability of probab</table-container>	43.Green Belt Development		No of trees	s to be cut	Existing Tre	Existing Trees: 10 Nos. Tree cut: 6 Nos.					
Develop         Initial of proposed native series         As mentione below           Initial for completion of completion of completion of completion series         5 Years           The Interformation completion of comple			Number of be planted	f trees to	Required Tr	Required Trees- 508 Nos. Proposed trees- 536 Nos.					
<table-container>Image: particular intervenceSpecial intervenceSpecial intervenceStatistic intervenceSpecial intervenceSpecial intervenceSemineNon-expecial intervenceSpecial intervenceSimilarNon-expecial intervenceSpecial intervenceSimilarNon-expecial intervenceSpecial intervenceSimilar intervenceSpecial intervenceSpecial intervenceSimilar intervenceSpecial intervenceSpecial intervenceSimilar intervenceSpecial intervenceSpecial intervenceSimilar intervenceSpecial intervenceSimilar intervenceSpecial intervenceSpecial intervenceSimilar intervenceSpecial intervence<th< td=""><td>List of pro native tree</td><td>posed es :</td><td>As mentione</td><td colspan="6">As mentioned below</td></th<></table-container>			List of pro native tree	posed es :	As mentione	As mentioned below					
44.Number and Ust of trees subjects to be plant with equal to the plant of the pl			Timeline f completion plantation	Timeline for completion of plantation :							
Serial NumberName of the plantCommon NameQuantityCharacteristics & ecological innortance1Mimusops elengiBakul32Medium sized pregreen tree. Beautiful white flowers.2Nyctanthes arbor- tristisParijatak30Small deciduous tree. Flowers yellow.3Cassia fistulaBahava29Small deciduous tree. Flowers yellow.4Putranjiva roxburghiiPutranjiva32Small deciduous tree. Flowers yellow.5Lagerstromia speciosaTahman20Small sized evergreen tree. Beautiful greenish yellow flowers.6Saraca asokaSeeta ashok22Small sized evergreen tree. Flowers reddish orange.7Terminilia arjunaArjun28Large deciduous tree. Flowers small, yellow.8RubberHevea brasiltensts22Large deciduous tree. Flowers cream yellow.9KadambAnthocephallus cadanba20Large evergreen tree. Flowers white.10Rakta kanchanPorocarpus santalinus30Large evergreen tree. Flowers white.11Pivla kanchanBauhinia racemosa31Small sized deciduous tree. Flowers small & green.13Fishtal'palmCaryota urens25Large sized evergreen tree. Flowers small & green.14NeemAzadirachta indica2415KaranjMillita pinnata2616UmbarFicus glomerata22Iarge greinen.17ShivanGmelina		<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be planted	d in the ground				
1Minusops elengiBakul32Medium sized evergreen tree. Boautitut white flowers.2Nyctanthes arbor tristisParijatak30Small deciduous tree. Flowers white with orange petal tube.3Cassia fistulaBahava29Small sized evergreen tree. Beautitul greenish yellow flow flow flowers.4Putranjiva roxburghiPutranjiva20Small sized evergreen tree. Beautitul greenish yellow flow flow flowers.5Lagerstromia speciosTahman20Small to medium sized. Flowers with white to purple petals6Saraca asokaSeeta ashok22Small sized evergreen tree. Flowers redish orange.7Terminilia arjunaArjun28Large deciduous tree. Flowers small, yellow.9KadambAufnocephallus eadanha20Large deciduous tree. Flowers creamish white.10Rakta kanchanPerocarpus santalina30Large evergreen tree. Flowers small sized deciduous tree. Flowers smal	Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
2Nyctanthes arbor- tristisParijatak30Small deciduous tree. Flowers winfer with orange petal tube.3Cassia fistulaBahava29Small deciduous tree. Flowers yellow.4Putranjiva roxburghiiPutranjiva32Small sized evergreen tree. Beautiful greenish yellow flowers.5Lagerstromia speciosaTahman20Small sized evergreen tree. Flowers redishs orange.6Saraca asokaSeeta ashok22Small sized evergreen tree. Flowers redishs orange.7Terminilia arjunaArjun28Large deciduous tree. Flowers 	1	Mimusoj	ps elengi	Ba	kul	32	Medium sized evergreen tree. Beautiful white flowers.				
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10Rakta kanchanPterocarpus santalinus30Large deciduous tree. Flowers yellow11Pivla kanchanBauhinia racemosa31Small sized deciduous tree. Flowers white.12MangoMangifera indica22Large sized evergreen tree. Flowers small & green.13Fishtail palmCaryota urens25Large palm. Male flowers red, 	9	Kad	amb	Anthoce cada	ephallus umba	25	Large evergreen tree. Flowers creamish white.				
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16UmbarFicus glomerata2217ShivanGmelina Arborea27Fast growing tree with beautiful yellow flowers.18NandrukFicusretusa29Medium sized, shady, evergreen tree.19KuntiMurraya Paniculata33Small tree, Fragrant white flowers20ShirishAlbizzia lebbeck27Shady, large, fast-growing evergreen tree, Ball shaped flowers.	15	Kai	ranj	Millttia	pinnata	26					
17ShivanGmelina Arborea27Fast growing tree with beautiful yellow flowers.18NandrukFicusretusa29Medium sized, shady, evergreen tree.19KuntiMurraya Paniculata33Small tree, Fragrant white flowers20ShirishAlbizzia lebbeck27Shady, large, fast-growing flowers.	16	Um	ıbar	Ficus gl	omerata	22					
18NandrukFicusretusa29Medium sized, shady, evergreen tree.19KuntiMurraya Paniculata33Small tree, Fragrant white flowers20ShirishAlbizzia lebbeck27Shady, large, fast-growing evergreen tree, Ball shaped flowers.	17	Shi	van	Gmelina	Arborea	27	Fast growing tree with beautiful yellow flowers.				
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20 Shirish Albizzia lebbeck 27 Shady, large, fast-growing evergreen tree, Ball shaped flowers.	19	Ku	Inti	Murraya l	Paniculata	33	Small tree, Fragrant white flowers				
	20	Shi	rish	Albizzia	lebbeck	27	Shady, large, fast-growing evergreen tree, Ball shaped flowers.				

Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 116 Meeting Date: October 10, 2019	Page 38 of 114	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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21	То	otal		5	36	
45	.Total qua	ntity of plants on	ground			
46.Num	nber and	list of shrub	s and bush	es species	to be pl	anted in the podium RG:
Serial Number		Name	C/C Dis	tance		Area m2
1		Mogra	2 f	-		65.50
2	Sp	ider Lilly	1f	•		66.20
3	Nis	hi gandha	1f	•		71.36
4	Acy	ylpha Red	2 f	-		75.32
5	Ixora	a Miniature	1.5	t.		80.86
6	Al	lamanda	2 f	-		77.54
7	Fir	e cracker	1.5	t.		85.67
8	Ca	nna dwarf	1 f	-		88.75
9	]	Nerium	2 f	-		86.84
10	Ix	ora Pink	1.5	ft.		82.45
11	Drace	na Mahatma	1 f	-		92.67
12	Allar	nanda Pink	2 f	-		69.82
13		Pentas	1 f	-		90.57
14	Purp	ole secretia	1 f	-		96.76
			47.1	Energy		
		Source of power supply :	r MSEDCL			
		During Constru Phase: (Demano Load)	d 100 KW			
		DG set as Power back-up during construction ph	r 82.5 kVA			
5		During Operation phase (Connect load):	on ed 1647.47	άW		
Pov require	ver ement:	During Operation phase (Demand load):	on 1196.55	τW		
		Transformer:	630 kVA	X 2 Nos. + 315	5 kVA X 1 No	)S.
	C Y	DG set as Power back-up during operation phase	r 125 kVA	X 2 Nos.		
		Fuel used:	HSD			
		Details of high tension line pas through the plo any:	ssing t if			
		48.Energy	saving by n	on-convei	ntional m	nethod:
Reduction in 1. Use of LE 2. Stair-case 3. Use of Sc 4. Street Lie	n consumpti ED lamps for e, Lift lobby, llar Panels fo ghts	on by using Energ common area (op Passage parking i or Hot Water	y Saving Measur en space) Lightings	2:		

Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 116 Meeting Date: October 10, 2019	Page 39 of 114	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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		49	9.Detail	calculat	ions &	x % of saving	g:		
Serial Number	Energy Conservation Measures						Saving %		
1		Solar v	vater heater				14.41%		
2		PV CE	ELL 11.91%				11.91%		
3		Annual Sav	ing only by	Solar			26.32%		
50.Details of pollution control Systems									
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed		
Not applicable		Not	applicable				Not applicable		
Budgetary	ry allocation al cost and 78.31 Lakh						0		
(Capital O&M	cost and cost):	O & M cost	- e . e	3.91 Lakh/	year		000		
51	.Enviro	onment	al Mar	nageme	ent p	lan Budg	etary Allocation		
	-	a) (	C <mark>onstru</mark> o	ction pha	ase (v	vith Break-u	p):		
Serial Number	Attri	butes	Para	neter		Total Cost p	eer annum (Rs. In Lacs)		
1	PI	PE	-	-			5.00		
2	Site Sanitat	tion Facility	-	-			4.0		
3	Drinking w	ater facility	-	-			2.0		
4	Solid Manag	Waste Jement	-	-			2.5		
5	Safety platform, la Crane	railing, dder, hoist, es etc.	-	-			6.0		
6	House	keeping	-	-	~		2.0		
7	Health	Check					1.0		
8	Enviror Monit	nmental toring					1.5		
9	Anti-rusting foundation	g coating on steel bars	0	-			5.0		
		b	Operat	ion Phas	se (wi	th Break-up	):		
Serial Number	Comp	onent	Descr	iption	Сарі	tal cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Rechar	rge Pits	-	-		33.00	1.32		
2	Sewage 7 Plant	reatment (STP)	-	-		75.00	3.00		
3	Solid Manag	waste jement	-	-		22.00	3.00		
4	Lands	caping	-	-		50.00	15.00		
5	Solar l	ighting	-	-		78.31	3.91		
6	DN	ЧР	-	-		200.71	15.50		
51.S	torage	of che	micals	(inflar subst	nabl ance	e/explosiv s)	/e/hazardous/toxic		

Navendra Toke)

Description	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation				
Not applicable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable				
		52.A	ny Ot	her Info	rmation	1						
No Information Availab	ble											
		53.	Traffi	c Manag	gement			\				
	Nos. of t to the m design o confluer	the junction tain road & of nce:	2				3	5				
	Number basemer	and area of nt:	NA									
	Number podia:	and area of	NA									
	Total Pa	Total Parking area:		3121.50 Sq. Mt.								
	Area per	r car:	13.75	13./5								
	Area per	Area per car:										
Parking details:	Wheeler approve compete authorit	Wheelers as approved by competent authority:		Required: 142 Proposed: 142								
	Number Wheeler approve compete authorit	of 4- rs as d by ent y:	Required: 227 Proposed: 227									
	Public T	ransport:	Panvel railway station									
	Width or roads (n	f all Internal n):	6 Mtrs.									
	CRZ/ RR obtain, i	Z clearance if any:	Not Applicable									
S	Distance Protecte Criticall areas / H areas/ in boundar	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		Not Applicable								
	Categor schedule Notifica	y as per e of EIA tion sheet	8 (a) B2									
	Court ca if any	ises pending	Not Ap	plicable								
	Other R Informa	elevant tions	Not Ap	plicable								

	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 was absent;	hence the project	is deferred.							
	DE	CISION OF SEAC							
<b>PP was absent;</b> Specific Conditions b	hence the project	is deferred.							
	FINAL	RECOMMENDATION							
	SEAC-II decided to defe	er the proposal.Kindly find SEAC decision above.							
S									

(Narendra Toke) Shri Narendra Toke (Secretary SEAC-II)

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SEAC Meeting No: 116 Meeting Date: October 10, 2019 Page 42 of 114 SEAC-II)

Yellon:

# Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 116 Meeting Date October 10, 2019

**Subject:** Environment Clearance for Proposed project on plot bearing CTS No. 533 (pt), 533/1, 533/2(pt) to & 553 /3 (pt) of village Nahur, L. B. S. Road, Mulund (W), T- Ward

Is a Violation Case: No						
1.Name of Project	Proposed project on plot bearing CTS No. 533 (pt), 533/1, 533/2 (pt) to & 553/3 (pt) of village Nahur, L. B. S. Road, Mulund (W), T- Ward					
2.Type of institution	Private					
<b>3.Name of Project Proponent</b>	M/s. Kalpataru Ltd.					
4.Name of Consultant	M/s. Enviro Analyst and Engineers Pvt. Ltd.					
5.Type of project	Housing project					
6.New project/expansion in existing project/modernization/diversification in existing project	New project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project						
8.Location of the project	Proposed project on plot bearing CTS No. 533 (pt), 533/1, 533/2 (pt) to & 553/3 (pt) of village Nahur, L. B. S. Road, Mulund (W), T- Ward					
9.Taluka	Mulund					
10.Village	Nahur					
Correspondence Name:	Ms. Priti Kataria					
Room Number:	101,					
Floor:	10th Floor					
Building Name:	Kalpataru Synergy					
Road/Street Name:	Opp. Grand Hyatt					
Locality:	Vakola, Santacruz (E)					
City:	Mumbai					
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai					
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: -					
	Approved Built-up Area:					
13.Note on the initiated work (If applicable)						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	15350.76					
16.Deductions	0.00					
17.Net Plot area	15350.76					
10 (a) Draw and Dath and Area (FCI 6	a) FSI area (sq. m.): 51808.82					
Non-FSI)	b) Non FSI area (sq. m.): 68674.436					
	c) Total BUA area (sq. m.): 120483.256					
10 (b) American d Davits and a second	Approved FSI area (sq. m.):					
DCR	Approved Non FSI area (sq. m.): -					
	Date of Approval: 01-01-1900					
19.Total ground coverage (m2)	6061.81					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	39.48					
21.Estimated cost of the project	501000000					



	22.Number of buildings & its configuration									
Serial number	Buildir	Building Name & number Number of floors Height of the building								
1		Tower 1 & 2		[2 Baseme 1st to 4th 5th amen 38	ents + Gr. floor / stilt + podiums/ part Resi. + ity/ part Resi. +6th to th Resi. Floors]	119.90				
2		Tower 3		Gr. floor/ Stilt + 1st to 38th Resi. Floors 119.90						
3		Club House		Ground floor 3.40						
23.Number tenants an	r of d shops	Resi. Teneme	ents : 596 N	los.						
24.Number expected r users	r of esidents /	Residents : 3	Residents : 3073 Nos.							
25.Tenant per hectar	density e	2210				3				
26.Height building(s)	26.Height of the building(s)									
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the puilding(s)	30.50 mt. L.	B. S. Road		00	<b>S</b>				
28.Turning for easy ac fire tender movement around the excluding for the pla	g radius ccess of from all building the width ntation	9.0 mt.		.0						
29.Existing	g (s) if any	NA								
30.Details demolition disposal (I applicable	of the with f )	-	G							
		CAY	31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not ap	plicable	Not app	olicable	Not applicable	Not applicable				
	5	3	2.Tota	l Wate	r Requireme	nt				



		Source of	water	MCGM/ Red	cycled water					
		Fresh wate	er (CMD):	277						
		Recycled w Flushing (	vater - CMD):	138						
		Recycled w Gardening	vater - (CMD):	31						
		Swimming make up (	pool Cum):	-						
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	446						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	As per CFO	NOC			9		
		Fire fightin Overhead tank(CMD)	ng - water ):	As per CFO	NOC		0	3		
		Excess trea	ated water	155						
		Source of v	water	MCGM/ Red	cycled water					
		Fresh wate	er (CMD):	277						
		Recycled w Flushing (	vater - CMD):	138						
		Recycled w Gardening	vater - (CMD):							
		Swimming make up (	pool Cum):	-						
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	415						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	As per CFO	NOC					
		Fire fightin Overhead tank(CMD	ng - water ):	As per CFO	NOC					
		Excess tre	ated water	186						
Details of pool (If an	Swimming y)	- ()								
		3	<b>3.Detail</b>	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:	Below 5.0 m
	Size and no of RWH tank(s) and Quantity:	-
	Location of the RWH tank(s):	-
34.Rain Water Harvesting	Quantity of recharge pits:	10 Nos.
(RWH)	Size of recharge pits :	10 Nos.
	Budgetary allocation (Capital cost) :	40.0 Lacs
	Budgetary allocation (O & M cost) :	0.50 Lacs/ annum
	Details of UGT tanks if any :	-
25 Storm water	Natural water drainage pattern:	
drainage	Quantity of storm water:	Estimated max. discharge - 0.612 Cum/sec.
	Size of SWD:	Avg. width - 600 mm, Avg. Depth - 800 mm
	Sewage generation in KLD:	360 KLD
	STP technology:	MBR
Sewage and	Capacity of STP (CMD):	STP of 390 KLD capacity
Waste water	Location & area of the STP:	Basement
	Budgetary allocation (Capital cost):	65.00 lakhs
	Budgetary allocation (O & M cost):	15.60 lacs/ annum
	36.Soli	d waste Management
Waste generation in the Pre Construction	Waste generation:	Excavation material partly reused on site for backfilling and leveling and remaining disposed by vendors.
and Construction phase:	Disposal of the construction waste debris:	Debris will be used for backfilling and counterweight of raft, roadworks, etc. Brickbats will be used for waterproofing. Reinforcement will be sent for reuse.Excess debris shall be disposed of by means of vendors
	Dry waste:	615 Kg/ day
	Wet waste:	922 Kg/ day
Waste generation	Hazardous waste:	-
in the operation Phase:	Biomedical waste (If applicable):	-
	STP Sludge (Dry sludge):	36 Kg/ day
	Others if any:	-



		Dry waste:		Handed ove	er to vend	ors	for recycline	a			
		Wet waste	:	To be treate	To be treated by OWC						
		Hazardous	waste:	NA	NA						
Mode of of waste:	Disposal	Biomedica applicable	l waste (If ):	NA	NA						
		STP Sludg sludge):	e (Dry	-							
		Others if a	ny:	-							
		Location(s	):	Basement							
Area requirem	ent:	Area for th of waste & material:	e storage other	80 sq. mt. (	80 sq. mt. (including machinery , storage of waste and other materials.)						
		Area for m	achinery:	80 sq. mt. (	including	ma	chinery , sto	rage of wa	ste and other materials.)		
Budgetary	allocation	Capital cos	st:	12.50 Lacs							
O&M cost)	st and	O & M cos	t:	3.20 Lakhs/	annum (				5		
			37.Ef	fluent C	harecte	ere	estics				
Serial Number	Paran	neters	Unit	Inlet E Charect	affluent cerestics		Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)		
1	Not app	plicable	Not applicable	Not ap	plicable		Not app	olicable	Not applicable		
Amount of effluent generation (CMD): Not appli				applicable							
Capacity of the ETP: Not applica				able							
Amount of treated effluent Not applica				ble							
Amount of v	water send to	o the CETP:	Not applica	ble	5						
Membershi	p of CETP (if	require):	Not applica	ble							
Note on ET	P technology	v to be used	Not applica	plicable							
Disposal of	the ETP slud	lge	Not applica	ble							
			<b>38.H</b> a	zardous	Waste	D	etails				
Serial Number	Descr	iption	Cat	UOM	Existin	g	Proposed	Total	Method of Disposal		
1	Not app	plicable	Not applicable	Not applicable	Not applicab	le	Not applicable	Not applicable	e Not applicable		
			<b>39.S</b>	acks em	ission	De	etails				
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack N	0.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	1 Not applicable Not app			plicable	Not applicab	le	Not applicable	Not applicable	e Not applicable		
			40.De	tails of <b>F</b>	uel to	be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed		Total		
1	Not	applicable	1	Not applicabl	e	Ν	ot applicabl	е	Not applicable		
41.Source of	of Fuel		Not a	pplicable				•			
42.Mode of	Transportat	ion of fuel to	site Not a	applicable							

- Ale (Narendra Toke)			(M. M. Adtani)
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		Total RG a	rea :	3	8837.69 sq.	mt.			
43.Green Belt		No of trees	s to be c	ut 3	35 Nos.				
		Number of be planted	trees to	A	As per NOC	from tree A	uthoriry		
Develop	ment	List of pro native tree	posed s :	-					
		Timeline for completion of plantation :		А	At the end o	of constructi	on phase		
	44.Nu	mber and	l list o	of tre	ees spe	cies to b	e plante	d in the ground	
Serial Number	Name of	the plant	Com	mon	Name	Qua	ntity	Characteristics & ecological importance	
1		-		-			-		
45	.Total qua	ntity of plan	its on gr	round	l			0.2	
46.Num	ber and	list of sl	irubs	and	bushes	species	to be pl	anted in the podium RG:	
Serial Number		Name			C/C Dista	nce		Area m2	
1		-							
					47.Er	nergy			
		Source of power supply :			ASEDCL		9		
		During Construction Phase: (Demand Load)			.50 kW (Es	timated)			
		DG set as Power back-up during construction phase							
Dee		During Operation phase (Connected load):			431 kW				
require	ement:	During Op phase (Der load):	eration nand	2	225 kW				
		Transform	er:	А	As per the r	equirement	of Supply A	gency	
		DG set as back-up du	Power ıring phase:	D	OG Sets of o	cumulative c	apacity of 1	000 KVA	
	5	Fuel used:		D	Diesel				
		Details of tension lin through th any:	high le passin le plot if	ng f					
		<b>48.Ene</b>	ergy sa	ving	g by noi	n-conver	tional n	nethod:	



• Energy efficient LED, T5 tube light which give more light output for the same watts consumed and therefore require less nos. of fixtures

• Equipment efficiency standard power factor will be maintained between 0.95 and unity for major equipment like Lift, STP etc. This will reduce electrical power distribution losses in the installation.

• Timer based lighting for parking areas.

Motion Sensor and timers in staircases.

• Use of VFD drives in lifts.

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• Habitable areas are well ventilated and are with natural light

• Recommending the benefits of adopting BEE 5 star rated electrical appliances to the customers to increase energy savings.

	49.Detail calculations & % of saving:											
Serial Number	E	Energy Co	nservation M	easures		Saving %						
1			As above					15 %	_			
	50.Details of pollution control Systems											
Source	Ех	cisting po	llution contro	l syster	n		Proposed	to be install	ed			
Not applicable		Ν	ot applicable				Not	applicable				
Budgetary	allocation	Capital	c <b>ost:</b>	11.10 I	Lacs							
(Capital O&M	cost and cost):	0 & M c	ost:	0.20 La	ac/ annum							
51	.Envir	onmei	ntal Mar	nage	ment p	olan Bı	udgetar	y Alloca	ation			
		a	) Construc	c <b>tion</b>	phase (v	with Bre	ak-up):					
Serial Number	Attri	butes	Para	meter		Total	Cost per anı	um (Rs. In I	Lacs)			
1	Dust Se	paration		-			2.5	0				
2	Enviro moni	nmental toring			SK		1.5	60				
3	Site Sa	nitation				1.00						
4	disinf	fection				0.60						
5	Health	check up				1.11						
			b) Operat	ion P	hase (wi	th Brea	k-up):					
Serial Number	Comp	onent	Descr	iption	Cap	Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr)						
1	S	TP		- 65.00			15.60					
2	Rain water	Harvestin	ıg	-		40.00 0.50						
3	Treatme degrada	nt of Bio- ble waste		-		12.50		3.20	)			
4	Envt. M	onitoring		-		-		1.50	)			
5	Solar P	V system		-		11.10		0.20	)			
51.S	torage	of ch	emicals	(infl	amabl	e/expl	osive/h	azardou	s/toxic			
				Sub	Stallte	<b></b> .	1					
Description Status		Locatio	cation Capacity in MT		Maximum Quantity of Storage at any point of time in MT	Consumptio / Month in MT	on Source of Supply	Means of transportation				
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Not applicable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
		52.A	ny Other Information								
No Information Availab	ole										
		53.	Traffi	c Manag	gement						
	Nos. of t to the m design o confluer	the junction ain road & of nce:	One en	try and exit							
	Number basemer	and area of nt:	2 Base	ments							
	Number podia:	and area of	Stilt an	nd 4Podiums	s for parking	J	0				
	Total Pa	rking area:	37115.	695 sq. mt.							
	Area per	r car:	39.00 s	sq. mt.							
Parking details:	Area per Number Wheeler approve compete authorit	of 2- s as d by ent y:	39.00 s	sq. mt.		100					
	Number Wheeler approve compete authorit	of 4- s as d by ent y:	957 nos.								
	Public T	ransport:	-								
	Width of roads (n	f all Internal n):	6.0 mt.								
	CRZ/ RR obtain, i	Z clearance f anv:	NA								
	Distance Protecte Criticall areas / I areas/ ir boundar	e from ed Areas / y Polluted Eco-sensitive ater-State ies	1.0 Km								
	Categor schedule Notifica	y as per e of EIA tion sheet	8 (a)								
	Court ca if any	ises pending	-								
	Other R Informa	elevant tions	-								
	Have you submitte Applicat on MOE	u previously ed ion online F Website.	7 No								
	Date of submiss	online ion	-								
SEAC	DISC	USSION	ON	ENVIR	ONME	ENTAL A	SPECT	S			
	Summorised in brief information of Project as below.										

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# Brief information of the project by SEAC

PP Vedvati Datar was present during the meeting along with environmental consultant.. M/s. Enviro Analyst and Engineers Pvt. Ltd.

PP informed that, the project under consideration is *new housing project. PP further stated that, t*he total plot area of the project is 15350.76 Sq.mt having total construction area 120483.256 Sq. mt. (FSI - 51808.82Sq.mt + NON FSI- 68674.436 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Tower 1 & 2	[2 Basements + Gr. floor / stilt + 1st to 4th podiums/ part Resi. + 5th amenity/ part Resi. +6th to 38th Resi. Floors]	119.90
Tower 3	Gr. floor/ Stilt + 1st to 38th Resi. Floors	119.90
Club House	Ground floor	3.40

It is noted that the project earlier considered in 112<sup>th</sup> meeting held on 17-09-2019 & deferred with observations namely. 1) to upload the full time employment certificate of the person representing the PP. 2) to submit the copy of order regarding sub-division of plot under consideration, else to apply for full likely potential (even may be conceptual plan) on the entire plot. 3) to revise the fire tender movement plan so that all flats of North East side will be access by fire engine. 4) to ensure that 40% area of STP tanks should be open to sky for adequate ventilation. 5) to upload the soil analysis report, which is submitted during presentation. 6) to ensure that, no natural drains, if any should not be diverted. Accordingly, PP submitted the compliance which was taken on record.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the

# **DECISION OF SEAC**



### In view of above, the proposal is deferred and shall be considered only after the compliance of below observations

**Specific Conditions by SEAC:** 

**1)** As the PP is insisting that instead of layout on whole plot, the layout on only proposed sub-divided portion 'A' of plot be appraised, it can be considered so if the PP undertakes on affidavit that (i) the sub-division will be got approved from competent Revenue/ Survey department and (ii) it will remain sub-divided so and will not be amalgamated with portions 'B' and'C' of the plot and (iii) sub-division is not being done to avoid seeking TOR and consequent presentation of EIA if becoming applicable.

2) PP to provide Fire hydrants on north and east side of podium along with necessary equipment and separate stair case which go direct to the podium for fire man.

3) PP to abide the CFO Conditions laid down vide letter dated 15/4/2019.

4) PP to submit the specific remarks from SWD department of the MCGM regarding diversion/changing of nalla is in accordance with the Brihanmumbai Stormwater Disposal System (BRIMSTOWAD) report prepared to avoid flooding/ water logging. If so, PP to submit the copy of report with maps with respect to this site.

5) PP to submit Contour and slope analysis in the project and 500 mtr around the project. Also PP to ensure that, no construction should carry put on 1:5 slope or more than 1:5

# FINAL RECOMMENDATION

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

(Navendra Toke) Shri Narendra Toke (Secretary SEAC-II)

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SEAC Meeting No: 116 Meeting Date: October 10, 2019



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# Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

## SEAC Meeting number: 116 Meeting Date October 10, 2019

**Subject:** Environment Clearance for PROPOSED SLUM REHABILITATION SCHEME ON PLOT BEARING C.T.S NO. 163-A (PT) OF VILLAGE AKURLI, SITUATED AT HANUMAN NAGAR, AKURLI ROAD, KANDIVALI (EAST), MUMBAI – 400 101.

Is a Violation Case: No					
1.Name of Project	Proposed Slum Rehabilitation Scheme On Plot Bearing C.T.S No. 163-A (Pt) Of Village Akurli, Situated At Hanuman Nagar, Akurli Road, Kandivali (East), Mumbai – 400 101.				
2.Type of institution	Private				
<b>3.Name of Project Proponent</b>	Mr. Devanshu Bansal				
4.Name of Consultant	M/s. Building Environment (I) Pvt. Ltd.				
5.Type of project	Residential Building				
6.New project/expansion in existing project/modernization/diversification in existing project	Redevelopment Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No				
8.Location of the project	Proposed Slum Rehabilitation Scheme On Plot Bearing C.T.S No. 163-A (Pt) Of Village Akurli, Situated At Hanuman Nagar, Akurli Road, Kandivali (East), Mumbai - 400 101.				
9.Taluka	Borivali				
10.Village	Kandivali				
Correspondence Name:	Mr. Devanshu Bansal				
Room Number:	C -5				
Floor:	Ground Floor				
Building Name:	Abhishek				
Road/Street Name:	Dalia Industrial Estate, Andheri Link Road				
Locality:	Andheri, (West).				
City:	Mumbai 400053				
11.Whether in Corporation / Municipal / other area	MCGM				
	SRA/ENG/3788/RS/MHL/AP				
Approval Number	IOD/IOA/Concession/Plan Approval Number: SRA/ENG/1294/RS/MHL/LOI 03.11.2017				
	Approved Built-up Area: 90653				
13.Note on the initiated work (If applicable)	Sale:-B wing plinth completed(Arch certificate attached) SRA:-Plinth completed (Arch certificate attached)				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	13508.5 sq.m				
16.Deductions	2441.57 sq.m				
17.Net Plot area	11066.93 sq.m				
10 (c) Bron and Built an Area (ECLS	a) FSI area (sq. m.): 69362.894 sq.m				
Non-FSI)	<b>b) Non FSI area (sq. m.):</b> 63138.559 sq.m				
	c) Total BUA area (sq. m.): 132501.453				
	Approved FSI area (sq. m.): 64999.06 sq.m				
DCR	Approved Non FSI area (sq. m.): 25654.76 sq.m				
	Date of Approval: 30-11-2017				
19.Total ground coverage (m2)	4148.5319 sq.m				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	37%				
21.Estimated cost of the project	275000000				

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	22.Number of buildings & its configuration										
Serial number	Buildin	ng Name & number	Nu	mber of floors	Height of the building (Mtrs)						
1	R	ehab Building	Ground	+ 23rd upper floors	70.90 M						
2	Sale	e Building wing A	Ground + 2 to 3	1st to 4th podium + 5th 7th upper floors	118.05 M						
3	Sale	e Building wing B	Ground + 31	1st to 4th floor + 5th to 1st upper floor.	100.65 M						
4	Sale E	Building wing C - D	Ground + 3	1st to 4th floor + 5th to 1st upper floor	100.65 M						
5	Sale I	Building wing E - F	Ground +	1st to 4th floor + 5th to 1st upper floor	115.15 M						
23.Number of tenants and shops Sale – Flats – 1022, Society Office – 1, Gym- 6, Shop – 21, Commercial Office - 21 Rehab – Flats – 712, welfare – 3, Balwadi – 3, Amenity – 6, Society Office – 8, Shop – 46, Commer Office – 1, Community Hall – 1.					ial Office - 21 ice - 8,Shop - 46, Commercial						
24.Number expected r users	r of esidents /	Sale Building - 5195 95 Society Office) Rehab F welfare/Balwadi/Ameni	5 person for e Building – 369 ty, 2 persons	each flats, 2 persons for e 08 (5 persons for each fla for each Shops/Office, 1	ach Shops/office, 1 person for ts, 3 persons for each person for Society office)						
25.Tenant per hectar	<b>density</b> e	1370									
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)	18.30 mts									
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	12-9 M									
29.Existing structure (	J (s) if any	102 (Existing structure	)								
30.Details demolition disposal (I applicable	of the with f	1324 Bras Demolition V designated unloading s Phata to Junction of NF leveling	Vaste to. the ite at Earth t I-348A and Po	extent of 2100Brass X 2. 1lling in area between Ra ort road in JN Port (Part 2	83 = 5,943Cu.Mtr only to ail Line and NH-348A from Dastan- A & B). 776 Bras used for site						
	GY	31.1	Product	tion Details							
Serial Number	Pro	duct Existing	J (MT/M)	Proposed (MT/M)	Total (MT/M)						
1	Not ap	plicable Not ap	plicable	Not applicable	Not applicable						
	32.Total Water Requirement										



		Source of	water	MCGM								
		Fresh wate	er (CMD):	Rehab – 326 KLD Sale – 461 KLD								
		Recycled w Flushing (	vater - CMD):	Rehab - 162	2 KLD Sale –	230 KLD						
		Recycled w Gardening	vater - (CMD):	Rehab - 3.1	4 KLD Sale -	- 2.44 KLD						
		Swimming make up ((	pool Cum):	0								
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	Rehab - 326	Rehab - 326 KLD Sale – 461KLD							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Rehab - 200	) KLD Sale -	300 KLD		9				
		Fire fightin Overhead v tank(CMD)	ng - water ):	Rehab- 100	KLD Sale - 2	200KLD	C	3				
		Excess trea	ated water	Rehab- 155	.5 KLD Sale	- 233.1 KLD						
		Source of v	water	MCGM								
		Fresh wate	er (CMD):	Rehab - 326	6 KLD Sale –	461 KLD						
		Recycled w Flushing (	vater - CMD):	Rehab – 162 KLD Sale – 230 KLD								
		Recycled w Gardening	vater - (CMD):	Rehab – 0 K	LD Sale - 0	KLD						
		Swimming make up ((	pool Cum):	0								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	Rehab - 326	KLD Sale -	461 KLD						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Rehab- 200	KLD Sale - 3	800 KLD						
		Fire fightin Overhead v tank(CMD)	ng - water ):	Rehab- 100 KLD Sale – 200 KLD								
		Excess trea	ated water	Sale – 235.5 KLD Rehab – 158.4 KLD								
Details of pool (If an	Swimming y)	20000 Liter 6000 Liters 9000 Liters	s Kid's Pool Balancing T Filtration Ta	& 60000 Lite ank (1.9m x ank (2m X 3n	ers Pool with 2.5m x 1.9m n x 3m Deptl	Depth) & n)						
		3	3.Detail	s of Tota	l water o	onsume	d					
Particula rs	Cons	sumption (C	MD)	]	Loss (CMD)		Ef	fluent (CM	D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			

	Level of the Ground water table:	6 m to 33 m				
	Size and no of RWH tank(s) and Quantity:	NA				
	Location of the RWH tank(s):	NA				
	Quantity of recharge pits:	2 nos.				
34.Rain Water	Size of recharge pits :	Length – 1.5 m, width –1.5 m, Depth – 2m				
(RWH)	Budgetary allocation (Capital cost) :	Rehab – 1 Lakh Sale - 1 Lakh				
	Budgetary allocation (O & M cost) :	Rehab - 0.10 Lakh Sale - 0.10 Lakh				
	Details of UGT tanks if any :	Rehab Fire tank - 200 KLD Domestic - 326 KLD Flushing Tank - 162 KLD Sale - Fire tank - 300 KLD Domestic - 461 KLD Flushing Tank - 230 KLD				
	Natural water drainage pattern:	Natural water drainage pattern: Storm Water drains (SWD) are laid at a slope of 1: 200 to the municipal storm water line.				
35.Storm water drainage	Quantity of storm water:	Sale - 0.071 cum/sec Rehab - 0.023 cum/sec				
	Size of SWD:	Rehab - Size of SWD 450mm Wide with 450 mm depth Sale - Size of SWD 600mm Wide with 600 mm depth				
	Sewage generation in KLD:	Rehab – 45 KLD Sale - 65 KLD				
	STP technology:	MBBR				
Sewage and	Capacity of STP (CMD):	Rehab – 450 KLD Sale – 650 KLD				
Waste water	Location & area of the STP:	Rehab – Below Ground Sale – Below Ground				
	Budgetary allocation (Capital cost):	Rehab – 94 Lakh Sale – 1.38 Crore				
	Budgetary allocation (O & M cost):	Rehab – 4 Lakh Sale – 6 Lakh				
$\mathcal{P}$	36.Solie	d waste Management				
	Waste generation:	Top Soil – 600 cum. Excavated Material – 3710 cum. Empty Cement Bags – 3,00,000 bag Paint container & other Barrels – 2977 Empty Cans Scrap metal generated – 233 tonnes Tiles – 9210 sq.m				
Waste generation in the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Top Soil – To be stockpiled for further use in landscaping, Excavated Material – Around 30% shall be used on site & rest shall be disposed off as per debris, Empty Cement Bags – Will be handed over to recycler. Paint container & other Barrels – Will be sold reuse. Scrap metal generated – 100 % will be sold for recycling Tiles – Waste tiles will be used for skirting. Broken pieces will be used for china mosaic waterproofing of Terraces				



		Dry waste:		Rehab - 72	8 kg/day, Sal	le - 1025 kg/	day		
		Wet waste	•	Rehab - 10	75 kg/day, S	ale – 1521 kợ	g/day		
wasta na	noration	Hazardous	waste:	NA					
in the op Phase:	eration	Biomedica applicable	l waste (If ):	NA					
	STP Sluc sludge):		e (Dry	Rehab – 45	KLD Sale - 6	65 KLD			
		Others if a	ny:	NA					
		Dry waste:		Hand over to Vendor					
		Wet waste	•	OWC					
		Hazardous	waste:	NA					
Mode of I of waste:	Disposal	Biomedica applicable	l waste (If ):	NA				8	
		STP Sludg sludge):	e (Dry	Used as Ma	nure		0		
		Others if a	ny:	NA					
		Location(s	):	Rehab - On	Ground Flo	or Sale - On	Ground Floor	r	
Area requirem	ent:	Area for th of waste & material:	ne storage other	Rehab – 71	Sqm Sale - 8	31 Sqm			
		Area for m	achinery:	9 Sqm					
Budgetary allocation Capital cos			st:	Rehab – 8 I	.akh Sale - 8	Lakh			
(Capital co O&M cost)	st and :	O & M cos	t:	Rehab – 60	Thousand Sa	ale - 60 Thou	Isand		
			37.Ef	fluent Charecterestics					
Serial				Inlet F	ffluent	Outlet	Effluent	Effluent discharge	
Number	Paran	neters	Unit	Charecterestics		Charecterestics		standards (MPCB)	
1	Not apj	plicable	Not applicable	Not applicable Not applicable Not applicable					
Amount of e (CMD):	effluent gene	eration	NA						
Capacity of	the ETP:		NA						
Amount of t recycled :	reated efflue	ent	NA						
Amount of v	vater send to	o the CETP:	NA						
Membershi	o of CETP (if	f require):	NA						
Note on ET	P technology	to be used	Not applica	able					
Disposal of	the ETP sluc	lge	Not applica	able					
	2		38.Ha	zardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1 Not applicable Not applicable				Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
			39.St	acks em	ission D	etails			
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	

Natendra Toke)			(M. M. Adtani)
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1	Not ap	oplicable Not app			olicable	Not Not applicable applicable		Not applicable	Not applicable		
			40	.De	tails of <b>H</b>	Fuel	to b	e used			
Serial Number	Type of Fuel				Existing Proposed			Proposed	Total		
1	Not	applicable		N	lot applicabl	le	Ν	lot applicabl	e	Not applicable	
41.Source	of Fuel			Not a	pplicable						
42.Mode of	Transportat	tion of fuel to	site	Not a	pplicable						
		Tatal DO			1100 70						
		No of trees	rea :	cut	1100.76 Sq	.m					
		:	s to ne	cui	17 Nos.					0	
		Number of be planted	f trees	to	91					3	
43.Gree Develop	n Belt ment	List of proposed native trees :			Neem, Ashu Jambhul (Ja Custard Ap Laburnum, Bougainvill Pride of Inc Cashewnut Copper Poo	oka, Pi amun), ple, Pu Golden ea, Go lia , Ch tree , l, Cora	pal, Ru Amla, Itranji Dewo Iden C Iampa Chines I Wooo	ui, Jaswand, Guava, Jack va, Agati , La Irop , Oleano Champak , Co (white), Cha se Fan Palm d Tree, Cyca	Tagar, Cha fruit, Banya al Zumbar, ler, Paper-C oral Creepe: ampa (red), , Christmas s	fa, Coconut, Umbar, an, Badam , Papaya, Royal palm, Indian Chase Tree , r , Camel's Foot tree, Geranium Tree, s Tree , Colville's Glory,	
Timeline for completion of plantation :					2 years						
	<b>44.Nu</b>	mber and	l list	of t	rees spe	cies	to b	e plante	d in the	ground	
Serial Number	Name of	the plant	Co	mmo	n Name		Qua	ntity	Charac	teristics & ecological importance	
1 Azardichta indica Ne			Nee	em		2	1	Neem is a resistant height of The tree medicinal Neen insecti storing g flowers Indian fess and flow eaten as a tree purif and mai chemicals	a fast-growing evergreen ce tree that can reach a 15-20 metres (49-66 ft). e in general is has high properties. Traditionally n leaves are used as cide and pesticide for grains and clothes. The are also used in many tivals . The tender shoots ers of the neem tree are vegetable in India Neem ies the surrounding area are it free from harmful . The temperature under neem tree is		
2 Polyalthia longifolia Ash			Ash	oka		2	1	is an eve planted d alleviating is know	ergreen tree, commonly ue to its effectiveness in noise pollution. The tree n to grow over 30 ft in height.		
3	Ficus religiosa Pi			Piŗ	bal		2	2	A large ti India and value. Als	tee considered sacred in is grown for its religious o used by many birds as roosting sites.	

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4	Calotropis Procera	Rui	1	Calotropis is a perennial xerophytic woody shrub that has a great capacity to inhabit abandoned lands, it tolerats poor soils with limited nutrition and moisture. It has an immense ecologic role being habitat for several organisms, displaying phytoremedy properties in contaminated soils and its ability to rehabilitate deserted land restoring that habitat
5	Hibiscus ros-sinensis	Jaswand	7	It is an Aerial, erect, cylindrical, woody and branched perennial shrub It is an ornamental plant and attracts many birds, butterflies
6	Tabernaemontana divaricata	Tagar	4	An evergreen shrub or small tree growing from 0.5 - 5 metres tall The plant can flower all year round. It is an ornamental plant with medicinal properties
7	Michelia champaca	Chafa	200	It is a large evergreen tree, known for its fragrant flowers and grows upto 50 metres (160 ft) or taller with a trunk of up to 1.9 metres (6.2 ft) in diameter. It is an ornamental plant which attract lot of birds and butterflies
8	Cocos nucifera	Coconut	4	The coconut tree is a palm thrives on sandy soils and is highly tolerant of salinity. Coconuts also need high humidity (at least 70-80%) for optimum growth. The coconut is ornamental as well as a economically important plant. Also many animals feed on the coconut.
9	Ficus racemosa	Umbar	2	Cluster fig is an evergreen or, in drier areas, deciduous tree, often with an irregular crown; it can grow 20 - 30 metres tall. The bole becomes deeply buttressed as the tree grows older and can be 36 - 90cm in diameter. It is often cultivated, both for its fruit and also as a shade tree in plantations and an ornamental tree in parks, large gardens. The fruits are a favourite staple of the common Indian macaque along with many bird species
10	Syzigium cumini	Jambhul (Jamun)	2	A slow growing species, it can reach heights of up to 30 m and can live more than 100 years. Its dense foliage provides shade and is grown just for its ornament. The leaves are used as food for livestock, as they have good nutritional value al value



11	Phyllanthus embelicus	Amla	2	The tree is small to medium in size, reaching 1–8 m (3 ft 3 in–26 ft 3 in) in height The light and medium heavy soils except purely sandy soil is ideal for amla cultivation. The fruit is edible and has medicinal values
12	Psidium guajava	Guava	1	This is an evergreen shrub or small tree and can grow to 33 feet but the average height of the tree is 10 feet to 15 feet. It is a hardy plant and can tolerate high temperatures and drought conditions but it is susceptible to severe frost. Guava is an edible fruit and can be eaten raw or cooked. The processing of the fruits yields by-products that can be fed to livestock. The leaves can also can be used as fodder and has medicinal value
13	Artocarpus heterophylla	Jackfruit		The jackfruit tree is well-suited to tropical lowlands, and its fruit is the largest tree-borne fruit, reaching as much as 55 kg in weight. It is 30 to 70 ft (9-21 m) tall
14	Ficus bengalensis	Banyan		Banyan trees can be large with sprawling multiple secondary trunks. Banyan tree fruits are popular with birds and monkeys, and also produces flowers that attract wasps for pollination. It is a large tree with a very big girth banyan tree is also used for medicinal purposes.
15	(Terminalia catappa)	Badam	1	The tree grows to 35 m (115 ft) tall, with an upright, symmetrical crown and horizontal branches. It is an ornamental tree, grown for the deep shade its large leaves provide
16	Carica papaya	Papaya	1	The papaya is a small, sparsely branched tree, usually with a single stem growing from 5 to 10 m (16 to 33 ft) tall, with spirally arranged leaves confined to the top of the trunk. It is grown for its edible fruit.
17	Sitafal	Custard Apple	1	The custard apple tree needs a tropical climate Height ranges from 15 to 35 ft (4.5-10 m). It is grown for its edible fruit which also attracts many birds and animals including bats
18	Putranjiva roxburghii	Putranjiva	5	Is a mostly dioecious, evergreen tree with pendant branches, attaining a height of up to c. 20m. and a girth of 2cm It grown a s ornamental plant and also attracts birds and small mammals

Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 116 Meeting Date: October 10, 2019	Page 60 of 114	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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19	Sesbania grandiflora	Agati	1	Is a small soft wooded fast-growing tree up to 3-8 m (10-26 ft) tall. It is an ornamental tree
20	Brownea coccinea	Lal Zumdar	1	Is a slow-growing, small tree upto 12-15 ft. grown for its ornamental properties
21	Roystonea regia	Royal palm	1	A large and attractive palm, it has been planted as an ornamental tree which reaches a height of 20–30 metres (66–98 ft) tall
22	Cassia fistula	Indian Laburnum	1	The golden shower tree is a medium-sized tree, growing to 10-20 m (33-66 ft) tall with fast growth. It is a popular ornamental plant and is also used in herbal medicine
23	Duranta plumieri	Golden Dewdrop	1	Is a sprawling shrub or (infrequently) a small tree. It can grow to 6 m (20 ft) tall and can spread to an equal width.It is an ornamental plant and attracts many birds and butterflies
24	Nerium Odorum	Oleander		Oleander is a shrub or small tree grows to 2-6 m (6.6-19.7 ft) tall, with erect stems that splay outward as they mature Oleander is one of the most poisonous commonly grown garden plants.
25	Mussanda Clabrata	Paper-Chase Tree	1	Mussaenda species is an ornamental plant very attractive to birds & butterflies due to its strinking flower color.It is hardy and grow in cooler subtropical districts (such as Sydney) in sheltered spots. Mussaendas generally grow 1.5 to 2.5 metres (5 to 8 feet) tall in cultivation. They benefit from a light annual pruning
26	Bougainvillea Glabra	Bougainvillea	2	Bougainvillea glabra is an evergreen, climbing shrub with thorny stems. It usually grows 3-4m (10–12feet) tall, occasionally up to 9m (30 feet). They tend to flower all year round and grown as an ornamental plant for roads, gardens
27	Ochna Squarrosa	Golden Champak	3	is a small growing deciduous plant (or shrub) that can reach in between 5-8 ft in height. It is a single stem plant having branched at the top. It is an ornamental plant with attractive flowers
28	Antigonon Leptopus	Coral Creeper	4	It is a fast-growing Tuberous rooted woody climbing vine that holds on via tendrils, and is able to reach 25 ft or more in length. Grown for its ornamental value due to its attractive flowers

29	Bauhinia Blackanea	Camel's Foot tree	3	Bauhinia trees typically reach a height of 6-12 m and their branches spread 3-6 m outwards. Grown for its ornamental value due to its attractive flowers
30	Lagerstroemia flos reginae	Pride of India	4	It is a small to medium-sized tree growing to 20 metres (66 ft) tall, with smooth, flaky bark. Grown for its ornamental value due to its attractive flowers
31	Plumeria alba	Champa (white)	2	is a fast-growing, medium-sized, deciduous, sub-canopy tree with an upright, round crown The tree usually grows 15 metres tall or more, with some specimens up to 26 metres. Grown for its ornamental value due to its attractive flowers.
32	Plumeria rubra	Champa (red)	1	It grows as a spreading tree to 7-8 m (23-26 ft) high and wide, and is flushed with fragrant flowers. Grown for its ornamental value due to its attractive flowers
33	Cordia Sebestena	geranium tree		grows to a maximum height of 25-30 feet at maturity, with a nearly equal spread. The crown is round to vase-shaped. Flowers are produced in clusters at branch ends throughout the year. Grown for its ornamental value due to its attractive flowers
34	Anacardium occidentale	Cashewnut tree	2	is a tropical evergreen tree that produces the cashew nut which has high economic value. It can grow as high as 14 m (46 ft), but the dwarf cashew, growing up to 6 m (20 ft),
35	Livistona chinensis	Chinese Fan Palm	2	It is a solitary palm species and the Trunk grows to 15 m tall, 20-30 cm in diam. Grown for its ornamental look
36	Araucaria sp.	Christmas Tree	3	Araucaria are mainly large trees with a massive erect stem, reaching a height of 5-80 metres (16-262 ft). The horizontal, spreading branches grow in whorls and are covered with leathery or needle-like leaves. Grown for its ornamental look
37	Colvillea racemosa	Colville's Glory	2	The tree is particularly known for its bright orange flowers that grow in large cone or cylinder shaped clusters fast growing tropical briefly deciduous tree that can reach 30 to 50 feet tall
38	Peltophorum pterocarpum	Copper Pod	4	It is a deciduous tree growing to 15-25 m (rarely up to 50 m) tall, with a trunk diameter of up to 1 m. it is a popular ornamental tree grown around the world



39	Adenanthera pavonina Coral		Coral W	ood Tree	4	Ł	A tall tree (up to 20m) with pretty leaves which looks like beautiful peacock feathers which gives its name Pavonia (Pavo), Grown for its onamental look	
40	Cycas revoluta Cyc		cas	as 1		Has a crown of shiny, dark green leaves on a thick shaggy trunk that is typically about 20 cm (7.9 in) in diameter, sometimes wider. the plant is very slow-growing		
45	.Total qua	ntity of plants o	n grou	nd				
<b>46.Num</b>	nber and	list of shru	bs an	d bushes	s species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1		NA		NA			NA	
				47.EI	nergy			
		Source of pow supply :	er	Reliance Er	nergy Ltd.		0	
		During Constr Phase: (Dema Load)	uction nd	470 KW				
		DG set as Power back-up during construction phase		Not Applicable				
Dor	107	During Operation phase (Connected load):		Rehab building - 4761 kW Sale Building - 7554 kW				
require	ement:	During Operation phase (Demand load):		Rehab building – 2700 kW Sale Building – 4624 kW				
		Transformer:		Rehab Building – 4000 KVA Sale Building – 7000 KVA				
		DG set as Pow back-up durin operation pha	er g se:	Not Applicable (As supply is taken from alternate				
		Fuel used:		Not Applicable				
		Details of high tension line p through the p any:	ssing ot if	Not Applica	Not Applicable			
		48.Energ	y <mark>savi</mark> :	ng by no	n-conven	tional m	ethod:	
NA	CY							
	5	<b>49.</b> E	etail	calculati	ons & %	of savin	g:	
Serial Number	Е	nergy Conserva	tion M	easures			Saving %	
1	L	ED Lights, BEE 5	star Eq	uipment		For Sale:- 1	3.58 % & For Rehab:- 12.84 %	
2		Sol	ır			For Sale:-	4.36 % & For Rehab:- 4.69 %	
		50.De	tails	of pollut	ion conti	rol Syste	ms	
Source	Ex	isting pollution	contro	ol system		Pro	posed to be installed	
Not applicable		Not app	icable				Not Applicable	

Narendra Toke)			(M. M. Adtani)
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Budgetary	allocation	Capital cos	st:	1.33 Ci	r							
(Capital O&M	cost and cost):	O & M cos	t:	10.0 La	akh							
51	51.Environmental Management plan Budgetary Allocation											
a) Construction phase (with Break-up):												
Serial Number	Attri	butes	Parar	neter			Total (	Cost p	er annu	m (Rs. In I	acs)	
1	A	ir	Dust sup measu barric	pression res and cading	n				2.00			
2	La	nd	Site sai	nitation					10.0			
3	La	and	Site S	Safety					10.00			
4	Air, Wate B	r, Soil and Bio	Enviror Monit	nmental toring					1.50	3		
5	Socio-e	conomic	Disinfec Health c	tion and check-up					2.00	3		
		b	) Operat	ion P	hase	e (wi	th Breal	k-up	):	7		
Serial Number	Comp	oonent	Descr	iption		Cap	ital cost Rs Lacs	. In	Operat c	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Sewage T Pla	Freatment ants	Rehab – 1 Sale –	1 No. an 1 No.	ıd	Rehab – 94.0 Lakh and Sale – 1.38 cr			Rehab – 4.0 Lakh and Sale – 6.0 Lakh			
2	Rainwater Sys	harvesting stem	Rehab – 1 Sale –	1 No. an 1 No.	ıd	Rehab – 1.0 Lakh and Sale – 1.0 Lakh			Rehab – 10 Thousand and Sale – 10 Thousand			
3	Enviro Moni	nmental toring	MOEF a agency for	pproved monitor	l ring	MOEF approved agency for monitoring				16.39 Lakh		
4	Solid Manag	Waste gement	Rehab – 1 Sale –	1 No. an 1 No.	.d	Rehab - 8.0 Lakh and Re Sale - 8.0 Lakh			Rehab - 60 Thousand and Sale - 60 Thousand			
5	Electrica	al System	Rehab a	and Sale		1.33 Cr 10.0 Lakh						
51.S	torage	of che	micals	(infl	lam	ıabl	e/expl	osiv	e/haz	zardou	s/toxic	
				sub	sta	nce	es)					
Description Status			Location		Sto Cap in	orage oacity MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation	
Not applicable Not applicable Not applicable			able	N appl	Not licable	Not applicable	Not a	pplicable	Not applicable	Not applicable		
	-		52.A	ny Ot	her	Info	rmation	l				
No Informa	tion Availab	le										
			53.	Traffi	c M	lana	gement					
	Nos. of the junction to the main road & design of confluence:											



	Number and area of basement:	1 nos of part basement for ser	vices						
	Number and area of podia:	4 Nos Of Podium, Area - 1022	2.31 sq.m						
	Total Parking area:	4750 sq.m							
	Area per car:	12.5 sq.m & 10.35 sq.m							
	Area per car:	12.5 sq.m & 10.35 sq.m							
Parking details:	Number of 2- Wheelers as approved by competent authority:	68 nos.							
	Number of 4- Wheelers as approved by competent authority:	Required 357 proposed 380							
	Public Transport:	NA							
	Width of all Internal roads (m):	6.00 m to 9.00 m							
	CRZ/ RRZ clearance obtain, if any:	e NA							
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA							
	Category as per schedule of EIA Notification sheet	NA							
	Court cases pending if any	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 i	n brief information of Project as	s below.						
	Brief informa	tion of the projec	et by SE	AC					
PP was absent;	hence the project	t is deferred.							
	DE	CISION OF SEAC							
PP was absent;	hence the project	ct is deferred.							
Specific Conditions by	v SEAC:								
-poomo conditions b	FINAL	RECOMMENDAT	ION						
Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting N	o: 116 Meeting Date: October 10, 2019	Page 65 of 114	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)					

Stiller Color States



## Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2) SEAC Meeting number: 116 Meeting Date October 10, 2019

**Subject:** Environment Clearance for the proposed Township "Hiranandani Sands" at Tal. Alibaug, Dist. Raigad by M/s. Dynamix Vacation Resorts Pvt Ltd.

Is a Violation Case: No								
1.Name of Project	Hiranandani Sands							
2.Type of institution	TOR							
3.Name of Project Proponent	Dynamix vacation Resorts Pvt ltd							
4.Name of Consultant	Building Environment India Pvt ltd							
5.Type of project	Township							
6.New project/expansion in existing project/modernization/diversification in existing project	New Project							
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable							
8.Location of the project	Survey No. 1237, 1281, 1291, 1292, 1451, 1456, 1457, 1459, 1461, 1462, 1464, 1473, 1474, 1475, 1477, 1478, 1481, 1485, 1492, 1503, 1509, 1525, 1567, 1570, 1571, 1572, 1575, 1594, 1682, 1729, 1731, 1280, 1403, 1405, 1406, 1468, 1469, 1476, 1487, 1574, 1592, 1685, 1463, 1483, 1493 and also extra land from Survey No. 1499, 1499, 1565, 1565, 1597, 1599, 1605, 1606, 1672 at Village - Nagaon, Tal. Alibag, Dist. Raigad. Survey No. 5, 6, 7,8,9 10, 11, 12, 13, 14, 15, 16, 17, 18, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 31, 32, 33, 34, 35, 36, 37, 40, 41, 42, 197, 240, 249, 250, 251, 252, 254, 262, 263, 264, 270, 3, 4, 46, 253, 30 at Village - Bagmala, Tal. Alibag, Dist. Raigad. Survey No. 191, 193, 193, 193, 192, 194, 203, 203, 204 at Village - Revdanda, Tal. Alibag, Dist. Raigad. Survey No. 51, 51, 55, 56, 57, 58 Village - Mandve, Tal. Alibag, Dist. Raigad.							
9.Taluka	Alibaug							
10.Village	Nagaon, Bagmala, Chaul, Revdanda and Mandve Turf Bamangaon							
Correspondence Name:	M/s. Dynamix Vacation Resorts Pvt. Ltd.							
Room Number:								
Floor:	11th							
Building Name:	Alpha, Hiranandani Business Park							
Road/Street Name:								
Locality:	Powai							
City:	Mumbai							
11.Whether in Corporation / Municipal / other area	Nagaon Village Panchayat							
	Serial No. / LNA 1(A)/Letter of Intent/34183/2017							
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Serial No. / LNA 1(A)/Letter of Intent/34183/2017							
	Approved Built-up Area: 2125751							
13.Note on the initiated work (If applicable)								
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI obtained from Raigad Collector Office on 23.05.2018 Serial No. / LNA 1(A)/Letter of Intent/34183/2017							
15.Total Plot Area (sq. m.)	9,55,714.00 m2							
16.Deductions								
17.Net Plot area	9,55,714.00 m2							
	a) FSI area (sq. m.): Total: 17,71,459.61 m2 Phase-I: 3,16,407.61 m2							
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Total: 3,54,291.92 m2 Phase-I: 63,281.52 m2							
	c) Total BUA area (sq. m.): 2125751							



18 (b).Approved Built up area as per DCR       Approved Non FSI area (sq. m.): Total: 3,54,291.92 m2 Phase-I: 63,281.52 m2         Date of Approval: 23-05-2018       Date of Approval: 23-05-2018         19.Total ground coverage (m2)       Total: 2,50,178 m2 Phase-I: 44,685.00 m2         20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)       Phase-I: 9.00% Total: 50.00%         21.Estimated cost of the project       400000000         Serial number       Building Name & number       Number of floors       Height of the building (Mathematication)         2       Semi-Detached Villa (123 No. of bldgs.)       S+2       15 m         3       Bungalow (Total 41 No. of bldgs.) all are proposed in Phase I)       S+2       45 m         4       Luxury Bungalow (8 No. of bldgs.)       G+2       15 m	Mtrs)					
Date of Approval: 23-05-2018         Total: 2,50,178 m2 Phase-I: 44,685.00 m2         20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)       Phase-I: 9.00% Total: 50.00%         21.Estimated cost of the project       4000000000         22.Number of buildings & its configuration         Serial number       Building Name & number       Number of floors       Height of the building (         1       Townhouse (239 No. of bldgs.)       S+2       15 m         2       Semi-Detached Villa (123 No. of bldgs.)       S+2       15 m         3       Bungalow (Total 41 No. of bldgs.)       S+2       45 m         4       Luxury Bungalow (8 No. of bldgs.)       G+2       15 m	Mtrs)					
19.Total ground coverage (m2)       Total: 2,50,178 m2 Phase-I: 44,685.00 m2         20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)       Phase-I: 9.00% Total: 50.00%         21.Estimated cost of the project       400000000 <b>22.Number of buildings &amp; its configuration</b> Serial number       Building Name & number       Number of floors       Height of the building (         1       Townhouse (239 No. of bldgs.)       S+2       15 m         2       Semi-Detached Villa (123 No. of bldgs.)       S+2       15 m         3       Bungalow (Total 41 No. of bldgs.) all are proposed in Phase I)       S+2       45 m         4       Luxury Bungalow (8 No. of bldgs.)       G+2       15 m	Mtrs)					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)       Phase-I: 9.00% Total: 50.00%         21.Estimated cost of the project       400000000 <b>22.Number of buildings &amp; its configuration</b> Serial number       Building Name & number       Number of floors       Height of the building (         1       Townhouse (239 No. of bldgs.)       S+2       15 m         2       Semi-Detached Villa (123 No. of bldgs.)       S+2       15 m         3       Bungalow (Total 41 No. of bldgs.)       S+2       15 m         4       Luxury Bungalow (8 No. of bldgs.)       G+2       15 m	Mtrs)					
21.Estimated cost of the project       400000000 <b>22.Number of buildings &amp; its configuration</b> Serial number       Building Name & number       Number of floors       Height of the building (         1       Townhouse (239 No. of bldgs.)       S+2       15 m         2       Semi-Detached Villa (123 No. of bldgs.)       S+2       15 m         3       Bungalow (Total 41 No. of bldgs.) all are proposed in Phase I)       S+2       15 m         4       Luxury Bungalow (8 No. of bldgs.)       G+2       15 m	Mtrs)					
22.Number of buildings & its configurationSerial numberBuilding Name & numberNumber of floorsHeight of the building (1Townhouse (239 No. of bldgs.)S+215 m2Semi-Detached Villa (123 No. of bldgs.)S+215 m3Bungalow (Total 41 No. of bldgs.) all are proposed in Phase I)S+215 m4Luxury Bungalow (8 No. of bldgs.)G+215 m	Mtrs)					
Serial numberBuilding Name & numberNumber of floorsHeight of the building (1Townhouse (239 No. of bldgs.)S+215 m2Semi-Detached Villa (123 No. of bldgs.)S+215 m3Bungalow (Total 41 No. of bldgs.) all are proposed in Phase I)S+215 m4Luxury Bungalow (8 No. of bldgs.)G+215 mResidential Mid -Rise (Total 34 No.	Mtrs)					
1Townhouse (239 No. of bldgs.)S+215 m2Semi-Detached Villa (123 No. of bldgs.)S+215 m3Bungalow (Total 41 No. of bldgs. all are proposed in Phase I)S+215 m4Luxury Bungalow (8 No. of bldgs.)G+215 mResidential Mid -Rise (Total 34 No.						
2Semi-Detached Villa (123 No. of bldgs.)S+215 m3Bungalow (Total 41 No. of bldgs. all are proposed in Phase I)S+215 m4Luxury Bungalow (8 No. of bldgs.)G+215 mResidential Mid -Rise (Total 34 No.						
3     Bungalow (Total 41 No. of bldgs. all are proposed in Phase I)     S+2     15 m       4     Luxury Bungalow (8 No. of bldgs.)     G+2     15 m       Residential Mid -Rise (Total 34 No.						
4 Luxury Bungalow (8 No. of bldgs.) G+2 15 m Residential Mid -Rise (Total 34 No.						
Residential Mid -Rise (Total 34 No.						
5 of bldgs. Of which 2 Nos. proposed in Phase-1) B+G+P+14 60 m						
Residential Point Tower (Total 31 No. of bldgs. Of which 9 Nos. proposed in Phase-1)2B+G+P+2490 m	90 m					
7         Retail & Market (35 No. of bldgs.)         G+1         9 m						
8 Hotel (Total 9 No. of bldgs. Of which 3 Nos. proposed in Phase-1) G+15 60 m						
9 Club & Country club (Total 6 No. of bldgs. Of which 2 Nos. proposed in Phase-1) G+1 & G+9 50 m						
10         School (1 No. of bldgs.)         G+6         25 m						
11         Health Care (1 No. of bldgs.)         G+8         30 m						
12Commercial office (1 No. of bldgs.)G+1040 m	40 m					
13Convention Centre (1 No. of bldgs.)G+520 m	20 m					
14         EWS (14 No. of bldgs.)         G+6         25 m						
15Public transport Utility (1 No. of bldgs.)G+17 m						
23.Number of tenants and shops       Total: 12740-Units         Phase-I:       Residential: 1520 units         Hotel & Club House: 300       Villas: 41 Nos.         School:1 (Existing)       School:1 (Existing)						
24.Number of         expected residents /         users    Phase-I: 15,038.00 Total: 84,192.00	,038.00 Total: 84,192.00					
25.Tenant density per hectare 881/Ha						
26.Height of the building(s)						



(Width of the road from the nearest fire 9.0 m -24 m wide road station to the proposed building(s)	9.0 m -24 m wide road								
28.Turning radius for easy access of fire tenderMin 9.0 mmovement from all around the building excluding the width for the plantationMin 9.0 m									
<b>29.Existing</b> <b>structure (s) if any</b> Two Bungalows and one school building are at site.	Bungalows will be demolished								
<b>0.Details of the</b> <b>emolition with</b> <b>isposal (If</b> <b>pplicable)</b> Expected waste to be generated from demolition of the bungalows 55.74 T. Recyclable mat will be reused on site for land levelling and remaining will be handed over to authorized ver for disposal as per C&D waste Management Rule, 2016.									
31.Production Details									
Serial NumberProductExisting (MT/M)Proposed (M	IT/M) Total (MT/M)								
1 Not applicable Not applicable Not applica	ble Not applicable								
32.Total Water Require	ement								
Source of water Alibag - MIDC	Alibag - MIDC								
Fresh water (CMD): Phase I: 900.00 KLD									
Recycled water - Flushing (CMD): Phase I: 450 KLD	Phase I: 450 KLD								
Recycled water - Gardening (CMD): Phase I: 43 KLD	Phase I: 43 KLD								
Swimming pool make up (Cum):									
Dry season: Requirement (CMD) : Phase I: 1393 KLD Total: 78	Phase I: 1393 KLD Total: 7800 KLD								
Fire fighting - Underground water tank(CMD):(Storage at building level) F	(Storage at building level) Phase I: 160,753.00 KLD Total: 900000 KLD								
Fire fighting - Overhead water tank(CMD):									
Excess treated water Phase-I: 601									



		Sourc	ce of v	water	Alibag - MIDC							
		Fresh water (CMD):			Phase I: 900.00 KLD							
		Recyc Flush	cled w ning (	vater - CMD):	Phase I: 450 KLD							
R G		Recyc Gardo	cled w ening	vater - (CMD):								
		Swim make	ming up ((	r pool Cum):								
Wet season: Te R : : : : : : : : : : :			Wate ireme	er ent (CMD)	Phase I: 13	50 KLD Tota	l: 7800 KLD	)				
			Fire fighting - Underground water tank(CMD):		(Storage at	building lev	el) Phase I:	160,753	3.00 K	LD Total: 90	0000 KLD	
		Fire f Overl tank(	Fire fighting - Overhead water tank(CMD):						0	3		
		Exces	ss trea	ated water	Phase-1:644	1						
Details of pool (If an	Swimming y)	Swim Phase	ming ] -I: 96	pool area in 1 55.00 m2	hotel: 5,400.	00 sq.mt (30	)M x 15M) x	12 nos.				
			3	<b>3.Detail</b>	s of Tota	l water o	consume	ed				
Particula rs	Cons	umpti	ion (C	CMD)		Loss (CMD)			Effluent (CMD)			
Water Require ment	Existing	Proposed Total		Existing	Proposed	Total	Exist	ting	Proposed	Total		
Domestic	Not applicable	No applio	ot cable	Not applicable	Not applicable	Not applicable	Not applicable	No applio	ot cable	Not applicable	Not applicable	
Level of the Ground water table:				Will be provided in EIA.								
		Size and no of RWH tank(s) and Quantity:			10 Nos of 1.0 Lakh litre Capacity- (2days storage Tanks)							
		Location of the RWH tank(s):		Within Building Foot Print / Cluster Level.								
34.Rain V Harvestin	Water ng	Quantity of recharge pits:			NA							
(RWH)		Size of recharge pits			NA							
	SY	Budgetary allocation (Capital cost) :			1.70 Crore							
		Budg (0 &	etary M cos	allocation st) :	1.20 Lakhs per Annum							
Details of UGT tan if any :					NA							
25 Storm	watar	Natur drain	ral wa age p	ater oattern:	Will be provided in EIA.							
drainage	water	Quantity of storm water:			28.18 Cum/Sec							
		Size o	of SW	D:	Min size of	SWD 2.00 M	Ix 2.60 M M	ax size	of SW	D 18.00M x	2.80M	
Shri Narendra Toke (Secretary SEAC-II)				o: 116 Meeti 10, 2019	ng Date: Oct	ober P	1ge 70 of 114	() Shri I SEAC	M.M.Adtani ( -II)	פּהי) Chairman		

		Sewage generation in KLD:		Total: 10499 KLD Phase I: 1,875.00 KLD						
		STP techno	ology:	MBBR						
Seware	and	Capacity o (CMD):	f STP	10,499 KLD (Depending on the sewage generation 18 numbers of STP's are planned. Hence the capacity of STP varies as per requirement with respect to the cluster.) Total: 10,449.00 KLD Phase I: 1,875.00 KLD						
Waste water	Location & the STP:	area of	10,499 KLD (Depending on the sewage generation 18 numbers of STP's are planned. Hence the capacity of STP varies as per requirement with respect to the cluster.) Total: 10499 KLD Phase I: 1,875.00 KLD							
		Budgetary (Capital co	allocation st):	Total: 52.495 Crores Phase I: 9.00 Crores						
		Budgetary (O & M cos	allocation st):	Total: 1.57 Crores Phase	e I: 0.27 Crores	9				
			86.Soli	d waste Mana	gement					
Waste gen	eration in	Waste gen	eration:	Expected waste to be ge 55.74 T.	enerated from demolition	of the bungalows				
and Constr phase:	ruction	Disposal o construction debris:	f the on waste	Recyclable materials will be reused on site for land levelling and remaining will be handed over to authorized vendors for disposal as per C&D waste Management Rule, 2016.						
Waste generation in the operation		Dry waste:		Total: 13.71 TPD Phase I: 2 TPD						
		Wet waste		Total: 20.56 TPD Phase I: 4 TPD						
		Hazardous	waste:	Spillage from DG						
		Biomedica applicable	l waste (If ):	It will be not applicable	for phase I					
		STP Sludg sludge):	e (Dry	182 Kg/Day						
Others if any:				-X V						
Dry waste:				Will be handed over to A	Authorised Recyclers as p	oer MSW Rule, 2016.				
		Wet waste		Will be treated in OWC						
		Hazardous	waste:	Will be handled as per H	Iazardous waste Rules, 2	018				
Mode of I of waste:	Disposal	Biomedical waste (If applicable):		It will be not applicable for phase I						
		STP Sludge (Dry sludge):		Will be used as a manure						
		Others if a	ny:							
		Location(s	):	Building wise						
Area requirem	ent:	Area for the storage of waste & other material:		1200 m2						
		Area for m	achinery:	Will be provided in EIA.						
Budgetary	allocation	Capital cost:		Rs. 3.63 Cr.						
(Capital co O&M cost)	st and :	O & M cost:		Rs. 25 Lacs/month						
			37.Ef	fluent Charecter	estics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	Not applicable		Not applicable	Not applicable	Not applicable	Not applicable				

Narendra Toke)			(M. M. Adtani)
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Amount of e (CMD):	effluent gene	eration		Not applicable								
Capacity of the ETP:					Not applicable							
Amount of treated effluent recycled :					Not applicable							
Amount of v	vater send to	o the C	ETP:	Not a	pplica	ble						
Membershi	p of CETP (if	f requi	re):	Not applicable								
Note on ETP technology to be used Not applicable												
Disposal of the ETP sludge Not applicable												
38.Hazardous Waste Details												
Serial Number	Description			С	at	UOM	Existing		Prop	osed	Total	Method of Disposal
1	Not apj	plicable	e	N appli	ot cable	Not applicable	Not applicable		N appli	ot cable	Not applicabl	e Not applicable
					<b>39.S</b> t	acks em	issio	n D	etail	S		5
Serial Number Section & units			ts	Fuel Used Quant		ed with ntity	Stack No.		Hei fro gro level	ght om und l (m)	Interna diamete (m)	r Temp. of Exhaust Gases
1	Not apj	lot applicable			lot app	plicable	N appli	ot cable	N appli	ot cable	Not applicabl	e Not applicable
				4	0.De	tails of <b>F</b>	uel <sup>•</sup>	to b	e use	ed		
Serial Number	Type of Fuel			Existi		Existing	Proposed		osed		Total	
1	Not applicable			Not applicable Not			lot app	plicabl	e	Not applicable		
41.Source of	of Fuel			Not applicable								
42.Mode of	Transportat	ion of i	fuel to	site Not applicable								
		-										
		Total	RG a	rea :		Total: 47,78	35.70 r	n2 Ph	ase I: 8	3,535.0	00 m2	
		No of	f <b>tree</b> s	s to b	e cut	cut NA						
43.Gree	n Belt	Num be pl	ber of anted	trees	s to	800						
Develop	ment	List of nativ	of projective	posed s :		Attached						
		Time comp plant	line fo detior ation	or h of Throughout the construction phase :								
	44.Nu	mber	and	l list	of t	rees spe	cies	to b	e pla	nte	d in the	ground
Serial Number	Name of	the pl	ant	Co	ommo	n Name		Qua	ntity		Characteristics & ecological importance	
1	1 Will be provided in EIA.			Wil	l be pr EI	covided in A.	Wil	l be pi El	rovideo A.	d in	Wil	be provided in EIA.
45	.Total qua	ntity o	f plan	ts on	grou	nd						
<b>46.Num</b>	46.Number and list of shrubs and bushes species to be planted in the podium RG:											
Serial Number		Name				C/C Dista	nce		Area m2			
1	Will be p	rovide	d in El	IA.	Wi	ll be provide	ed in E	IA.		Will be provided in EIA.		
- Nea (Non	K TOKE)											(M. M. Adtani)

(Navendra Toke)			(M. M. Adtani)						
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				47.Eı	nerg	Jy			
---	---------------------------------	--------------------------------------	--	---	----------	---	-------------------------------	--	--
		Source supply	of power :	MSEB					
D		During Phase: Load)	Construction (Demand	1 MW from Local Authority					
		DG set back-u constru	as Power p during uction phase	1 DG x 320	kVA c	apacity			
		During phase ( load):	Operation (Connected	Phase I: 26.00 MW Total Connected load: 143.98 MW					
require	ement:	During phase ( load):	Operation (Demand	Phase I: 12 MW Total demand load: 67.6 MVA				AVA	
		Transf	ormer:	3 Nos. 25M	VA, 22	20/22KV in m	ain EHV sub	ostation	
		DG set back-u operati	as Power p during ion phase:	1. 2 Nos. of 320KVA, DG Set for Water Supply & Fire Fighting Syst for Infra Level only 2. 1 No of 180 KVA DG set for STP				pply & Fire Fighting System S set for STP	
		Fuel us	sed:	Bio-diesel /	Diesel				
		Details tensior throug any:	s of high n line passing h the plot if	The 22KV Overhead Line Passing through project site will be shifte			project site will be shifted.		
		<b>48.</b> E	Energy savii	ng by no	n-co	nvention	al metho	od:	
			49.Detail	calculati	ons	& % of sa	aving:		
Serial Number	E	nergy C	onservation Me	easures	7		S	aving %	
1	Details of	solar wat will l	ter heaters and s be provided in El	IA. Details of solar water heaters and solar street lights will be provided in EIA.					
			50.Details	of pollution control Systems					
Source	Ex	isting p	ollution contro	l system			Proposed	to be installed	
Water			Not applicable			STP			
Soil & Land			Not applicable	OWC				OWC	
Budgetary	allocation	Capital	l cost:	will be prov	vided in	n EIA.			
(Capital O&M	cost and cost):	0 & M	cost:	will be prov	vided in	n EIA.			
51	.Envir	onme	ental Man	ageme	ent 1	plan Bı	idgeta	ry Allocation	
			a) Construc	tion pha	ise (	with Brea	ak-up):	5	
Serial	Attri	butes	Parar	neter		Total (	Cost per an	num (Rs. In Lacs)	
Teduna	Water	for Dust	Water f	or Dust					
1	Suppr	ression	Suppr	ession			Will be prov	rided in EIA.	
2	Site Sat Disinfectio Cheo	nitation, on & Heal ck Up	Site Sar Ith Disinfection Chec	ntation, n & Health k Up			Will be prov	rided in EIA.	
3	Enviror Moni	nmental toring	Enviror Monit	nmental coring			Will be prov	rided in EIA.	
Monitoring     Monitoring       Machine Toke     SEAC Meeting No: 116 Meeting Date: October       (Secretary SEAC-II)     10, 2019   Page 73 Shri M.M.Adtani (Chairman SEAC-II)						(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)			

4	Debri Man	s/Top soil agement	Debris/ Manag	Top soil gement				Will b	e provide	ed in EIA.	
5	Health a Lat	and Safety of oourers	Health an Labo	d Safety ourers	of			Will b	be provided in EIA.		
6	]	EMC	Enviro monito:	onment ring cell				Will b	e provide	ed in EIA.	
		]	b) Operat	ion P	hase	e (wi	th Brea	k-up)	):		
Serial Number	Com	nponent	Descr	iption		Capi	tal cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Sewage	e treatment	Sewage 7 Pla	Freatmei ant	nt	Phas Total	e I: 9.00 Cr : 52.495 Cr	ores ores	Phase	I: 0.27 Cror Crore	res Total: 1.57 es
2	Soli Man	d Waste agement	Organi conv	c waste rerter		]	Rs. 3.63 Cr.			Rs. 25 Lacs	/month
3	Rain Man	n Water agement	Rain Water	Harves	ting		1.70 Crore		1.	20 Lakhs pe	er Annum
4	RO	G Area	Gree	Green Belt		Will be provided in EIA.		d in	Will be provided in EIA.		
5	Energ	gy Saving	Energy feat	Energy Saving features		Will be provided in EIA.		Will be provided in EIA.			
6	6 Fire Fighting measures		Fire Fighting measures			Will be provided in EIA.		l in	Will be provided in EIA.		
51.S	torag	e of che	emicals	(infl	lam	abl	e/expl	osiv	e/haz	zardou	s/toxic
				sub	sta	nce	es)				
Descri	Description		Location Ca		Stor Capa in 1	rage acity MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applic	able	N appli	ot .cable	Not applicable	Not aj	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her	Info	rmation				
No Informa	tion Availa	ble									
			53.	Traffi	c Ma	ana	gement				
	Nos. of the junction to the main road & design of confluence:       Will be provided in EIA.										



	Number and area of basement:	1 basement at Residenti Tower	basement at Residential Mid-Rise. 2 basements at Residential Point Fower				
	Number and area of podia:	1 podium at Residential	Mid Rise. 1 podium at Residential Point Tower				
	Total Parking area:	2.0 Lakhs m2					
	Area per car:	3.0x 6.0/ 2.5 x 5.5 m2					
	Area per car:	3.0x 6.0/ 2.5 x 5.5 m2					
Parking details:	Number of 2- Wheelers as approved by competent authority:	Phase I: 5,261.00 Nos. Total: 29,456.00 Nos.					
	Number of 4- Wheelers as approved by competent authority:	Phase I: 1,571.00 Nos. Total: 8793 Nos.					
	Public Transport:	Bus Stops will be provid	ed at Strategic locations				
	Width of all Internal roads (m):	9 m- 24 m					
	CRZ/ RRZ clearance obtain, if any:	Application has been do	ne on 23rd April,2019.				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Phansad Wildlife sanctuary is Approx.9.84 Km away from the project site.					
	Category as per schedule of EIA Notification sheet	Category 8 B					
	Court cases pending if any						
	Other Relevant Informations						
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
	TORS	Suggested Cha	anges				
Consolidated Statement Point Number	Original	Remarks	Submitted Changes				



8.Location of the project	<ul> <li>Survey No. 1237, 1281, 1291, 1292, 1451, 1456, 1457, 1459, 1461, 1462, 1464, 1473, 1474, 1475, 1477, 1478, 1481, 1485, 1492, 1503, 1509, 1525, 1567, 1570, 1571, 1572, 1575, 1594, 1682, 1729, 1731, 1280, 1403, 1405, 1406, 1468, 1469, 1476, 1487, 1574, 1592, 1685, 1463, 1483, 1493 and also extra land from Survey No. 1499, 1499, 1565, 1565, 1597, 1599, 1605, 1606, 1672 at Village - Nagaon, Tal. Alibag, Dist. Raigad. Survey No. 5, 6, 7, 8, 9 10, 11, 12, 13, 14, 15, 16, 17, 18, 18, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 31, 32, 33, 34, 35, 36, 37, 40, 41, 42, 197, 240, 249,250, 251, 252, 254, 262, 263, 264, 270, 3, 4, 46, 253, 30 at Village - Bagmala, Tal. Alibag, Dist. Raigad. Survey No. 632B + 645, 632B + 645, 632/1, 632A, 632, 632, 644, 632 at Village - Chaul, Tal. Alibag, Dist. Raigad. Survey No. 191, 193, 193, 193, 192, 194, 203, 203, 204 at Village - Revdanda, Tal. Alibag, Dist. Raigad. Survey No. 51, 51, 55, 56, 57, 58 Village - Mandve, Tal. Alibag, Dist. Raigad.</li> </ul>	1456, 1457, 1459, 1461, 1462, 1464, 1473, 1474, 1475, 1477, 1478, 1481, 1485, 1492, 1503, 1509, 1525, 1567, 1570, 1571, 1572, 1575, 1594, 1595, 1682, 1729, 1731, 1736, 1739, 1741, 1280, 1403, 1405, 1406, 1468, 1469, 1476, 1487, 1574, 1592, 1685, 1463, 1483, 1493 and also extra land from Survey No. 1499, 1565, 1597, 1599, 1605, 1606, 1672 at Village - Nagaon, Tal. Alibag, Dist. Raigad. Survey No. 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 31, 32, 33, 34, 35, 36, 37, 40, 41, 197, 240, 249,250, 251, 252, 254, 262, 263, 264, 270, 3, 4, 46, 253, 30 at Village - Bagmala, Tal. Alibag, Dist. Raigad. Survey No. 632B + 645, 632B + 645, 632/1, 632A, 632, 632, 644, 632 at Village - Chaul, Tal. Alibag, Dist. Raigad. Survey No. 191, 192, 194, 204 at Village - Revdanda, Tal. Alibag, Dist. Raigad. Survey No. 51/1, 51/2, 55, 56, 57, 58 Village - Mandve, Tal. Alibag, Dist. Raigad.			
15.Total Plot Area (sq. m.)	9,55,714.00 m2	9,12,044.00 m2			
Deductions (Sq. m.)		2,36,742.00 m2			
17.Net Plot area	9,55,714.00 m2	6,75,302.00 m2			
18.Proposed Built-up Area (FSI & Non-FSI)	-	-			
FSI:	Total: 17,71,459.61 m2, Phase-I: 3,16,407.61 m2	Total: 16,39,411.08 m2, Phase-I: 2,07,622.85 m2			
NON FSI:	Total: 3,54,291.92 m2, Phase-I: 63,281.52 m2	Total: 4,86,339.93 m2 Phase-I: 1,72,065.78m2			
Total Built-up Area	Total: 21,25,751 m2, Phase I: 3,79,689.13 m2	Total: 21,25,750 m2 Phase-I:3,79,688.63 m2			
19.Total ground coverage (m2)	Total: 2,50,178 m2 Phase-I: 44,685.00 m2	Total: 2,94,945 m2 Phase-I: 40,143.50 m2			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Total: 50.00% Phase-I: 9.00%	Total: 50.00% Phase-I: 9.00%			
22.Number of buildings & its configuration					
	Townhouse (239 No. of bldgs.) (S+2 & 15 m)	RESIDENTIAL			
-	Semi-Detached Villa (123 No. of bldgs.) (S+2 & 15 m)	Residential Mid-Rise (2 are proposed in Phase I) (S+16 & 60 m)			
	Bungalow (Total 41 No. of bldgs. all are proposed in Phase I) (S+2 & 15 m)	Residential high-Rise (3 are proposed in Phase I) (B+S+30 & 100 m)			
	Luxury Bungalow (8 No. of bldgs) (G+2 & 15 m)	Residential Point Tower (6 are proposed in Phase I) (B+S+P+33 & 110 m)			
	Residential Mid -Rise (Total 34 No. of bldgs. Of which 2 Nos. proposed in Phase-1) (B+G+P+14 & $\&$ 60 m)	Luxury Bungalow (G+2 & 15 m)			
	Residential Point Tower (Total 31 No. of bldgs. Of which 9 Nos. proposed in Phase-1) (2B+G+P+24 & 90 m)	Bungalow (39 are proposed in Phase I) (S+2 & 15 m)			
	Retail & Market (35 No. of bldgs.) (G+1 & 9 m)	Semi-Detached Villa (S+2 &15 m)			

 

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	Hot	el (Total 9 No. of bldgs. Of which 3 Nos. proposed in Phase-1) (G+15 & 60 m)		Townhouse (S+2 & 15 m)		
	Cluł whic	) & Country club (Total 6 No. of bldgs. Of h 2 Nos. proposed in Phase-1) (G+1, G+9 & 50 m)	Retai	l (1 are prop	posed in Phase I) (G+1 & 9 m)	
	School (1 No. of bldgs.) (G+6 & 25 m)			Market (1 are proposed in Phase I) (G+1 & 15 m)		
	Hea	alth Care (1 No. of bldgs.) (G+8 & 30 m)			HOTEL	
	Con	nmercial office (1 No. of bldgs) (G+10 & $40 \text{ m}$ )	Hotel -I (B+S+6 & 50 m)			
	Conv	ention Centre (1 No. of bldgs) (G+5 & 20 m)	Le	eisure Hotel (B-	(1 are proposed in Phase I) +G+12 & 50 m)	
		EWS (14 No. of bldgs.) (G+6 & 25 m)	C	ombo Hotel ( B·	(1 are proposed in Phase I) +S+18 & 70 m)	
	Publ	ic transport Utility (1 No. of bldgs) (G+1 & 7 m)	Bo	utique Hotel (	(1 are proposed in Phase I) G+3 & 30 m)	
				Hotel – II	(B+S+P+12 & 50 m)	
				Hotel II	Villas (G+2 & 15 m)	
				Hotel III	(B+S+P+25 & 110 m)	
				Hotel IV	(B+S+P+20 & 90 m)	
				Commercial	office (B+S+10 & 40 m)	
			Club	House (1 are	e proposed in Phase I) (G+1 & 10 m)	
		- 0	С	ountry club ( (B-	(1 are proposed in Phase I) +G+10 & 50 m)	
			Exi	sting School (	(1 are proposed in Phase I) G+1 & 10 m)	
				Scho	ool (S+6 & 50 m)	
			HEALTH CARE			
			Healt	alth Care I (1 are proposed in Phase I) (G+ & 30 m)		
				Health Care	e II (B+S+P+10 & 70 m)	
		-	Con	vention Cent	rre + Hotel (B+S+P+14 & 90 m)	
				Commercial	(B+S+2P+25 & 110 m)	
				EWS	& Social Housing	
-			EW	EWS & Social Housing I (7 are proposed Phase I) (G+6 & 25 m)		
			EW	EWS & Social Housing II (B+S+16 & 60		
				Police S	Station (G+1 & 7 m)	
				Fire Briga	de Station (G+1 & 7 m)	
			Bu	s station / Pr	ublic parking (G+1 & 15 m)	
23.Number of tenants and shops	Tota units	l: 12740-Units Phase-I: Residential: 1520 s Hotel & Club House: 300 Villas: 41 Nos. School:1 (Existing)	To PHA Resid Poir Bur Hote Bouti 1) Scho &	tal: 12736 U SE - 1: Resid dential high- at Tower (Ph ugalow : 39, el (Phase 1): que Hotel (P : 1, Country ool (Phase 1) z EWS & Soc	Inits & Phase-I: 2345 Units, dential Mid-Rise (Phase 1): 2, Rise (Phase 1) :3, Residential ase 1) :6, Retail (Phase 1): 1, Market (Phase 1): 1, Leisure 1, Combo Hotel (Phase 1) :1, Phase 1) :1, Club House (Phase club (Phase 1) :1, Existing : 1,Health Care I (Phase 1) :1 cial Housing I (Phase 1) :7	
Nakendra Toke)					(M. M. Adtani)	
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24.Number of expected residents / users	Phase-I: 15,038.00 Total: 84,192.00	Total: 80,395 Nos Phase: 1- 17,802 Nos
25.Tenant density per hectare	881/ Ha	881/ Ha
32. Total Water Requirement		
Dry season	Source of water: Alibag - MIDC	Source of water Irrigation Dept.
	Fresh water (CMD): Phase I: 900.00 KLD	Fresh water (CMD): Overall - 7483 KLD, Phase I: 1179 KLD
	Recycled water - Flushing (CMD): Phase I: 450 KLD	Recycled water - Flushing (CMD): Overall - 7104 KLD, Phase I: 790 KLD
	Recycled water - Gardening (CMD): Phase I: 43 KLD	Recycled water - Gardening (CMD): Overall - 2655 KLD, Phase I: 171 KLD
	Total Water Requirement (KLD): Phase I: 1393 KLD Total: 7800 KLD	Total Water Requirement (KLD): Total: 17242 KLD Phase I: 2140 KLD
	Firefighting - Underground water tank (KLD): (Storage at building level) Phase I: 160,753.00 KLD Total: 900000 KLD	Firefighting - Underground water tank (KLD) (Storage at building level) Total: 90000 KLD Phase I: 2100.00 KLD
	Excess treated water Phase I- 601	Excess treated water Phase I- 516 KLD
Wet season	Source of water Alibag - MIDC	Source of water Irrigation Dept.
	Fresh water (CMD): Phase I: 900.00 KLD	Fresh water (CMD): Overall - 7483 KLD, Phase I: 1179 - KLD
	Recycled water - Flushing (CMD): Phase I: 450 KLD	Recycled water - Flushing (CMD): Overall - 7104 KLD, Phase I: 790 KLD
	Recycled water - Gardening (CMD):	Recycled water - Gardening (CMD):
	Total Water Requirement (CMD): Phase I: 1350 KLD Total: 7800 KLD	Total Water Requirement (CMD): Total: 14587 KLD Phase I: 1969 KLD
	Firefighting - Underground water tank (CMD): (Storage at building level) Phase I: 160,753.00 KLD Total: 900000 KLD	Firefighting - Underground water tank (CMD): (Storage at building level) Total: 90000 KLD Phase I: 2100 KLD
	Excess treated water Phase I- 644	Excess treated water Phase I- 516 KLD
Details of Swimming pool (If any)	Swimming pool area in hotel: 5,400.00 sq.mt (30M x 15M) x 12 nos. Phase -I: 965.00 m2	Swimming pool area in hotel: 5,400.00 sq.mt (30M x 15M) x 12 nos. Phase -I: 848.00 m2
34. Rain Water Harvesting (RWH)	Level of the Ground water table: Will be provided in EIA.	Level of the Ground water table: 1.0 Mtr to 3.5 Mtr below the ground surface
-	Size and no of RWH tank(s) and Quantity: 10 Nos of 1.0 Lakh litre Capacity- (2days storage Tanks)	Size and no of RWH tank(s) and Quantity: 27 Nos of 1.0 Lakh litre Capacity- (2days storage Tanks)
35. Storm water drainage	Natural water drainage pattern Will be provided in EIA.	Natural water drainage pattern Towards sea
	Quantity of storm water: 28.18 Cum/Sec	Quantity of storm water: 28.18 Cum/Sec
	Size of SWD: Min size of SWD 2.00 Mx 2.60 M Max size of SWD 18.00M x 2.80M	Size of SWD: Min size of SWD 2.00 Mx 2.60 M Max size of SWD 18.00M x 2.80M
36. Sewage and Waste water	Sewage generation in KLD: Total: 10499 KLD Phase I: 1,875.00 KLD	Sewage generation in KLD: Total: 11524 KLD Phase I: 1679 KLD
	STP technology: MBBR	STP technology: MBBR
	Capacity of STP (KLD): 10,499 KLD (Depending on the sewage generation 18 numbers of STP's are planned. Hence the capacity of STP varies as per requirement with respect to the cluster.) Total: 10,449.00 KLD Phase I: 1,875.00 KLD.	Capacity of STP (KLD): 11524 KLD (Depending on the sewage generation 20 numbers of STP's are planned. Hence the capacity of STP varies as per requirement with respect to the cluster.) Total: 11524 KLD Phase I: 1679 KLD

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	Location & area of the STP: 10,499 KLD (Depending on the sewage generation 18 numbers of STP's are planned. Hence the capacity of STP varies as per requirement with respect to the cluster.) Total: 10499 KLD Phase I: 1,875.00 KLD.	Location & area of the STP: 11524 KLD (Depending on the sewage generation 20 numbers of STP's are planned. Hence the capacity of STP varies as per requirement with respect to the cluster.) Total: 11524 KLD Phase I: 1679 KLD
	Budgetary allocation (Capital cost) Total: 52.495 Crores Phase I: 9.00 Crores	Budgetary allocation (Capital cost) Total: 50 Crores Phase I: 8.00 Crores
	Budgetary allocation (O & M cost) Total: 1.57 Crores Phase I: 0.27 Crores	Budgetary allocation (O & M cost) Total: 1.50 Crores Phase I: 0.24 Crores
37.Solid waste Management		
Waste generation in the operation Phase	Dry waste: Total: 13.71 TPD Phase I: 2 TPD	Dry waste: Total: 13 TPD Phase I: 2.5 TPD
	Wet waste: Total: 20.56 TPD Phase I: 4 TPD	Wet waste: Total: 20 TPD Phase I: 3.67 TPD
	Area requirement: Location(s): Building wise, Area for the storage of waste & other material: 1200 m2 & Area for machinery: Will be provided in EIA.	Area requirement: Location(s): Building wise, Area for the storage of waste & other material: 1 Acre & Area for machinery:
44.Green Belt Development	Total RG area Total: 47,785.70 m2 Phase I: 8,535.00 m2	Total RG area Total: 45,607.00 m2 Phase I: 17,265.00 m2 -
	No of trees to be cut NA	No of trees to be cut NA
	Number of trees to be planted: 800	Number of trees to be planted: 1730 Nos
	List of proposed native trees: Attached	List of proposed native trees: Attached
48.Energy		-
Power requirement	Source of power Supply MSEB	Source of power Supply MSEDCL
	During Construction Phase: (Demand Load) 1 MW from Local Authority	During Construction Phase: (Demand Load) 1 MW
	DG set as Power back-up during construction phase 1 DG x 320 kVA capacity	DG set as Power back-up during construction phase 125 KVA - 3 Nos and 320 KVA genset -1 No
	During Operation phase (Connected load): Phase I: 26.00 MW Total Connected load: 143.98 MW	During Operation phase (Connected load): Total Connected load: 148.2 MW Phase I: 18.90 MW
	During Operation phase (Demand load): Phase I: 12 MW Total demand load: 67.6 MVA	During Operation phase (Demand load): Total demand load: 75 MVA Phase I: 10 MW
	Transformer: 3 Nos. 25MVA, 220/22KV in main EHV substation	Transformer: 3 Nos. 25MVA, 220/22KV in main EHV substation
	DG set as Power back-up during operation phase 1. 2 Nos. of 320 KVA, DG Set for Water Supply & Fire Fighting System for Infra Level only 2. 1 No of 180 KVA DG set for STP	DG set as Power back-up during operation phase 1. 2000 KVA - 2nos, 1750 KVA -2 Nos, 1600 KVA - 2nos, 500 kvA-1 , 320 KVA - 6 nos 2. 275 KVA -4 nos, 200 KVA -1 and 100 KVA -1 No
49.Energy saving by non-conventional method:		Details of solar water heaters and solar street lights will be provided in EIA.
50.Detail calculations & % of saving:	Energy Conservation Measures & Saving % :will be provided in EIA.	Energy Conservation Measures : solar water heaters, Saving % : 20%
52.Environmental Management plan Budgetary Allocation		
a) Construction phase (with Break-up):	Water for Dust Suppression: Total Cost will be provided in EIA.	Water for Dust Suppression: Total Cost per annum 5.00 lacs



	Site Sanitation, Disinfection & Health Check Up: Total Cost will be provided in EIA.	Site Sanitation, Disinfection & Health Check Up: Total Cost per annum 10.0 lacs
	Environmental Monitoring : Total Cost will be provided in EIA.	Environmental Monitoring: Total Cost per annum 2.0 lacs
	Debris/Top soil Management : Total Cost will be provided in EIA.	Debris/Top soil Management: Total Cost per annum 5.0 lacs
	Health and Safety of Labourers : Total Cost will be provided in EIA.	Health and Safety of Labourers: Total Cost per annum 5.0 lacs
	EMC : Total Cost will be provided in EIA.	EMC: Total Cost per annum 2.0 lacs
	Total Cost: will be provided in EIA.	Total Cost: 29.00 lacs per annum
b) Operation Phase (with Break-up):	Sewage Treatment Plant: Capital cost : Phase I: 9.00 Crores Total: 52.495 Crores & Operational and Maintenance cost :Phase I: 0.27 Crores Total: 1.57 Crores	Sewage Treatment Plant: Capital cost :500 Lacs & Operational and Maintenance cost : 150 Lacs/yr
	Solid Waste Management: Capital cost :Rs. 3.63 Cr. & Operational and Maintenance cost :Rs. 25 Lacs/month	Solid Waste Management: Capital cost: 363 Lacs & Operational and Maintenance cost :75 Lacs/yr
	Rain Water Management: Capital cost :1.70 Crore & Operational and Maintenance cost :1.20 Lakhs per Annum	Rain Water Harvesting + water treatment plant: Capital cost :170 Lacs & Operational and Maintenance cost :1.20 Lacs/yr
	RG Area: Will be provided in EIA.	Storm water Drain:Capital cost :750 Lacs & Operational and Maintenance cost :30 Lacs/yr
	Energy Saving:Will be provided in EIA.	Gardening & Landscaping:Capital cost: 400 Lacs & Operational and Maintenance cost :20 Lacs/yr
	Fire Fighting measures: Will be provided in EIA.	Energy Saving:Capital cost :1500 Lacs & Operational and Maintenance cost :75 Lacs/yr
	Total:Will be provided in EIA.	DMP: Capital cost :98 Lacs & Operational and Maintenance cost :30 Lacs/yr
		Total:Capital cost :3781 Lacs & Operational and Maintenance cost 381.2 Lacs/yr
54. Traffic Management		
Parking details	Number and area of basement: 1 basement at Residential Mid-Rise. 2 basements at Residential Point Tower	Number and area of basement: 1 No Total: 184898.35m2 Phase I: 34833.64 m2
	Number and area of podia: 1 podium at Residential Mid Rise. 1 podium at Residential Point Tower	Number and area of podium: 2 Nos Total:138334.76 m2 Phase I: 12228.38 m2
	Total Parking area: 2.0 Lakhs m2	Total Parking area: 5.0 Lakhs m2
	Number of 2- Wheelers as approved by competent authority: Phase I: 5,261.00 Nos. Total: 29,456.00 Nos.	Number of 2- Wheelers as approved by competent authority: Total: 29,456.00 Nos. Phase I: 5488.00 Nos.
-	Number of 4- Wheelers as approved by competent authority Phase I: 1,571.00 Nos. Total: 8793 Nos.	Number of 4- Wheelers as approved by competent authority Total: 8769 Nos. Phase I: 1,815.00 Nos.
SEAC	DISCUSSION ON ENVIRON	MENTAL ASPECTS
	Summorised in brief information of Pro	pject as below.
	Brief information of the pr	oject by SEAC

Nakendra Toke)

Shri Narendra Toke (Secretary SEAC-II) SEAC Meeting No: 116 Meeting Date: October 10, 2019

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# **DECISION OF SEAC**

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

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

**1)** PP has already uploaded the storm water drain capacity study report by considering the rainfall intensity for 4 hours. PP to ensure that, the drain size & design should be as per that capacity. PP to also provide the appropriate holding ponds during phase wise construction as per SWD design.

2) Committee noted that, the part of land fall in CRZ I & III. PP to obtain the MCZMA clearance.

**3)** As shown during the presentation, PP to upload the Layout showing location of services including environmental infrastructure on the website immediately. PP to produce the same to SEIAA.

4) PP to abide the all conditions stipulated in the location clearance.

5) PP to abide by the phase wise plan of the use of surplus water of STP. PP to also explore the possibility to use surplus treated water of other project for the phase I of their project. All the STPs as proposed in the project should remain on ground with minimum 40% open to sky and that BOD should not exceed 5.

6) PP to submit the sewerage network, water supply, storm water drain NOC from local planning authority.

7) PP to ensure ECBC norms are complied with.

**8)** PP to obtain clearance from competent authority with reference to Thane creek Flamingo Sanctuary if any part of Project falls within 10 km radius from the boundary of said Sanctuary, and other ESZ/CRZ clearances, if applicable. The planning authority to ensure fulfillment of this condition before granting the CC.

9) PP not to undertake any construction on slopes 1:5 and more, if any.

 ${\bf 10)}$  No any natural drain in the project area to be diverted.

11) PP to ensure segregation of dry and wet waste at source.

12) PP to take up the CER activities as stipulated in MOEF &CC office order dated 1.5.2018.

## FINAL RECOMMENDATION

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



#### Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2) SEAC Meeting number: 116 Meeting Date October 10, 2019

Subject: Environment Clearance for Environment Clearance for IT Park Is a Violation Case: No 1.Name of Project "Plutonium Business Park" at Turbhe, Navi Mumbai. 2.Type of institution Private **3.Name of Project Proponent** M/s. Plutonium Business solutions Pvt. Ltd. (Mr. Ratilal Patodia -Director) M/s. ULTRA TECH 4.Name of Consultant **5.Type of project** IT Park 6.New project/expansion in existing project/modernization/diversification New Project in existing project 7.If expansion/diversification. whether environmental clearance Not Applicable has been obtained for existing project Plot No. 7 & 7A adjoining Ikea, Near Turbhe Railway Station, Thane Belapur Road, Turbhe, Navi 8.Location of the project Mumbai. 9.Taluka Navi Mumbai 10.Village Turbhe M/s. Plutonium Business Solutions Pvt. Ltd. (Mr. Ratilal Patodia -Director) **Correspondence Name: Room Number:** Floor: Plot No.7 **Building Name:** Road/Street Name: Turbhe-Thane Belapur Road Locality: Belapur Road City: Navi Mumbai 11.Whether in Corporation / Maharashtra Industrial Development Corporation (MIDC) Municipal / other area Application No.: SWC/14/521/20190408/625263 Dated 27.09.2019 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Application No.: SWC/14/521/20190408/625263 Dated 27.09.2019 Approval Number **Approved Built-up Area:** 13.Note on the initiated work (If Not Applicable applicable) 14.LOI / NOC / IOD from MHADA/ Not Applicable Other approvals (If applicable) 15.Total Plot Area (sg. m.) 10268.00 Sq. mt. **16.Deductions** 17.Net Plot area 10,268.00 Sq. mt. a) FSI area (sq. m.): 30,785.60 Sq. mt. 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 36,908.05 Sq. mt. Non-FSI) c) Total BUA area (sq. m.): 67693.65 Approved FSI area (sq. m.): --18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): --DCR Date of Approval: 27-09-2019 19.Total ground coverage (m2) 5313.093 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 51.74 %

### 22.Number of buildings & its configuration

3087071281

to sky)

21.Estimated cost of the project

- Atale (Natiendra Toke)			(M. M. Adtani)
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Serial number	Buildin	ig Name & i	number	Nu	mber of floors	Height of the building (Mtrs)				
1		One Building	[	Ground + Parking flo	1st floor + 2nd to 5th oor + 6th Podium + 7th to 18th floors	75.70				
23.Number tenants an	r of d shops	I.T Support services and I.T Offices								
24.Number expected rusers	r of esidents /	4348 Nos. (Floating population)								
25.Tenant per hectar	density e									
26.Height building(s)	of the )									
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the building(s)	It is well connected by 32.00 m wide Thane Belapur road								
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	9.00 mt.								
29.Existing structure (	J (s) if any	At present there is factory building present on site which will be demolished								
30.Details demolition disposal (I applicable)	of the with f )	Demolition Debris shall be partly recycled and partly shall be disposed to authorized landfill site with permission of MIDC								
			31.P	roduct	tion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not ap	plicable	Not apj	plicable	Not applicable	Not applicable				
		3	2.Tota	l Wate	r Requiremen	t				
SLA										



		Source of	water	M.I.D.C.							
		Fresh wate	er (CMD):	74 KLD							
		Recycled w Flushing (	vater - CMD):	68 KLD							
		Recycled w Gardening	vater - (CMD):	15 KLD							
		Swimming make up (	pool Cum):	NA							
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	157 KLD							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	2 tanks witl	n combine ca	apacity of 20	0 KL	9			
Fire fighting -     30 KL       Overhead water     30 KL       tank(CMD):     31 KL D											
		Excess trea	ated water	31 KLD							
		Source of	water	M.I.D.C./ Pa	artly by RWF	I in monsoon	l season				
		Fresh wate	er (CMD):	74 KLD (53 from MIDC + 21 KLD from RWH)							
		Recycled w Flushing (	vater - CMD):	68 KLD							
		Recycled w Gardening	vater - (CMD):	NA							
		Swimming make up (	pool Cum):	NA							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	142 KLD							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	2 tanks with combine capacity of 200 KL							
		Fire fightin Overhead tank(CMD	ng - water ):	30 KL							
		Excess trea	ated water	46 KLD							
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)				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:	Details shall be submitted				
	Size and no of RWH tank(s) and Quantity:	RWH Tank of Capacity 70 KL				
	Location of the RWH tank(s):	Underground				
34.Rain Water Harvesting	Quantity of recharge pits:	Nil				
(RWH)	Size of recharge pits :	Not applicable				
	Budgetary allocation (Capital cost) :	Rs. 8.00 Lacs				
	Budgetary allocation (O & M cost) :	Rs. 0.31 Lacs/annum				
	Details of UGT tanks if any :	Location of UG tanks: Underground				
	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal SWD.				
35.Storm water drainage	Quantity of storm water:	0.23 m3/sec				
	Size of SWD:	450 mm X 600 mm channel with slope 1:300				
	Sewage generation in KLD:	127 KLD				
	STP technology:	MBBR (Moving Bed Bio Reactor)				
Sewage and	Capacity of STP (CMD):	STP of Capacity 140 KL				
Waste water	Location & area of the STP:	Location: Ground; Area: 113 Sq. mt.				
	Budgetary allocation (Capital cost):	Rs. 52.95 Lacs				
	Budgetary allocation (O & M cost):	Rs. 12.59 Lacs/annum				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	Excavation material shall be disposed to Authorized landfill site.				
and Construction phase:	Disposal of the construction waste debris:	Construction waste material shall be partly reused/ recycled and remaining shall be disposed to the authorized site.				
	Dry waste:	261 Kg/day				
	Wet waste:	174 Kg/day				
Wasto generation	Hazardous waste:	Not applicable				
Waste generation in the operation	Biomedical waste (If applicable):	Not applicable				
	STP Sludge (Dry sludge):	19 kg/day				
	Others if any:	E-waste: 222 kg/month				



Dry waste:			To Authorized recyclers								
		Wet waste:		Treatment in Organic Waste Convertor							
		Hazardous	s waste:	Not applicable							
Mode of of waste:	of waste: Biomedic applicable		Biomedical waste (If applicable):		Not applicable						
		STP Sludg sludge):	e (Dry	Use as man	iure						
		Others if a	ny:	E- Waste: T	o Authorized	d recyclers					
		Location(s	5):	Ground							
Area requirem	ent:	Area for th of waste & material:	ne storage a other	13 Sq. mt.							
		Area for m	achinery:	12 Sq. mt.							
Budgetary	allocation	Capital cos	st:	Rs. 9.00 La	.CS						
O&M cost)	st and	O & M cos	t:	Rs. 0.81 La	.cs/annum		0				
		-	37.Ef	fluent C	harecter	estics					
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestics	Outlet Charec	Effluent terestics	Effluent discharge standards (MPCB)			
1	Not ap	plicable	Not applicable	Not ap	plicable	Not ap	plicable	Not applicable			
Amount of e (CMD):	effluent gene	eration	Not applica	pplicable							
Capacity of	the ETP:		Not applica	cable							
Amount of trecycled :	reated efflue	ent	Not applica	icable							
Amount of v	water send to	o the CETP:	Not applica	ble							
Membershi	p of CETP (if	f require):	Not applica	ible							
Note on ET	P technology	to be used	Not applica	ble							
Disposal of	the ETP sluc	lge	Not applica	ıble							
			<b>38.H</b> a	zardous	Waste I	Details					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Not app	blicable	Not applicable	Not applicable	Not applicable	Not applicable	Not app45) Hazardous Waste Details Description Cat UOM Existing Proposed Total Method of Disposal licable	Not applicable			
			<b>39.S</b>	tacks em	ission D	etails					
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			
1	DG	Set	-								

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40.Details of Fuel to be used										
Serial Number	Тур	e of Fuel			Existing		Proposed		Total	
1		HSD		N	Not applicable	Э				
41.Source of	of Fuel							•		
42.Mode of	Transportat	ion of fuel to	site							
		Total RG a	rea :		Green area mt.	- On ground	: 1106.363 S	Gq. mt. C	)n Podium : 2152.967 Sq.	
		No of trees	s to be	e cut	As per Tree	NOC				
43.Gree	n Belt ment	Number of be planted	trees :	s to	Total 103 N	os. of trees	shall be plan	ted	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Develop		List of prop native tree	posed s :		As shown be	elow			<u>, , , , , , , , , , , , , , , , , , , </u>	
		Timeline for completion plantation	or 1 of :		Before com	pletion of pr	oject		5-	
	44.Nu	mber and	l list	of t	rees spe	cies to b	e plante	d in tl	he ground	
Serial Number	Name of	the plant	Co	ommo	n Name	Qua	ntity	Cha	racteristics & ecological importance	
1	Erythrin	ia indica		Pan	gara	1	.5	It is	s a drought resistant tree	
2	Azadirac	ta indica		Ne	Veem		.6	Large tree, d	tree, fast-growing evergreen rought resistance, Medicinal properties	
3	Cassia	fistula Ba		Bahawa		1	.0	Bea relat slig	utiful yellow flowers, it is ively drought tolerant and ghtly salt tolerant. It has medicinal properties	
4	Mimusoj	ps elengi	ć	Ba	kul	1	2	Its tin edible	nber is valuable, the fruit is , and it is used in traditional medicine.	
5	Lagers flosre	troemia gineae		Tamhan		Tamhan 10		.0	Mee	dium sized tree, beautiful le flowers, it has medicinal properties
6	Cassia j	avanica		Pink shower		wer 10		It is pla is	anted as ornamental plant. It s a butterfly host plant.	
7	Saraca	asoca		Ash	loka	9		Shad	y evergreen tree with red- yellow flowers.	
8	Acacia aur	iculiformis		Maha	Babul	1	.1	Plantee	d as ornamental plant, shady tree	
9	Alstonia	scholaris		Sapt	parni	1	.0	Ev fra	ergreen Shady Tree with grant flowers, Medicinal properties	
10	То	tal		-	-	10	03		-	
45	5.Total qua	ntity of plan	ts on	grou	nd					
46.Num	nber and	list of sh	nrub	s an	d bushes	species	to be pla	anted	in the podium RG:	
Serial Number		Name			C/C Dista	nce			Area m2	
1										

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	47.Energy					
		Source of power supply :	MSEDCL			
		During Construction Phase: (Demand Load)	150 KW			
		DG set as Power back-up during construction phase	As per require	rement		
Dot	NOT	During Operation phase (Connected load):	4158 KW			
require	ement:	During Operation phase (Demand load):	2495 KW	28		
		Transformer:	4 nos. of 1000	00 kVA		
		DG set as Power back-up during operation phase:	1 no. of 750 k	kVA and 2 nos. of 1000 kVA each		
		Fuel used:	HSD			
		Details of high tension line passing through the plot if any:	No			
		48.Energy savi	ng by non-	-conventional method:		
<ul> <li>Provision</li> <li>Use of VF</li> <li>Energy eff</li> <li>Use of Sol</li> </ul>	of LED light Ds ficient system ar power for	s m r external lighting, lift lol	oby passage an	nd staircase lighting, parking lights		
	_	49.Detail	calculatio	ons & % of saving:		
Serial Number	Е	nergy Conservation Me	easures	Saving %		
1		Overall energy savir	ng	25 %		
2						
		50.Details	of pollutio	on control Systems		
Source	Ex	isting pollution contro	l system	Proposed to be installed		
Sewage				STP		
Solid waste				Organic Waste Convertor		
Budgetary (Capital	allocation cost and	Capital cost:	Rs. 26.00 Lac	CS		
O&M	cost):	O & M cost:	Rs. 1.00 Lac/a	/annum		
51	51.Environmental Management plan Budgetary Allocation					
		a) Construc	ction phase	se (with Break-up):		
Serial Number	Attri	butes Para	neter	Total Cost per annum (Rs. In Lacs)		
1	Air Envi	ronment Cost fo Suppr	or Dust ression	0.72		

(Nakendra Toke)			(M. M. Adtani)
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2	Air and Noise Air Environment Sensors			2.50
3	Air and Noise Air Environment Air Environment MoEF & CC Appro Laboratory			0.22
4	Water Environment	Drinking water analysis		0.03
5	Land Environment	Site Sanitation		1.00
6	Health & Hygiene	Disinfection at site - Pest Control		1.20
7	Health & Hygiene	Health Check-up of workers		4.50
	b	) Operation Phas	e (with Break-up	):
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR & NOISE ENVIRONMENT - Cost for Ambient Air quality & Noise Monitoring:On site sensors	On site sensors	No set up cost is involved as already considered Construction Phase	0.50
2	AIR & NOISE ENVIRONMENT - Cost for Ambient Air quality & Noise Monitoring:On site sensors	By outside MoEF & CC Approved Laboratory	*No set up cost is involved	0.22
3	AIR & NOISE ENVIRONMENT - Cost for DG Stack Exhaust Monitoring	2 nos. of stacks	*No set up cost is involved	0.10
4	AIR & NOISE ENVIRONMENT - Cost for Plantation	3259.33 Sq.mt. of Green area	17.93	1.20
5	WATER ENVIRONMENT - Cost for Waste water treatment	Cost for sewage Treatment Plant	34.95	11.59
6	WATER ENVIRONMENT - Cost for water & waste water Monitoring	On site sensors	18.00	1.00
7	WATER ENVIRONMENT - Cost for water & waste water Monitoring	By outside MoEF & CC Approved Laboratory	*No set up cost is involved	0.03
8	WATER ENVIRONMENT - Water Conservation (Cost for Rain Water Harvesting System & Monitoring)	Cost for RWH Tank	5.00	0.25

									_		
9	W ENVIR Water C (Cost for Harvestin Mon	ATER ONMENT - onservation Rain Water ng System & iitoring)	Cost for tre for rain w	eatment vater tan	unit ks		3.00			0.01	
10	W ENVIR Water C (Cost for Harvestin Mon	ATER ONMENT - onservation Rain Water ng System & uitoring)	By outsid CC Ap Labo	e MoEF proved ratory	&	*No	) set up cost involved	t is		0.05	
11	L ENVIR (Cost for Mana	AND ONMENT - Solid Waste agement)	Cost for Tr biodeg garbage	reatment radable e in OWC	t of C	9.00			0.73		
12	L ENVIR (Cost for Mana	AND ONMENT - Solid Waste agement)	Cost for Moni	Cost for Manure Monitoring		*No set up cost is involved		C	0.08		
13	EN CONSERV of renew	IERGY VATION - Us vable energy	e Solar	Solar system		26.00			1.00		
14	Cost towa mana	ards disaster agement				723.00			37.46	5	
51.S	torag	e of ch	emicals	(infl sub	lam sta	nabl Ince	e/expl es)	osiv	/e/haz	zardou	s/toxic
Descrij	Description Status Location		Sto Cap in	prage bacity 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 licable	Not applicable	Not a	pplicable	Not applicable	Not applicable
	52.Any Other Information										
No Informa	No Information Available										
	53.Traffic Management										
	Nos. of the junction to the main road & design of confluence: 3 nos. of entry exits										



	Number and area of basement:	NA				
	Number and area of podia:	2nd to 5th Parking floor & 6th Podium				
	Total Parking area:	16438.09 Sq. mt.				
	Area per car:					
	Area per car:					
Parking details:	Number of 2- Wheelers as approved by competent authority:	Required: 62 Nos. Provision: 96 Nos.				
	Number of 4- Wheelers as approved by competent authority:	Required: 678 Nos. Provision: 766 Nos.				
	Public Transport:	Not Applicable				
	Width of all Internal roads (m):	Min 6.0 mt. driveway				
	CRZ/ RRZ clearance obtain, if any:	Not Applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable				
	Category as per schedule of EIA Notification sheet	8 (a) B2				
	Court cases pending if any	Not Applicable				
	Other Relevant Informations					
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC	SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS					
	Summorised i	n brief information of Project as below.				
Brief information of the project by SEAC						



PP Mr. Ratilal Patodia was present during the meeting along with environmental consultant M/s. Ultra-Tech.

PP informed that, the project under consideration is *new IT park project. PP further stated that, t*he total plot area of the project is 10268.00 Sq.mt having total construction area 67693.65 Sq.mt.(FSI – 30785.60 sq.mt +NON FSI- 36908.05 Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
One Building	Basement + Ground + 1st floor +	93.16
	2nd to 6th Parking floor + 7th	03-
	Podium + 8th to 22nd floors	

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record. Layout showing location of services including environmental infrastructure has

## **DECISION OF SEAC**

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

**Specific Conditions by SEAC:** 

1) PP to explore the possibility that demolition waste and concrete debris can be recycled for making paver blocks and use these to the extent possible in the project itself.

2) As shown during the presentation, PP to upload the Layout showing location of services including environmental infrastructure on the website immediately. PP to produce the same to SEIAA.

**3)** PP to ensure that Derbies management should be as per Construction and Demolition Waste Management Rules 2016. Also the Derbies management plan should approved by local planning authority.

4) PP to ensure that, E-waste management should be as per E-waste management rule, 2016

5) PP to provide adequate (1:5) electric charging points/ stations in parking area.

**6)** PP to upload CFO NoC. Also PP to provide Fire hydrants along with necessary equipment on top of the podium and separate stair case which go direct to the podium for fire man.

7) PP to explore the possibility to increase the solar energy saving from 2 % to 3%.

8) PP to ensure ECBC norms are complied with.

9) PP to obtain the NoC from Petroleum and Explosives Safety Organisation (PESO) for DG set, if required.

**10)** The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.

**11)** PP to submit CER (as per green field) prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.



### FINAL RECOMMENDATION

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

Stiller Colling Manager



# Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

SEAC Meeting number: 116 Meeting Date October 10, 2019

Subject: Environment Clearance for Environment Clearance for Proposed Commercial IT Building development at Plot No. D-107, TTC Industrial area, Shiravane, Nerul, Navi Mumbai.

Is a Violation Case: No	
1.Name of Project	Proposed Commercial IT Building Development
2.Type of institution	Private
3.Name of Project Proponent	Greenscape Realty
4.Name of Consultant	Building Environment (I) Pvt. Ltd.
5.Type of project	Commercial IT Building Development
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot No. D-107, TTC Industrial area, Shiravane, Nerul, Navi Mumbai.
9.Taluka	Thane
10.Village	-
Correspondence Name:	Suresh Ambavi Wavia
Room Number:	1908
Floor:	19
Building Name:	Cyber One
Road/Street Name:	
Locality:	Sector-30A, Behind Odisha Bhavan, Vashi,
City:	Navi Mumbai
11.Whether in Corporation / Municipal / other area	MIDC
12.IOD/IOA/Concession/Plan Approval Number	Commencement Certificate IOD/IOA/Concession/Plan Approval Number: Part Commencement Certificate received: MIDC No.EE/DN.II/MHP/SPA/ B41403/of 2019; Dated- 24/04/2019 Approved Built-up Area: 41738.576
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Commencement Certificate
15.Total Plot Area (sq. m.)	5400.00
16.Deductions	Nil
17.Net Plot area	5400.00
	a) FSI area (sq. m.): 16170.900
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 25567.676
	c) Total BUA area (sq. m.): 41738.576
	Approved FSI area (sq. m.): 16170.900
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 25567.676
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	2709.60
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	50.18 %
21.Estimated cost of the project	847500000

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

(Narendra Toke)			(M. M. Adtani)
Shri Narendra Toke	SEAC Meeting No: 116 Meeting Date: October	Page 94	Shri M.M.Adtani (Chairman
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Serial number	Buildin	ig Name & r	umber	Nu	mber of floors	Height of the building (Mtrs)		
1	1 Bui	ilding with 1	wing	Ground + podiums - podium	lst to 5th Floor Parking + 6th Floor Landscape + 7th to 25th Floors	94.55 Meters		
23.Number tenants an	r of d shops	No. of Shop No. of Office	Vo. of Shops- 08 Vo. of Offices- 175					
24.Number expected r users	r of esidents /	Shops: 180	Persons, Off	fices: 1687 P	ersons, Visitors (15%): 2	80 Persons		
25.Tenant density per hectare 338.90								
26.Height building(s)	of the )					0		
27.Right o (Width of the from	f way the road earest fire the building(s)	road rest fire ding(s)						
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation					00			
29.Existing structure	J (s) if any	Yes , Godow	'n		0			
30.Details demolition disposal (I applicable	of the with f )	Demolition will be used	structure vo with in the	lume:10775 site only)	Cu. M. (demolished meta	al will be used for fencing and debris		
			31.P	Product	ion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not ap	plicable	Not apj	plicable	Not applicable	Not applicable		
		3	2.Tota	l Wate	r Requiremen	it		
SUR								



		Source of	water	MIDC + ST	P treated wa	ter					
		Fresh wate	er (CMD):	39.00							
		Recycled w Flushing (	vater - CMD):	50.00							
		Recycled w Gardening	vater - (CMD):	11.00							
		Swimming make up (	pool Cum):	NA							
Dry season:		Total Wate Requireme :	er ent (CMD)	100.00							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	200.00							
		Fire fightin Overhead tank(CMD)	ng - water ):	30.00			0	3			
		Excess trea	ated water	12.00							
		Source of water			VH + STP tre	ated water					
		Fresh wate	er (CMD):	5.71 (MIDC	) + 33.29 (R	WH) = 39.00	)				
		Recycled w Flushing (	vater - CMD):	50.00							
		Recycled w Gardening	vater - (CMD):	0.00							
		Swimming make up (	pool Cum):	NA							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	89.00							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	200.00							
		Fire fightin Overhead tank(CMD	ng - water ):	30.00							
		Excess trea	ated water	23.00							
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 wate	l of the Ground r table:	Ground water table is below 4 provided.	Meters hen	ce recharge pits are not			
	Size tank Quar	and no of RWH (s) and ntity:	1 RWH tank of 35 KLD					
	Loca tank	tion of the RWH (s):	On Ground					
34.Rain Water Harvesting	Quar pits:	ntity of recharge	NA					
(RWH)	Size :	of recharge pits	NA					
	Budg (Cap	jetary allocation ital cost) :	4.00 Lacs					
	Budg (0 &	getary allocation M cost) :	1.00 Lacs/ Year					
	Deta if any	ils of UGT tanks y :	U/G Tank for Domestic Water U/G Tank for Flushing Water S	Supply- 44,0 Supply- 54,0	000 litres 00 litres			
35.Storm water drainage	Natural water drainage pattern:		The storm drainage above ground will essentially cater for the seasonal rains. The major part of discharge will be from the roof. Rain water outlets will be provided at the edges from where it will be carried down by UPVC agriculture pipes to discharge water into storm water entrance chambers below ground. Dewatering submersible pumps inside the sumps will pump water from the sumps to storm water entrance chambers outside the basement below the ground. Run- off from the ground and terrace will b					
	Quar wate	ntity of storm r:	0.13 cum/sec					
	Size	of SWD:	0.45 x 0.6 m					
	Sewa in Kl	nge generation LD:	80 KLD					
	STP	technology:	Microfiltration technology bas	ed on KSQ I	Flat sheet membrane			
Sewage and	Capa (CMI	city of STP D):	1 STP of 90 KLD					
Waste water	Loca the S	tion & area of STP:	On ground and area 72 Sq. Mtrs.					
	Budg (Cap	jetary allocation ital cost):	10 Lacs					
	Budg (0 &	getary allocation M cost):	4 Lacs/Year					
5		36.Soli	d waste Managen	nent				
Waste generation in	Wast	te generation:	Excavated soil will be used in land leveling purpose & construction debris will be handed over to authorized agency.					
and Construction phase:	Disp cons debri	osal of the truction waste is:	Construction debris will be handed over to Authorized agency.					
	Dry v	waste:	327.17 Kg/day					
	Wet	waste:	218.11 Kg/day					
Waste generation	Haza	rdous waste:	NA					
in the operation Phase:	Biom appli	nedical waste (If icable):	NA					
1 11030.	STP sludg	Sludge (Dry ge):	2.25 Kg/day					
I Shm Alanonana Louis	Othe	ers if any:	NA					
(Secretary SEAC-II)		SLAU Meeting N	10, 2019	of 114	SHIT M.M.Adtani (Chairman SEAC-II)			

		Dry wa	aste:			Dry waste will be handed over to authorize agency.							
		Wet w	vaste	:		Composting	throu	gh OV	VC & u	ised at	t site a	is man	ure.
		Hazar	dous	wast	e:	NA							
Mode of a of waste:	Disposal	Biome applic	edica cable)	l wast ):	e (If	NA							
STP Sludg sludge):		ludg e):	e (Dry	7	Used as manure within the premises for plants. Excess shall be sold /handover to outside parties or gardens.								
		Other	s if a	ny:		E-waste (approx 3 T/Year)							
		Locati	ion(s	):		On ground							
Area requirem	Area for the of waste & material:		for th ste & rial:	e stoi other	rage	30 Sq. Mt.							
		Area f	f <mark>or m</mark>	achin	ery:	30 Sq. Mt.							
Budgetary	allocation	Capita	al cos	st:		7.50 Lacs							
(Capital co O&M cost)	st and :	0 & M	1 cos	t:		3.50 Lacs/ Y	ear					0	
				3	7.Ef	fluent Cl	nare	cter	estic	S			
Serial Number	Parameters			Ur	nit	Inlet E Charect	ffluer eresti	it .cs	Ou Ch	utlet I narect	Efflue erest:	nt ics	Effluent discharge standards (MPCB)
1	Not apj	plicable	<del>)</del>	N appli	ot cable	Not apj	olicabl	е	N	lot apj	plicabl	.e	Not applicable
Amount of e (CMD):	mount of effluent generation Not applica				able								
Capacity of the ETP: Not applica			ble										
Amount of treated effluent Not applica			ble										
Amount of water send to the CETP: Not applica			pplica	ble	6								
Membership of CETP (if require): Not applica			pplica	ble									
Note on ET	P technology	v to be u	ised	Not a	pplica	ble							
Disposal of	the ETP sluc	lge		Not a	pplica	ble							
				3	<b>8.H</b> a	zardous	Was	te D	etai	ls			
Serial Number	Descr	iption		Ca	at	UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1	Not app	plicable		N appli	ot cable	Not applicable	N appli	ot cable	Ne applie	ot cable	N appli	ot cable	Not applicable
				3	<b>89.St</b>	acks em	issio	n D	etail	S			
Serial Number	Section	& unit	s	Fı	iel Us Quai	ed with ntity	Stacl	« No.	Hei fro grou level	ght om und (m)	Inte dian (r	rnal neter n)	Temp. of Exhaust Gases
1	99Lt Fuel Fuel		Jh Spe l Cons 075% trs/Ho d - 132 Tank 990	ed Diesel sumption :- Load – ur @100% 2Ltrs/Hour Capacity :- Ltrs	-	-	3.4	12	0.3				
				4(	).De	tails of F	uel	to be	e use	ed			
Serial Number	Тур	e of Fu	ıel			Existing			Prop	osed			Total
Number     Number       Number     Image: Second state of the sta					M.M.Adtani (Chairman -II)								

1	Not	applicable		Not applicable N		Not applicabl	e	Not applicable	
41.Source of	of Fuel		No	Not applicable					
42.Mode of	Transportat	ion of fuel to	site No	Not applicable					
Total RG area :			rea :	Total RG and and on 6th	rea: 2095.50 Floor Podiu	)4 Sq. Mt. ( R( m: 1530.00 S	G area on q. Mt. )	Ground: 565.504 Sq. Mt.	
No of trees to :		to be cu	It Existing Tr of Trees to	tisting Trees: 18 Nos. (No. of Trees proposed for felling: 11 Nos. No. Trees to be kept as it is: 07 Nos.)					
43.Green Belt Numb be pla		Number of be planted	trees to :	94 Nos.					
Develop	ment	List of prop native tree	posed s :	As mention	ed below				
	Timeline for completion of plantation :		or 1 of :	5 Years				30	
	44.Nu	mber and	l list of	f trees spe	cies to k	oe planteo	d in th	e ground	
Serial Number	Name of	the plant Commo		mon Name	Qua	antity	Chara	cteristics & ecological importance	
1	Citru	is sp. Le:		Lemon		20	Butterfly Pollutic tree, sm	host plant having high Air on Index Tolerance (APIT) all white fragrant flowers.	
2	Nyctanth tris	ies arbor- stis	arbor- Parij		14		Small de	eciduous fast growing tree, beautiful flowers	
3	Cassia	fistula	E	3ahava	10 10		Mediu Beautifu	um sized deciduous tree 11 yellow flowers, Butterfly host plant	
4	Bauhinia	racemosa		Apta 10		10	Smal flowe	ll tree with small white ers, Butterfly host plant	
5	Saraca	a asoka	Sit	ta Asoka		10	Shad	ly tree with Red-Yellow Flowers	
6	Polyalthia	longifolia	Fal	se Asoka		10	Med Pollutic	l. Tree having high Air on Index Tolerance (APIT)	
7	Arec	a sp.		Palm	10			Ornamental	
8	Michellia	champaca	So	anchaffa		10		Ornamental	
45	5.Total qua	ntity of plan	ts on gro	ound					
46.Nun	nber and	list of sh	rubs a	and bushes	s species	s to be pla	anted i	n the podium RG:	
Serial Number		Name		C/C Dista	ance		A	rea m2	
1	Nirgudi, Adulsa, White Plumbago, Ber , Stachytarpheta, Takala, Tarwad, Krushna Kamal						1530	.00 Sq. Mt.	
47.Energy									



L

		Course o	fnorman						
		supply :	r power	MSEDCL					
		During C Phase: (I Load)	onstruction Demand	100 kW					
		DG set as back-up construc	s Power during tion phase	100 kVA					
Dop	NOR	During O phase (C load):	peration onnected	2174 kW					
requirement:		During O phase (D load):	peration emand	1739 kW					
		Transfor	mer:	1000 kVA x	3 nos.				
		DG set as back-up operation	s Power during 1 phase:	600 kVA	600 kVA				
		Fuel use	d:	HSD					
	De ter thi an		f high ine passing the plot if	NA		000			
	48.Energy saving by non-conventional method:								
<ol> <li>LED Light</li> <li>LED Light</li> <li>Saving in</li> <li>Solar Light</li> <li>Solar Power</li> <li>Solar Power</li> <li>Solar Power</li> </ol>	It for Offices Its for Lift Lo I lift by using hting for Ext wer for Lift L wer for Parki	bby passa VFD cernal Ligh obby passa ng Lights	ge and Stairca ting age and Stairc	ise ase Lighting					
			49.Detail	calculati	ons & % of s	saving:			
Serial Number	E	nergy Cor	servation M	easures		Saving %			
1		Annual S	aving only by	Solar 7.5 %					
2		Total	Annual Savin	g 22 %					
		5	0.Details	of polluti	ion control S	Systems			
Source	Exi	isting pol	ution contro	l system		Proposed to be installed			
Not applicable		No	ot applicable	0		Not applicable			
Budgetary	allocation	Capital c	ost:	25.00 Lacs					
(Capital O&M	cost and cost):	0 & M co	st:	1.00 Lacs/ Y	/ear				
51	.Enviro	onmer	tal Mar	nageme	nt plan B	Budgetary Allocation			
		a	Construe	ction pha	se (with Bre	eak-up):			
Serial Number	Attril	outes	Para	meter	Total	l Cost per annum (Rs. In Lacs)			
1	PF	РЕ				5.00			
2	Site Sanitat	ion Facilit	y -	- 4.00					
3	Drinkin Faci	g water ility	-			2.00			
- Ner (Nare	(C Idra Toke)					(M. M. Adtani)			

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4	Solie Mana	d Waste agement	Waste			2.50					
5	Safet platfor crane,	y railing, m, ladder, hoist etc.	railing, 1, ladder, 10ist etc.			6.00					
6	House	e Keeping	-	-				2.00			
7	Heal	th check	-					1.00			
8	Envir Moi	onmental nitoring						1.50			
9	Anti rus foundatio	t coating on on steel bar	-	-				5.00			
	•		b) Operat	ion Ph	ase (wi	th Brea	k-up	):			
Serial Number	Com	ponent	Descr	iption	Capi	tal cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Rain wate (I	er harvestin RWH)	g -			4.00		1.00			
2	Sewage Plar	e Treatment nt (STP)	-			10.00		4.00			
3	Soli Man	d waste agement	-			7.50		3.50			
4	Land	lscaping	-			6.50			0.60		
5	Solar	lighting	-	-		25.00			1.00		
6	I	OMP	-	-		315.71			27.78	3	
51.S	torad	e of ch	emicals	(infl	amahl	e/expl	osiv	e/haz	zardou	s/toxic	
0110	torug		omiouio	sub	stance	es)	001	0/1101		07 002110	
Descri	ption	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	ible	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable	
		<b>C</b> !	52.A	ny Otl	her Info	rmation	1				
No Informa	tion Availa.	ble									
			53.	Traffie	c Manag	gement					
	Nos. of the junction to the main road & design of confluence:     2										



	Number and area of basement:	NA		
	Number and area of podia:	6 Podiums: 1st Floor Podium: 1923.496 Sq. Mt., 2nd Floor Podium: 2612.885 Sq. Mt., 3rd Floor Podium: 2612.885 Sq. Mt., 4th Floor Podium: 2612.885 Sq. Mt., 5th Floor Podium: 2612.885 Sq. Mt. and 6th Floor Podium: 2361.05 Sq. Mt.		
	Total Parking area:	Total Parking Area- 10271.237 Sq. Mt. (Parking area on Ground: 750.00 Sq. Mt., 1st Floor Podium: 1435.197 Sq. Mt., 2nd Floor Podium: 2021.51 Sq. Mt., 3rd Floor Podium: 2021.51 Sq. Mt., 4th Floor Podium: 2021.51 Sq. Mt. and 5th Floor Podium: 2021.51 Sq. Mt.)		
	Area per car:	28.77 Sq. Mt.		
	Area per car:	28.77 Sq. Mt.		
Parking details:	Number of 2- Wheelers as approved by competent authority:	Required: 33 Nos. and Provided: 33 Nos.		
	Number of 4- Wheelers as approved by competent authority:	Required: 356 Nos. and Proposed: 369 Nos.		
	Public Transport:	Nerul Railway Station		
	Width of all Internal roads (m):	9 & 6 Meters		
	CRZ/ RRZ clearance obtain, if any:	NA		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA		
	Category as per schedule of EIA Notification sheet	8 (a) B2		
	Court cases pending if any	NA		
	Other Relevant Informations	NA		
	Have you previously submitted Application online on MOEF Website.	No		
	Date of online submission	-		
SEAC	DISCUSSION	<b>ON ENVIRONMENTAL ASPECTS</b>		
Summorised in brief information of Project as below.				
Brief information of the project by SEAC				



PP Mr. Jayesh was present during the meeting along with environmental consultant M/s. Building Environment (I) Pvt. Ltd.

PP informed that, the project under consideration is *new commercial IT building development project. PP further stated that, t*he total plot area of the project is 5400.00Sq.mt. having total construction area 41738.576Sq.mt. (FSI - 16170.900 sq.mt + NON FSI - 25567.676 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
1 Building with 1 wing	Ground + 1st to 5th Floor Parking podiums + 6th Floor Landscape podium + 7th to 25th Floors	1.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record. Layout showing location of services including environmental infrastructure has been

## **DECISION OF SEAC**

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

Specific Conditions by SEAC:

1) PP informed that there is change in online CS with respect to date of approval of plan. PP to revise the same online also.

**2)** As shown during the presentation, PP to upload the Layout showing location of services including environmental infrastructure on the website immediately. PP to produce the same to SEIAA.

3) PP to ensure that, E-waste management should be as per E-waste management rule, 2016

**4)** PP to increase the solar energy saving from 1.5 % to 4%.

5) PP to provide Fire hydrants along with necessary equipment on top of the podium and separate stair case which go direct to the podium for fire man.

6) PP to abide the all conditions of CFO NoC.

7) The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.

**8)** PP to submit CER (as per green field) prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.

#### FINAL RECOMMENDATION

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

(Nakendra Toke)			(M. M. Adtani)
Shri Narendra Toke	SEAC Meeting No: 116 Meeting Date: October	Page 103	Shri M.M.Adtani (Chairman
(Secretary SEAC-II)	10, 2019	of 114	SEAC-II)

#### Agenda of 116th Meeting of State Expert Appraisal Committee-2 (SEAC-2)

#### SEAC Meeting number: 116 Meeting Date October 10, 2019

**Subject:** Environment Clearance for for proposed SRA Scheme on land bearing C.S. no. 110 (pt.) of Lower Parel Division, Mumbai City District, at Manjrekar Lane, Gandhi Nagar, Worli, Mumbai-400 018 for "PAREL LOKSEVA SRA CHS LTD."

#### Is a Violation Case: No

1.Name of Project	Environmental clearance for proposed SRA Scheme for Parel Lokseva Co. Op. HSG Society at Worli
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajesh Jain
4.Name of Consultant	Building Environment India Pvt. Ltd.
5.Type of project	Building construction
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	C.S. no. 110(PT)
9.Taluka	Mumbai
10.Village	Lower Parel
Correspondence Name:	Mr. Sunil Dujari
Room Number:	807/808
Floor:	8th Floor
Building Name:	Hubtown Solaris
Road/Street Name:	N.S. Phadke Marg
Locality:	Near Regency Hotel
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
	Rehab :- SRA/ENG/2774/GS/ML/AP dtd. 08.04.2019 Sale :- SRA/ENG/3822/GS/ML/AP dtd. 08.04.2019
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Rehab :- SRA/ENG/2774/GS/ML/AP dtd. 08.04.2019 Sale :- SRA/ENG/3822/GS/ML/AP dtd. 08.04.2019
7	Approved Built-up Area: 22624.64
13.Note on the initiated work (If applicable)	Rehab building construction is in process. Till date constructed BUA is 8658.82 sq.m. It is not a violation case as per circular by Environment Department, no. ENV 2013/CR 39/TC-1 dtd 21st April 2015
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	SRA/ENG/798/GS/ML/LOI SRA/ENG/718/GS/ML/LOI dtd. 02.04.2019
15.Total Plot Area (sq. m.)	2348.40 sq.m
16.Deductions	4.57 sq.m
17.Net Plot area	2343.83 sq.m
	a) FSI area (sq. m.): 14639.27 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<b>b) Non FSI area (sq. m.):</b> 12768.59 sq.m
	c) Total BUA area (sq. m.): 27407.86
	Approved FSI area (sq. m.): 11782.56 sq.m
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 10842.08 sq.m
	Date of Approval: 08-04-2019
19.Total ground coverage (m2)	1454.43 sq.m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	62.05

Nakendra Toke)			(M. M. Adtani)
Shri Narendra Toke	SEAC Meeting No: 116 Meeting Date: October	Page 104	Shri M.M.Adtani (Chairman
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<b>21.Estimated cost of the project</b> 114500000	21.Estimated cost of the project	1145000000
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# 22.Number of buildings & its configuration

22.Number of buildings & its configuration							
Serial number	Building Name & number		r	Number of floors	Height of the building (Mtrs)		
1	Reh	ab building no. 1	One Ba	sement, Ground, 23 upper floors	75.10 mt. (upto OHT top)		
2	Sal	e building no. 2	One (shops/ (shops/ 21 shops/c 3rd floc 4th to	One Basement, Ground floor (shops/commercial), 1st floor part (shops/commercial/part parking), 2nd floor part (offices/ shops/commercial part parking), 3rd floor Podium for amenity and 4th to 40th Residential upper floors			
23.Number tenants an	r of d shops	Rehab Building Residential: 146, S Woman Entrepren Total: 201 Sale Building Shops: 18, Flats: 1 Total: 158	Shops: 32, RC: eurship: 1, PAI 40	6, Balwadi: 1, Welfare Cente 2: 11	er: 1, Society office: 2, Library: 1,		
24.Number of expected residents / users Rehab: 732 nos. Sale: 751 nos.							
25.Tenant density per hectare 650							
26.Height of the building(s)							
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)       13.4 m Manjrekar road and 27.45 m Drainage channel marg.							
28.Turning radius for easy access of fire tender       9 m. site is accessible from 2 side Roads (13.40mt. & 27.45mt.)         around the building excluding the width for the plantation       9 m. site is accessible from 2 side Roads (13.40mt. & 27.45mt.)					t.)		
29.Existing structure (	9.Existing Slums existed on site which are demolished.						
30.Details of the demolition with disposal (If applicable) Slum demolition debris will be disposed at place at NMSEZ additional Phase-I, Kalamboli, Talul Panvel as per NOC received from MCGM.							
		3	1.Produ	ction Details			
Serial Number	Pro	duct Exi	sting (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not apj	plicable N	ot applicable	Not applicable	Not applicable		
		32.T	otal Wat	ter Requiremen	t		

Source of water			water	MCGM and recycled water								
		Fresh wate	er (CMD):	Rehab: 61.0 (including 0.6 KLD for Car washing) Sale: 68.0 (including 3.6 KLD for Car washing)								
Dry season:		Recycled w Flushing (	vater - CMD):	Rehab: 31.0 Sale: 32.5								
		Recycled w Gardening	vater - (CMD):	Rehab: 0.5 Sale: 1.7								
		Swimming make up (	pool Cum):	Rehab: 0.0 Sale: 4.3 (by Tanker supply)								
		Total Wate Requireme :	er ent (CMD)	Rehab: 92.5 Sale: 106.5 Total: 199.0								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Rehab: tank 1 (75.0 m3), tank 2 (75.0 m3), tank 3 (50 m3) Sale: 300.0 m3								
		Fire fightin Overhead tank(CMD)	ng - water ):	Rehab: 38.0	Rehab: 38.0 Sale: 30.0							
		Excess trea	ated water	About 110 I municipal s	KLD excess t ewer as per	reated sewa norms.	ge shall be d	ischarged in	to			
		Source of v	water	MCGM, RW	H and recyc	led water						
Wet season:		Fresh wate	er (CMD):	Rehab: 33.0	) Sale: 32.0							
		Recycled w Flushing (	vater - CMD):	Rehab: 31.0 Sale: 32.5								
		Recycled w Gardening	vater - (CMD):	Rehab: 0.0 Sale: 0.0								
		Swimming make up (	pool Cum):	Rehab: 0.0	Sale: 4.3 KL	D (by Tanker	supply)					
		Total Water Requirement (CMD) :		Rehab: 64.0 Sale: 69.0								
		Fire fighting - Underground water tank(CMD):		Rehab: tank m3	x 1 (75.0 m3)	), tank 2 (75.	0 m3), tank	3 (50 m3) Sa	le: 300.0			
		Fire fightin Overhead tank(CMD	ng - water );	Rehab: 38.0 Sale:30.0								
	Excess trea	ated water	ter About 113 KLD of excess treated sewage will be discharged into municipal sewer as per norms.									
Details of Swimming pool for Sale building pool (If any) Swimming pool for Sale building Area: 119.81 sq.m Volume: 161.74 m3												
33.Details of Total water consumed												
Particula rs	a Consumption (CMD)			Loss (CMD) Effluent (CMD)					D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			

	Level wate	l of the Ground r table:	4.3 m BGL						
34.Rain Water Harvesting (RWH)	Size tank Quan	and no of RWH (s) and htity:	No. of tank: 1 Size: 64 cum						
	Loca tank	tion of the RWH (s):	Sale building basement						
	Quan pits:	ntity of recharge	0						
	Size :	of recharge pits	0						
	Budg (Cap	jetary allocation ital cost) :	10 Lacs						
	Budg (0 &	jetary allocation M cost) :	0.02 Lacs						
	Deta if any	ils of UGT tanks y :	Rehab: Fire tank 1 (75.0 m3), Fire tank 2 (75.0 m3), Fire tank 3 (50 m3), Flush tank (25 m3), Commercial domestic tank (10 m3) Sale: Fire tank (300.0 m3), Flush tank (55 m3), Domestic water (107 m3), RWH (64 m3)						
	Natu drain	ral water age pattern:	Natural drainage slope is towards South direction. Slope of SWD channel is 1:200						
35.Storm water drainage	Quan wate	ntity of storm r:	0.041 m3/sec						
	Size	of SWD:	Area of drain channel: 0.135 sq.m						
	Sewa in KI	ge generation LD:	Rehab: 86 KLD Sale: 90 KLD						
Sewage and Waste water	STP	technology:	MBBR						
	Capa (CMI	city of STP D):	Rehab: 94 CMD Sale: 99 CMD						
	Loca the S	tion & area of STP:	Rehab: Below ground level (65 sq.m) Sale: Basement (111 sq.m)						
	Budg (Cap	jetary allocation ital cost):	1.2 Cr						
	Budg (0 &	getary allocation M cost):	12 Lacs						
36.Solid waste Management									
Waste generation in the Pro Construction		e generation:	Soil, Sand & Gravel: 746475 Kg Brick & Masonary: 642798 Kg Concrete: 476914.7 Kg Metals: 103677 Kg Bitumen: 41471 Kg Wood: 41471 Kg Others: 20735 Kg						
and Construction phase:	Dispo const debri	osal of the truction waste is:	Construction debris will be used for levelling at site and excess will be disposed as per MCGM NOC at NMSEZ additional Phase-I, Kalamboli, Taluka Panvel.						
	Dry v	waste:	Rehab: 149 Kg/day Sale: 145 Kg/day						
	Wet waste:		Rehab: 214 Kg/day Sale: 202 Kg/day						
	Hazardous waste:		NA						
Waste generation in the operation Phase:	Biomedical waste (If		NA						
	STP Sludge (Dry sludge):		Rehab: 10kg/day Sale: 8kg/day						
	Othe	rs if any:	-						
Shri Narendra Toke     SEAC Meeting No: 116 Meeting Date: October     Page 107     Shri M.M.Adta       (Secretary SEAC-II)     10, 2019     of 114     SEAC-II)									

Dr		Dry waste:		Will be han	Will be handed over to authorized vendor					
Mode of Disposal of waste: STP sluce		Wet waste	•	Composting through OWC						
		Hazardous waste:		NA	NA					
		Biomedical waste (If applicable):		NA	NA					
		STP Sludg sludge):	STP Sludge (Dry sludge):		Sludge will be treated in OWC and used as manure in gardening.					
Others if a			ny:	-	-					
	Location(s		):	Rehab: Gro	und floor S	Sale: 1st Podiu	m			
Area for the of waste & material:		e storage other	er Rehab: 2.5 sq.m Sale: 2.5 sq.m							
		Area for m	achinery:	Rehab: 4.42	lehab: 4.42 sq.m Sale: 4.42 sq.m					
Budgetary	allocation	Capital cos	st: 20 Lacs							
(Capital co O&M cost)	st and	0 & M cos	t:	5.6 Lacs				5		
			<b>37.</b> E	ffluent C	harecte	restics				
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluent terestics	Outlet Charect	Effluent terestics	Effluent discharge standards (MPCB)		
1	Not applicable		Not applicable	, Not ap	plicable	Not ap	plicable	Not applicable		
Amount of effluent generation (CMD):			Not applicable							
Capacity of the ETP:		Not applicable								
Amount of treated effluent recycled :		Not applicable								
Amount of water send to the CETP: N			Not applic	able	<u>,</u>					
Membership of CETP (if require):			Not applie	able						
Note on ETP technology to be used		Not applie	able							
Disposal of the ETP sludge Not appl				able						
			<b>38.</b> H	azardous	Waste	Details				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Not app	plicable	Not applicable	Not applicable	Not Not applicable applicable		Not applicable	Not applicable		
			39.5	stacks em	ission I	Details				
Serial Number	erial mber Section & units		Fuel Used with Quantity		Stack No	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Not applicable		Not aj	Not applicable		Not applicable	Not applicable	Not applicable		
			<b>40.D</b>	etails of <b>H</b>	Fuel to I	be used				
Serial Number	Serial Type of Fuel			Existing		Proposed		Total		
1	Not	applicable		Not applicabl	e	Not applicable	Not applicable Not ap			
41.Source of	of Fuel		Not	applicable	applicable					
42.Mode of	Transportat	ion of fuel to	site Not	applicable						

- Atab (Narendra Toke)			(M. M. Adtani)						
Shri Narendra Toke	SEAC Meeting No: 116 Meeting Date: October	Page 108	Shri M.M.Adtani (Chairman						
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				-					
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43.Green Belt Development		Total RG area : No of trees to be cut : Number of trees to be planted :		As per required: - Rehab:- 125.00 sq.m Sale :- 82.00sq.m As provided: Rehab:- 125.00 sq.m Sale :- 82.00sq.m RG on Ground: 207.00 sq.m RG on Podium: 123.80 sq.m Total: 330.8 sq.m					
				nil					
				25	25				
		List of proposed native trees :		Sonchafa, s	Sonchafa, scarlet cordia, Kanchan tree, Frangipani and Parijatak				
		Timeline for completion of plantation :		After comp	After completion of Construction and before obtaining O.C				
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be plante	d in the ground			
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance			
1	Magnolia champaca		Sonchafa		04	It is a large evergreen tree with a close tapering conical to cylindrical crown composed of ascending branches. The tree is also used in reforestation projects. is commonly cultivated as an ornamental and wayside tree throughout the tropics, being valued especially for its fragrant flowers, which are often used in religious ceremonies			
2 Cordia sebestena		Scarlet cordia		05	Scarlet cordia is a small shapely tree which grows up to be 25 feet tall and as wide and can develop a trunk 12 inches thick. Flowers are orange, with a narrowly crinkly tube, flaring open into a flat-faced flower				
3	Bauhinia purpurea		Kan	chan	06	Bauhinia purpurea is a small to medium-sized deciduous fast- growing tree. The tree has ornamental value because of its gorgeous flowers			
4	Plumeria alba Fran		Franç	yipani	04	A small tree, planted as an ornamental. Trunk is usually leaning and often branched. Leaves are long, narrow, clustered near the end of branches. Branches have many scars showing where leaves have fallen off. White latex drips out where a leaf is broken off, or from any cut in bark or stems			
5	Nyctanthes arbor tristis Pari		Pari	jatak	06	Grows as large shrub or small tree depending on how it is trained. The large attractive leaves are rough and hairy. The sweet scented flowers are small, attractive with white petals and an orange-red tube in center			
45	5.Total qua	ntity of plar	nts on grou	nd					

Shri Narendra Toke (Secretary SEAC-II)	SEAC Meeting No: 116 Meeting Date: October 10, 2019	Page 109 of 114	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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46.Number and list of shrubs and bushes species to be planted in the podium RG:								
Serial Number	Name		C/C Distance			Area m2		
1	Cape Jasmine		450 mm			9.10		
2	Parrot Flower			250 mm		20.87		
3	Lady Palm			600 mm		23.62		
4	Umb	orella Plant		350 mm	19.64			
5	Tasm	an Flax Lily		200 mm 3.77				
				47.Energ	<b>y</b>			
		Source of power supply :		BEST	BEST			
		During Construction Phase: (Demand Load)		350 KW				
		DG set as Power back-up during construction pha	ase	no		05		
Dog	MOR	During Operation phase (Connected load):		Rehab: 2116 KW Sale: 3333 KW Total: 5449 KW				
require	ement:	During Operation phase (Demand load):		Rehab: 948 KW Sale: 1593 KW Total: 2540 KW				
		Transformer: 1*		1* 1630 KVA				
		DG set as Power back-up during operation phase:		Rehab: 1*700 KVA Sale: 1*700 KVA				
		Fuel used:		HSD				
		Details of high tension line passing through the plot if any:		NA				
		48.Energy	savi	ng by non-cor	iven	tional method:		
Total energ Energy savi	y saving: 19 ng through s	.5 % solar system: 8.05 °	%					
		49.De	tail	calculations &	& %	of saving:		
Serial Number	Energy Conservation Me			easures Saving %		Saving %		
1	LED fittings for flats and			shops 40				
2	LED lights for parking, lobby, terrac			ce and road lights 60		60		
3	Solar hot water syste			em 20		20		
4	Use of BEE certified motors fo			or car lifts 20				
		50.Deta	ails	of pollution c	ontr	rol Systems		
Source	Ex	isting pollution c	ontro	l system		Proposed to be installed		
Domestic Sewage and waste	tic ge Not applicable sste					STP, OWC		

(Narendra Toke)			(M. M. Adtans)
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Budgetary (Capital	allocation	Capital	Capital cost:		5					
O&M cost):		О&Мс	O & M cost:		5					
51	51.Environmental Management plan Budgetary Allocation									
a) Construction phase (with Break-up):										
Serial Number	Attr	butes Parameter				Total Cost per annum (Rs. In Lacs)				
1	Dust su	ppression	Water sp	prinkling	ſ			6.0		
2	2 EHS disi		Site san disinfection chec	Site sanitation, disinfection & Health check up				10.0		
3	Enviro mon	onmental itoring	Ambient A monitor qua	Air, Nois ing, Soil ılity	se			17.0		6
			b) Operat	ion Pl	hase (w	ith Brea	k-up	):	2	
Serial Number	Com	ponent	Descr	iption	Cap	ital cost Rs Lacs	. In	Opera C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	О	WC	Solid manag	waste Jement		20		5.6		
2	05	STP	Sewage ma	anageme	ent	120			12.0	
3	RWH	system	Water cor	nservatio	on	10			0.02	
4	Solar	panels	Energy co	nservati	on	60			12	
5	5 Landscaping		Green develo	en belt lopment		150			1.0	
51.S	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)									
Description S		Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation
Not applicable Not applicable		Not applica	Not applicable		Not Not applicable Not a		pplicable	Not applicable	Not applicable	
	52.Any Other Information									
No Informa	tion Availal	ole								
	<u>S</u> Y		53.	Traffi	c Mana	gement				
Nos. of th to the ma design of confluence			the junction tain road & of nce:	Two						



	Number and area of basement:	Rehab: 241.01 sq.m. Sale: 588.38 sq.m				
	Number and area of podia:	Rehab: Nil Sale: 1st Podium (677.68 sq.m) 2nd Podium (673.50 sq.m)				
	Total Parking area:	Rehab: 50.92 Sq.mt Sale: 52.83 sq.mt.				
	Area per car:	13.8 sq.m				
	Area per car:	13.8 sq.m				
Parking details:	Number of 2- Wheelers as approved by competent authority:	Nil				
	Number of 4- Wheelers as approved by competent authority:	Rehab: 30 nos. Sale: 179 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)				
	Court cases pending if any	No				
	Other Relevant Informations	-				
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS				
5	Summorised i	n brief information of Project as below.				
Brief information of the project by SEAC						



PP Mr.Rajesh Jain was present during the meeting along with environmental consultant M/s. Building Environment India Pvt. Ltd.

PP informed that, the project under consideration is building construction *project. PP further stated that, the total plot area of the project is 2348.40 Sq.mt having total* construction area 27407.86 Sq.mt. (FSI – 14639.27 sq.mt +NON FSI- 312768.59Sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Rehab building no. 1	One Basement, Ground, 23 upper	75.10 mt.
	floors	
Sale building no. 2	One Basement, Ground floor (shops/commercial), 1st floor part (shops/commercial/part parking), 2nd floor part (offices/ shops/commercial part parking) , 3rd floor Podium for amenity and	upper142.85 mt. (upto LMR top) floors
	4th to 40th Residential	

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, synopsis of compliances, form 1, 1A, presentation & plans submitted are taken on the record. Layout showing location of services including environmental infrastructure has

## **DECISION OF SEAC**

In view of above, the proposal is deferred and shall be considered only after the compliance of below observations.

**Specific Conditions by SEAC:** 

1) PP to submit & upload the copy of acknowledgement for plan submitted to local planning authority for FSI 14639.27 Sq.mt

**2)** PP to submit dated Architect certificate addressing to committee regarding building wise construction (Configuration, FSI, NoN-FSI, TBUA) approvals from local Authority, actual construction done and proposed expansion.

3) As agreed by PP, PP to relocate the substation & to provide the requisite RG on ground. PP to submit the revised RG calculations.

**4)** PP to submit the revised drawing regarding both STPs showing 40% area of STP tanks open to sky for adequate ventilation.

5) PP to submit HRC NoC.

**6)** PP to increase the solar energy saving from 2 % to 5% by providing solar panels.

Natendra Toke)			(M. M. Adtani)
Shri Narendra Toke	SEAC Meeting No: 116 Meeting Date: October	Page 113	Shri M.M.Adtani (Chairman
(Secretary SEAC-II)	10, 2019	of 114	SEAC-II)

## FINAL RECOMMENDATION

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

