## Agenda of 96th Meeting of State Expert Appraisal Committee (SEAC-2)

#### SEAC Meeting number: 96 Meeting Date April 15, 2019

**Subject:** Environment Clearance for Residential cum Commercial project at Old S.No. 92 and S.No. 260pt New 12pt S.No. 85/5pt, Mahajanwadi, Tal. Bhayandar 401107, by M/s. Man Vastucon LLP.

Is a Violation Case: No							
1.Name of Project	AARADHYA HIGH PARK						
2.Type of institution	Private						
<b>3.Name of Project Proponent</b>	M/s. Man Vastucon LLP						
4.Name of Consultant	Enviro Analysts & Engineers Pvt. Ltd.						
5.Type of project	Residential cum Commercial project						
6.New project/expansion in existing project/modernization/diversification in existing project	New						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No						
8.Location of the project	Old S.No. 92 and S.No. 260pt New 12pt S.No. 85/5pt						
9.Taluka	Bhayandar						
10.Village	Mahajanwadi						
Correspondence Name:	M/s. Man Vastucon LLP						
Room Number:							
Floor:	12th Floor						
Building Name:	Krushal Commercial Complex						
Road/Street Name:	Ghatkopar Mahul Road						
Locality:	Chembur West						
City:	Mumbai, Maharashtra 400089						
11.Area of the project	MBMC						
12.IOD/IOA/Concession/Plan Approval Number	CC received. Date: 30/11/2018 IOD/IOA/Concession/Plan Approval Number: C.C. Number MB/MNP/NR/5024/2018-19. Date: 30/11/2018						
	Approved Built-up Area: 48988.19						
13.Note on the initiated work (If applicable)	0						
14.LOI / NOC / IOD from MHADA/	No						
Uther approvals (II applicable)	2 716E1.00						
16 Deductions	16200 06 com (DD Dood AOC Engreenshment)						
17 Not Plot area	55262.04 grm						
17.Net Hot alea	a) FSI area (sg. m) · 73249.84						
18 (a).Proposed Built-up Area (FSI &	b) Non ESI area (sq. m.): 89500 76						
Non-FSI)	c) Total BUA area (sg. m.): $162750.60$						
	<b>Approved FSI area (sq. m.)</b> : $102750.00$						
18 (b).Approved Built up area as per	Approved 151 area (sq. m.), 40500.15						
DCR	Approved Non FSI area (sq. m.): /0/11.31 Date of Approval, 20.11.2019						
19 Total ground coverage (m2)	10004 04						
20. Ground-coverage Percentage (%)							
(Note: Percentage of plot not open to sky)	18.27 %						
21.Estimated cost of the project	5505500000						
1 5							

## 22.Number of buildings & its configuration



Serial number	Buildin	g Name & numb	er N	umber of floors	Height of the building (Mtrs)			
1	Phase I:	Гower A, B, C, D, I	E, F 2 Basemer + Top Po	2 Basements + Ground + 1 Podium + Top Podium + 30 Upper Floors 101.70 m				
2	Pha	ise I: Building G	Stil	Stilt + 3 Upper Floor 12.0 m				
3	Pha	ise I: Building H	Ground	Floor + 1 Upper Floor	7.65 m			
4	Pha	ase I: Building I	Gr	ound Floor + 4pt	15.0 m			
5	Pha	ase I: Building J	1 Baseme	nt + Ground Floor + 3pt	14.95 m			
23.Number tenants an	r of d shops	Tenants: 1240 no Shops: 40 no's	's					
24.Number expected r users	r of esidents /	6383 no's						
25.Tenant per hectar	<b>density</b> e	178 per hectare						
26.Height building(s)	of the )				a'r			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)					<b>SC</b>			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation				×.000				
29.Existing structure	J (s) if any	Electrical Substa	tion to be retained					
30.Details of the demolition with disposal (If applicable)								
			<b>31.Produc</b>	tion Details				
Serial Number	Pro	duct Ex	isting (MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not app	olicable 1	Not applicable	plicable Not applicable Not applicable				
	32.Total Water Requirement							



		Source of	water	MBMC, Red	cycled water	from STP an	nd RWH				
		Fresh wate	er (CMD):	559	59						
		Recycled w Flushing (	vater - CMD):	281							
		Recycled w Gardening	vater - (CMD):	39							
		Swimming make up ((	pool Cum):	-							
Dry season:		Total Wate Requireme :	er ent (CMD)	879	879						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	900							
	Fire fightin Overhead v tank(CMD)	ng - water ):	180				3				
		Excess trea	ated water	385 KLD							
		Source of v	water	MBMC, Red	cycled water	from STP					
		Fresh wate	er (CMD):	559							
		Recycled w Flushing (	vater - CMD):	281							
			vater - (CMD):	0							
		Swimming make up ((	pool Cum):	-							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	840							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	900	900						
		Fire fightin Overhead y tank(CMD)	ng - water ):	180							
		Excess trea	ated water	424 KLD							
Details of pool (If an	Swimming y)	- ()									
		3	3.Detail	s of Tota	l water o	consume	d				
Particula rs	Cons	sumption (C	EMD)	Loss (CMD) Effluent (CMD)				D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		

	Level of the Ground water table:	12 m					
	Size and no of RWH tank(s) and Quantity:	Total Storage Capacity: 315 KLD and Total No. of tanks: 6 no's.					
34.Rain Water	Location of the RWH tank(s):	1st basement Level					
	Quantity of recharge pits:	0					
Harvesting (RWH)	Size of recharge pits :	0					
()	Budgetary allocation (Capital cost) :	Rs. 25 Lakh					
	Budgetary allocation (O & M cost) :	Rs. 3 lakh/ annum					
	Details of UGT tanks if any :	12 no's of Domestic Water Tanks. Total tank Capacity: 590 cum 2 no's of Firefighting Water Tanks. Total tank Capacity: 900 cum 6 no's of Flushing Water Tanks. Total tank Capacity: 295 cum 6 no's of Rain Water Harvesting Tanks. Total tank Capacity: 315 cum					
	-						
	Natural water drainage pattern:	East to West					
drainage	Quantity of storm water:	3.6 m3/sec					
	Size of SWD:	0.6m × 0.9m					
	_						
	Sewage generation in KLD:	785					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	No. of STP: 1 no. Total Capacity for Phase1: 800 KLD					
Waste water	Location & area of the STP:	Location: Ground Level. Area for Phase 1: 668.10 sqm					
	Budgetary allocation (Capital cost):	Rs. 75 lakh					
	Budgetary allocation (O & M cost):	Rs. 10 lakh/annum					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	Excavated Material, Top Soil Material, Road Filling Material					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	It will be reused					
	Dry waste:	1272 Kg per day					
	Wet waste:	1874 kg per day					
Wasto goneration	Hazardous waste:	NA					
in the operation	Biomedical waste (If applicable):	NA					
I HUGO,	STP Sludge (Dry sludge):	39 kg per day					
	Others if any:	NA					
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		Dry waste:		Recycling p	Recycling process					
		Wet waste	•	OWC						
		Hazardous	waste:	NA						
Mode of of waste:	Disposal	Biomedica applicable	l waste (If ):	NA	NA					
		STP Sludg sludge):	e (Dry	shall be use	ed as la	indsca	ping			
		Others if a	ny:	NA						
		Location(s	):	Ground leve	el					
Area requirem	ent:	Area for th of waste & material:	e storage other	112 sqm						
		Area for m	achinery:	10 sqm						
Budgetary	allocation	Capital cos	st:	Rs. 16 Lakh	1					
(Capital co O&M cost)	st and	O & M cos	t:	Rs. 4 Lakh						
			37.Ef	fluent C	hare	cter	estics			
Serial Number	Paran	neters	Unit	Inlet E Charect	Effluen teresti	t cs	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicable	Not ap	plicabl	e	Not apj	plicable	Not applicable	
Amount of effluent generation Not application (CMD):				licable						
Capacity of	the ETP:		Not applica	ble						
Amount of treated effluent Not applicable										
Amount of v	water send to	o the CETP:	Not applica	ble	5					
Membershi	p of CETP (if	require):	Not applica	lble						
Note on ET	P technology	to be used	Not applica	ble						
Disposal of	the ETP sluc	lge	Not applica	ble						
			38.Ha	zardous	Was	te D	etails			
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Total	Method of Disposal	
1	Not app	plicable	Not applicable	Not applicable	No applio	ot cable	Not applicable	Not applicable	Not applicable	
			<b>39.S</b>	tacks em	issio	n De	etails			
Serial Number	Section	& units	Fuel Us Qua	ed with ntity	Stack	x No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	1 Not applicable Not app			plicable	No applio	ot cable	Not applicable	Not applicable	Not applicable	
			40.De	tails of <b>F</b>	<b>uel</b> t	to be	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed		Total	
1	Not	applicable	1	Not applicabl	е	N	lot applicabl	e	Not applicable	
41.Source of	of Fuel		Not a	pplicable						
42.Mode of	Transportat	ion of fuel to	site Not a	Not applicable						

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		Total RG a	rea :	Proposed R	G area on gr	ound: 8418.	82 Sq.m			
43.Green Belt		No of trees	No of trees to be cut :		50 no's					
		Number of be planted	trees to	313 no's						
Develop	ment	List of prop native tree	posed es :	As listed be	low					
		Timeline for completion plantation	or 1 of :	Approximat	ely 7 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	Commo	n Name	Quar	ntity	Characteristics & ecological importance			
1	Azadirac	hta indica	Ne	em	17 1	10'S	Helps to prevent Soil erosion, Effective shade tree.			
2	Bauhinia	purpurea	Purple Kan	Orchid, chan	25 1	10'S	Medium sized, Ornamental Tree, Scented flowers			
3	Bauhinia	blakeana	Hong Koi	ng Orchid	7 n	0'S	Medium sized, Ornamental Tree, Scented flowers			
4	Butea Mo	onosperma	Pal	ash	20 1	10'S	Medium sized deciduous tree ,Butterfly host plant			
5	Delonix regia Gulm		ohar 25 no's		10'S	Medium sized deciduous Tree, Medicinal uses				
6	Lagerstromia Indica Pride o		of India	dia 3 no's		Medium sized deciduous tree & ornamental				
7	Mimusops elengi Baku		l tree	ree 42 no's		Large sized deciduous Tree, Ornamental uses				
8		-		-			-			
9		-		-			-			
10		-					-			
11		-		-	-		-			
12		-		-	-		-			
13		-		-	-		-			
14		-		-	-		-			
15				-	-		-			
16				-	-		-			
17				-	-		-			
18	5	-	,	-	-		-			
19		-		-	-		-			
45	5.Total qua	ntity of plan	its on grou	nd						
46.Nun	ıber and	list of sl	nrubs an	d bushes	species	to be pla	anted in the podium RG:			
Serial Number	Name		C/C Dista	nce	_	Area m2				
1	Bauhi	nia purpurea		3m			-			
2	Cas	sla flstusa		2.5m			-			
3	Mllngte	onla hortensi	S	2m			-			
4	Murr	aya koenlgl		2.5m			-			
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5	Nyclanthus Arborla		2.5m -						
6	Sar	aca indica		2.5m		-			
7	Scheffle	ra actlnophyla		2m		-			
8	Tamr	indus indica		4.2m		-			
9	Tabebul	a impetlglnosa		2m		-			
10	Termlı	nalla mantaly		3m		-			
11	Arec	a catacheu		3m		-			
12		-		-		-			
				47.Energy	y				
		Source of power supply :		Maharashtra State	Electr	ricity Distribution Company Limited			
		During Construc Phase: (Demand Load)	tion	500 kVA					
		DG set as Power back-up during construction pha	ase	125 kVA		00			
Dor	MOR	During Operation phase (Connecter load):	on ed	15309 kW	15309 kW				
requirement: During Operation phase (Demand load):		n	4986 kW						
		Transformer:		4 no's					
	DG set as Power back-up during operation phase:		•	2 no's . 750 kVA.					
		Fuel used:		HSD					
		Details of high tension line pass through the plot any:	sing t if	NA					
		48.Energy	savi	ng by non-con	vent	tional method:			
<ul> <li>Common a</li> <li>Use of ele</li> <li>Providing</li> <li>Use of hyd</li> <li>Use of BE</li> <li>Use of AP</li> <li>Use of sol</li> </ul>	<ul> <li>Common area lighting, street lighting and landscape lighting on LED</li> <li>Use of electronic ballast instead of copper ballast</li> <li>Providing timers for common area lighting</li> <li>Use of hydro- pneumatic pumping system/ventilation &amp; lifts with VFD drives and soft starter</li> <li>Use of BEE star rated pumps</li> <li>Use of APFC panels</li> <li>Use of solar water heater panels and solar PV panels</li> </ul>								
	9	<b>49.De</b>	tail	calculations &	<b>k % (</b>	of saving:			
Serial Number	E	nergy Conservati	on M	easures		Saving %			
1	Total % Savings					22.30 %			
2		-				-			
		50.Deta	ails	of pollution co	ontro	ol Systems			
Source	Ex	isting pollution c	ontro	l system		Proposed to be installed			
Not applicable		Not applic	able			Not applicable			

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Budgetary	udgetary allocation     Capital cost:     Rs. 64 lakh										
(Capital O&M	cost and cost):	O & M cos	it:	Rs. 2.5	lakh	/ annu	m				
51	<b>51.Environmental Management plan Budgetary Allocation</b>										
	a) Construction phase (with Break-up):										
Serial Number	Attri	butes	Para	meter			Total (	C <mark>ost</mark> p	er annu	m (Rs. In L	.acs)
1	Air Env	ironment	Water Sp Gree Developme storag	prinkling n Belt nt, Cove je area	g, ered	rd Rs. 2.50 Lakh					
2	Noise En	vironment	Noise Barr Gree Develo	ricades a n Belt pments	and			]	Rs. 2.00 L	akh	<b>S</b>
3	Water En	vironment	Modul Draina sedimenta	ar STP, ge with ation tan	ıks			]	Rs. 3.00 I	akh	
4	Good Heal	th Practices	Site San Healt	itation & h Care	х х			]	Rs. 1.50 L	.akh	
5	Enviro Moni	onment toring	Air, water monitorin construct	r, noise s ng durin tion phas	soil Ig se	<b>Rs</b> . 3.50 Lakh					
	b) Operation Phase (with Break-up):										
Serial Number	Com	oonent	Descr	ription		Cap	ital cost Rs Lacs	s. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Rain Water	r Harvesting	RHW	tanks		Rs. 25 lakh			Rs. 3.0 lakh / year		
2	Solid manag	waste gement	70	WC		Rs. 16 lakh			Rs. 4.0 lakh/ year		
3	Waste manag	e water gement	S	ТР		Rs. 75 lakh				Rs. 10.0 lakh / year	
4	Renewable saving 1	Energy and neasures	So	olar		Rs. 64 lakh			Rs. 2.5 lakh / year		
5	Lands	scaping	Gree	enbelt		I	Rs. 150 lakh			Rs. 3.0 lakl	h/ year
51.S	torage	of che	micals	(infl sub	lam sta	nabl Ince	e/expl es)	osiv	/e/haz	zardou	s/toxic
Description Status		Locatio	n	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 app	licable	Not applicable	Not applica	able	N appl	lot icable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her	Info	ormation	1			
No Informa	tion Availab	le									
			53.	Traffi	ic M	[ana	gement				

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	Nos. of the junction to the main road & design of confluence:	1 no of entry/exit					
	Number and area of basement:	Basement Nos: 2 no's and Total Area: 15270.56 sqm					
	Number and area of podia:	Podium Nos: Stilt + 1 Podium and Total Area: 10848.27 sqm					
	<b>Total Parking area:</b>	26118.83 sqm					
	Area per car:	26 sqm					
	Area per car:	26 sqm					
Parking details:	Number of 2- Wheelers as approved by competent authority:	63 no's					
	Number of 4- Wheelers as approved by competent authority:	1020 no's					
	Public Transport:	Nil					
	Width of all Internal roads (m):	30 m internal road					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park boundary: 100 meters as per ESZ notification dated: 05/12/2016					
	Category as per schedule of EIA Notification sheet	8 (b)					
	Court cases pending if any	NA					
	Other Relevant Informations	The project received its Terms of Reference (ToR) for all Phases development i.e. Phase I, Phase II and Phase III during the 71st SEAC-2 meeting held on, 1st October 2018 at Mumbai, Maharashtra. Now, EIA is proposed for Phase I only.					
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 information of the project by SEAC							



Representative of 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 *proposed New Residential cum Commercial project. PP further stated that, t*he total plot area of the project is 71651.00 Sq.mt. having total construction area area 162750.60Sq.mt. (FSI - 73249.84 sq.mt + NON FSI- 89500.76 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Phase I: Tower A, B, C, D, E, F	2 Basements + Ground + 1 Podium + Top Podium + 30 Upper Floors	101.70 m
Phase I: Building G	Stilt + 3 Upper Floor	12.0 m
Phase I: Building H	Ground Floor + 1 Upper Floor	7.65 m
Phase I: Building I	Ground Floor + 4pt	15.0 m
Phase I: Building J	1 Basement + Ground Floor + 3pt	14.95 m

It is noted that the project earlier considered in 92nd Meeting held on 14-03-2019 and deferred with observation like 1) as proposed road for phase 3 passing through the other plot which is not in possession of PP, right of way through the said plot has to be submitted. Also road proposed to the south side should be aligned to proposed DP road 2) to abide by conditions laid down by National highway Authority. PP to maintain the 25 mtr strip as green area as per National highway Authority NoC 3) to submit topo sheet with legends specifying boundaries of local planning Authorities 4) to provide bio-methenation plant with expandable capacity instead of OWC 5) to revise the designs of STP with 100% opening to sky for ventilation and also to show the network of sludge collection of STP to bio-methenation plant 6) to superimpose layout plan of project on ESZ map of Sanjay Gandhi National park to verify the distance of project site from ESZ. 7) to submit & upload the same and to submit the NOC from Competent Authority regarding ESZ. 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

record.			(M. M. Adtani)
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## **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:** 

3) It is noted that, the compliance submitted for the point No.6 i.e. PP to superimpose layout plan of project on ESZ map of Sanjay Gandhi National park to verify the distance of project site from ESZ. PP submitted the google map distance. PP to superimpose layout plan of project on ESZ map of Sanjay Gandhi National park & submit the same. 4) Committee noted that, PP in compliance to point no 7 i.e. PP to submit the NOC from Competent Authority regarding

ESZ submitted the letter dated 10th July, 2015 which was submitted by M/S Conwood Construction & Developers Pvt.Ltd. PP to clarify-

5) 2a- Why he has submitted the letter related to different PP i.e. M/S Conwood Construction & Developers Pvt.Ltd.

6) 2b) Survey No 92, 85/5 are common in both project proposal. so who is the owner of the said survey numbers.

7) 2c) The proposal under name "Aaradhya Arham" is the same project which was under consideration or otherwise.

**8)** 2d) Details regarding status of survey no. 92 from competent forest Authority.

**9)** PP to submit ESZ NoC.

# FINAL RECOMMENDATION

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

Mr. Surykant Nikam (Secretary SEAC-II)

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### Agenda of 96th Meeting of State Expert Appraisal Committee (SEAC-2) SEAC Meeting number: 96 Meeting Date April 15, 2019

Subject: Environment Clearance for proposed building on plot 310, H No. 2, of village Goddev, Taluka & District Thane, by Virtuoso Realty LLP

Is a Violation Case: No						
1.Name of Project	Proposed building on plot 310, H No. 2, of village Goddev, Taluka & District Thane, by Virtuoso Realty LLP					
2.Type of institution	Private					
<b>3.Name of Project Proponent</b>	Mr. Bharat Patel by Virtuoso Realty LLP					
4.Name of Consultant	Mr. H K Desai, Enviro Analysts and Engineers Pvt. Ltd.					
5.Type of project	residential					
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 310, H No. 2, of village Goddev, Taluka & District Thane.					
9.Taluka	thane					
10.Village	Goddev					
<b>Correspondence Name:</b>	Mr Bharat Patel					
Room Number:	601					
Floor:	NA					
Building Name:	Senate, Aura Biplex					
Road/Street Name:	S V Road					
Locality:	Borivali West					
City:	Mumbai					
11.Area of the project	Mira Bhayandar Municipal Corporation					
	yes					
12.10D/10A/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: MBMC - 4356/2017-2018					
	Approved Built-up Area: 1399					
13.Note on the initiated work (If applicable)	Building B; Building C1, C2; Building D1, D2, building E1, E2 and Row House 1, 2, 3, 4 already constructed and occupied as per OC received dated:					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	yes					
15.Total Plot Area (sq. m.)	12,000 sq m					
16.Deductions	For D P: 936.26 sq m					
17.Net Plot area	11063. 74 sq m					
	a) FSI area (sq. m.): Existing FSI: 9145.29, Proposed FSI: 9092.83, Total: 18238.12					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<b>b) Non FSI area (sq. m.):</b> Existing Non FSI: 3279.53 Proposed Non FSI: 4890.25, Total: 8169.78					
	c) Total BUA area (sq. m.): 26407.90					
	Approved FSI area (sq. m.): 10706.87					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 5689.24					
	Date of Approval: 14-02-2018					
19.Total ground coverage (m2)	7680					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	64					
21.Estimated cost of the project	50000000					

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

Serial number	Buildin	g Name & 1	number	Nu	mber of floors	Height of the building (Mtrs)				
1		Building A			sement (Pit parking & e) + Gr + 22 floors	69.95				
2		Building B			St + 7 floors	23.27				
3	B	uilding C1, C	2		St + 7 floors	23.27				
4	B	uilding D1, D	)2		Gr + 4 floors					
5	В	uilding E1, E	2		Gr + 6 floors	23.50				
6		Building F			Gr + 2 floors	10				
7	Row	7 House 1, 2,	3, 4		Gr + 2 floors	9				
23.Number tenants an	r of d shops	Existing res Proposed R Total reside Proposed C	Existing residential: 236 nos. Proposed Residential: 152 nos. Total residential: 388 Proposed Commercial: 46 = shops: 23 & offices 23							
24.Number of expected residents / users Existing Residential: 995, Proposed residential: 706, Total Residential: 1701; Proposed Commercial: 299										
25.Tenant per hectar	<b>density</b> e	323								
26.Height building(s)	of the									
27.Right o (Width of t from the n station to t proposed h	f way the road earest fire the ouilding(s)	18 m wide I	DP road		,000					
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation										
29.Existing structure (	J s) if any	Building B,	C1, C2, D1,	D2, E1, E2 a	nd row houses 1, 2, 3	, 4 are constructed and occupied				
30.Details of the demolition with disposal (If applicable)										
		-	31.P	Product	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	) Total (MT/M)				
1	Not app	plicable	Not apj	plicable	Not applicable	Not applicable				
32.Total Water Requirement										



		Source of	water	MBMC ANI	O RECYCLEI	O WATER						
		Fresh wate	er (CMD):	159 KLD								
		Recycled w Flushing (	vater - CMD):	84 KLD								
		Recycled w Gardening	vater - (CMD):	14 KLD								
		Swimming make up (	pool Cum):	NA								
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	257 KLD	257 KLD							
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	200 KLD								
		Fire fightin Overhead tank(CMD	ng - water ):	185 KLD	185 KLD							
		Excess trea	ated water	131 KLD								
		Source of	water	MBMC ANI	D RECYCLEI	O WATER						
Fresh wate			er (CMD):	159 KLD								
		Recycled w Flushing (	vater - CMD):	84 KLD								
		Recycled w Gardening	vater - (CMD):	NA								
		Swimming make up (	pool Cum):	NA								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	243 KLD								
		Fire fightin Undergrou tank(CMD	ng - Ind water ):	200 KLD								
		Fire fightin Overhead tank(CMD	ng - water ):	185 KLD								
		Excess tre	ated water	145 KLD								
Details of pool (If an	Swimming y)	NA	·									
		3	<b>3.Detail</b>	s of Tota	l water o	consume	dl					
Particula rs	Particula rs Consumption (CMD)				Loss (CMD)	)	Ef	fluent (CM	D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			



	Level of the Ground water table:	3 m				
	Size and no of RWH tank(s) and Quantity:	45 cum 1 no.				
	Location of the RWH tank(s):	underground				
34.Rain Water	Quantity of recharge pits:	2 nos.				
(RWH)	Size of recharge pits :	-				
	Budgetary allocation (Capital cost) :	5 lakhs				
	Budgetary allocation (O & M cost) :	25000				
	Details of UGT tanks if any :	Domestic: 2 nos Flushing: 2 nos. Fire fighting: 2 nos.				
	Natural water drainage pattern:	As per the natural slope of the plot				
drainage	Quantity of storm water:	0.24 m3/sec				
	Size of SWD:	0.60 m x 0.65 m				
	Sewage generation in KLD:	211 KLD				
	STP technology:	MBBR				
Sewage and	Capacity of STP (CMD):	1 no. & 220 KLD				
Waste water	Location & area of the STP:	below ground				
	Budgetary allocation (Capital cost):	35 lakhs				
	Budgetary allocation (O & M cost):	6 lakhs / yr				
	36.Solie	d waste Management				
Waste generation in the Pre Construction	Waste generation:	1. Empty bags: 11380 nos. 2. Steel: 1.7 MT 3. Aggregates: 3.4 MT 4. Broken tiles: 540 sq m 5. Empty Paint Cans (20 litre/ can): 427 nos				
and Construction phase:	Disposal of the construction waste debris:	Empty bags to be handed over to local recyclers, Steel to e handed over to local recyclers, Aggregates to be used for layering internal roads, Broken tiles to be used for terraces and empty paint cans to be sold.				
	Dry waste:	385 kg /day				
	Wet waste:	533 kg / day				
Waste generation	Hazardous waste:	NA				
in the operation Phase:	Biomedical waste (If applicable):	NA				
	STP Sludge (Dry sludge):	10				
	Others if any:	NA				
	s thore is ally.					

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		Dry waste:				Will be handed over to recyclers.							
		Wet v	waste	:		Biodegrada will be used	ble wa l for la	iste wi .ndsca	ll be p ping	rocess	sed in (	OWC a	nd manure so obtained
Modo of	Dienosal	Haza	rdous	wast	e:	NA							
of waste:	of waste: Biomedical applicable)			l wast ):	te (If	NA							
		STP 9 sludg	Sludg je):	e (Dry	7	WILL BE U	SED A	S MAI	NURE				
		Othe	rs if a	ny:		NA							
		Locat	tion(s	):		Ground							
Area requirem	ent:	Area of wa mate	for th ste & rial:	e sto othei	rage r	52 sq m	52 sq m						
		Area	for m	achin	ery:	5 sq m							
Budgetary	allocation	Capit	al cos	st:		8 lakhs							3
O&M cost)	:	<b>0 &amp;</b> I	A cos	t:		2 lakhs / yr							
				3	<b>7.Ef</b>	fluent C	hare	cter	estic	S			
Serial Number	Paran	neters		U	nit	Inlet E Charect	ffluer eresti	it ics	Ou Ch	utlet 1 narect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1	Not apj	plicable	9	N appli	ot cable	Not ap	plicabl	е	N	lot apj	plicabl	е	Not applicable
Amount of e (CMD):	effluent gene	eration		Not a	ipplica	ble			5				
Capacity of	the ETP:			Not a	Not applicable								
Amount of t recycled :	reated efflue	ent		Not a	ipplica	able							
Amount of v	vater send to	o the C	ETP:	Not a	pplica	icable							
Membershi	o of CETP (if	requi	re):	Not a	pplica	cable							
Note on ET	P technology	v to be	used	Not a	pplica	ble							
Disposal of	the ETP sluc	lge		Not a	pplica	ble							
				3	8.Ha	zardous	Was	ste D	etai	ls			
Serial Number	Descr	iption		C	at	UOM	Exis	Existing		Proposed		tal	Method of Disposal
1	Not app	olicable		N appli	ot cable	Not applicable	N appli	ot cable	Not No applicable appli		ot cable	Not applicable	
				3	89.St	acks em	issio	n D	etail	<b>S</b>			
Serial Number	Section	& uni	ts	Fu	uel Us Quai	ed with ntity	Stack No.		Height from ground level (m)		Internal diameter (m)		Temp. of Exhaust Gases
1	Not app	plicable	9	Ν	lot app	plicable	N appli	ot cable	N appli	ot cable	N appli	ot cable	Not applicable
				4	0.De	tails of <b>F</b>	uel	to be	e use	d			
Serial Number	Тур	e of F	uel			Existing			Prop	osed			Total
1 Not applicable N				lot applicabl	е	Ν	lot app	olicabl	е		Not applicable		
41.Source of Fuel Not a					pplicable								
42.Mode of	Transportat	ion of f	fuel to	site	Not a	pplicable							
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		Total RG a	rea :	2828.40 sq	m					
		No of trees	to be cut	NA	NA					
43.Gree	n Belt	Number of be planted	trees to :	150 nos.						
Develop	ment	List of prop native tree	posed s :	as given be	low					
		Timeline for completion plantation	Timeline for completion of plantation :		before completion of the project					
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be	e planted	l in the ground			
Serial Number	Name of	the plant	Commo	on Name	Quan	itity	Characteristics & ecological importance			
1	Plume	ria alba	cha	mpa	10	)	flowering			
2	Tabebı	uia rosa	Pink tri	iumphet	5		flowering			
3	Mangife	ra indica	Ma	ngo	5		tropical and flowering			
4	Mimuso	ps elengi	Ba	kul	10		flowering			
5	Cassia	fistula	Bał	nava	15		flowering			
6	Deloni	x regia	Guln	nohar	8		evergreen			
7	Melia az	zedarach	India	n lilac	7		Deciduous			
8	Pisoni	ia alba	Pis	onia	10		ornamental			
9	Polyalthia	longifolia	Ash	ioka	a 5		Evergreen			
10	Casu	arina	Casu	arina	ina 15		Evergreen tropical			
11	Bauhinia	blackiana	Hong Kor Tr	ng Orchid ree	10	)	tropical			
12	Bauhinia	purpurea	Kan	chan	10	)	flowering			
13	Tecoma ga	audichaudi	Tecoma	a yellow	v 5		semi shady			
14	MAHUA LO	ONGIFOLIA	Ma	hua	10	)	flowering			
15	Royston	iea regia	Royal	l Palm	10	)	Ornamental			
16	Spatl campa	athodea Ipanulata Spath		hodea	15	5	tropical flowering			
45	5.Total qua	ntity of plan	ts on grou	nd						
46.Nun	nber and	list of sh	nrubs an	d bushes	species	to be pla	anted in the podium RG:			
Serial Number		Name		C/C Dista	C/C Distance		Area m2			
1	CY	-		-			-			
47.Energy										



		Source of p supply :	power	Reliance En	Reliance Energy					
		During Co Phase: (De Load)	nstruction emand	80 kW	80 kW					
		DG set as back-up du construction	Power 1ring on phase	100 KVA	100 KVA					
Dor	107	During Op phase (Cor load):	eration nnected	4329 kW						
require	ement:	During Op phase (Der load):	eration mand	1316 kW	1316 kW					
		Transform	er:	NA						
		DG set as back-up du	Power ıring phase:	1 X 320 KVA	ł	23				
		Fuel used:		HSD						
		Details of i tension lin through th any:	high le passing le plot if	NA						
		48.Ene	ergy savi	na by noi	n-co	nventional method:				
2) For Ener Plumbing, F Fighting an 3) We recor rated (5 Sta 4) We recor	gy efficient p ire d Ventilatior nmended to r) by BEE (E nmend solar	ng Energy E performance n systems. use electrica Sureau of En- PV panel for	we have pro al equipment ergy Efficien r lighting of e	such as AC,	(Varia Fridge buses l as and	e, Microwave, Light Fixtures etc. which are Higher oy owners for lesser power consumption. external lighting. Solar water heating.				
,		4	9.Detail	calculati	ons	& % of saving:				
Serial Number	E	nergy Cons	ervation Me	easures		Saving %				
1		Total	% Savings	12.1						
		50	<b>Details</b>	of polluti	ion d	control Systems				
Source	Ex	isting pollu	tion contro	l system	l system Proposed to be installed					
Not applicable		Not	applicable			Not applicable				
Budgetary	allocation	Capital cos	st:	14 lakhs						
O&M	cost and cost):	O & M cos	t:	2 lakhs / yr						
51	51.Environmental Management plan Budgetary Allocation									
	a) Construction phase (with Break-up):									
Serial Number	Attri	butes	Parar	neter		Total Cost per annum (Rs. In Lacs)				
1	Air Envi	ronment	prinkling, n Belt nt, Covered re area	g, ered 2						

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2 Noise Environment			Noise Barr Green Develo	Noise Barricades and Green Belt Developments					1.5		
3	Water E	nvironment	Modula Draina sedimenta	Modular STP, Drainage with sedimentation tanks		1					
4	Good Hea	alth Practices	Site San Healtl	itation & h Care	ž				2		
5	Envi Moi	ronment nitoring	Air, water monitorin construct	, noise s ng durin tion phas	oil g se				1.5		
		]	b) Operat	ion Pl	hase	(wi	th Brea	k-up	):		
Serial Number	Com	ponent	Descr	iption		Сарі	tal cost Rs Lacs	. In	Operat c	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Rain Wate	er Harvesting	J RWH	Tanks			5			0.25	
2	Was <sup>-</sup> mana	te water agement	S	STP			35			6	
3	Soli mana	d waste agement	10	OWC			4			1	
4	Land	lscaping	Green Belt Development			8			2		
5	Energy o	conservation	Solar	Solar saving		14		2			
51.S	torag	e of che	emicals	(infl sub	lama star	abl nce	e/expl es)	osiv	/haz	zardou	s/toxic
Description Status		Locatio	Location St Ca		age icity AT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	Not applicable ap		ot cable	Not applicable	Not applicable		Not applicable	Not applicable
			52.A	ny Ot	her l	Info	rmation	l			
No Informa	tion Availa	ble									
			53.	Traffi	c Ma	anag	gement				
	Nos. of the junction to the main road & design of confluence:     2 nos.										



	Number and area of basement:		2 level basement, 1218.9 sq m				
	Num podia	ber and area of a:	NA				
	Total	l Parking area:	2135 sq m				
	Area	per car:	35 sq m				
	Area	per car:	35 sq m				
Parking details:	Num Whee appro comp authe	ber of 2- elers as oved by petent ority:	-				
	Num Whee appro comp authe	Imber of 4-       Wheelers as       pproved by       ompetent       uthority:					
	Publi	ic Transport:	Mira Road Railway Station				
	Widt roads	h of all Internal s (m):	6 m				
	CRZ/ obtai	RRZ clearance in, if any:	e <sub>NA</sub>				
	Dista Prote Critic areas areas boun	nce from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	8 km from SGNP				
	Cates schee Notif	gory as per dule of EIA fication sheet	8 a				
	Cour if any	t cases pending y	NA				
	Othe Infor	r Relevant mations	NA				
	Have subm Appli on M	you previously nitted ication online OEF Website.	Yes				
	Date subn	of online nission	01-01-1900				
SEAC	DIS	CUSSION	<b>ON ENVIRONME</b>	ENTAL	ASPECTS		
Environmental Impacts of the project	-						
Water Budget	-						
Waste Water Treatment	-						
Drainage pattern of the project	-						
Ground water parameters	-						
Solid Waste Management	-						
Mr. Surykant Nikam (Secretary SEAC-II)		SEAC Meeting N	o: 96 Meeting Date: April 15, 2019	Page 20 of 92	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)		

Air Quality & Noise Level issues	-
<b>Energy Management</b>	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
	Brief information of the project by SEAC
Si	Contraction of the second seco

Mr. Surykant Nikam (Secretary SEAC-II)

Dr on

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Yellon:

Representative of PP was present during the meeting along with Environmental Consultant M/s. Enviro Analysts and Engineers Pvt. Ltd.

PP informed that, the project under consideration is *residential project*. PP further informed that, the development was initiated in the year 2003 – 2004 as per the plans approved earlier in 2004 and subsequently amended in 2005 & 2007. PP stated that, there were for 9 Buildings viz. A B, C1, C2, D1, D2, E1, E2, F and 4 Row Houses for the FSI area of 10,706.87 sq m Non FSI area of 5,304.21 sq mts and Total Built up area 16,011.08 sq.mts .Out of 8 of buildings 7 no's namely B, C1, C2, D1, D2, E1, E2 and 4 Row houses have been constructed and OC granted by local planning Authority i.e. MBMC. PP further stated that, the work of Building A and F is not yet started and the total constructed area till date is 12,424.82 sq mts.

PP further stated that, due to TDR, it is proposed to construct the Building A with Configuration of 2 level basement (Pit parking & service) +Gr + 22 floors and one additional Building F of configuration Gr + 2 floor.

*PP stated that, t*he total plot area of the project is 12,000 Sq.mt. having total construction area 26407.90 Sq.mt. (FSI - 18238.12 sq.mt + NON FSI- 8169.78 sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Building A	2 level basement (Pit parking & service) + Gr + 22 floors	69.95
Building B	St + 7 floors	23.27
Building C1, C2	St + 7 floors	23.27
Building D1, D2	Gr + 4 floors	14.80
Building E1, E2	Gr + 6 floors	23.50
Building F	Gr + 2 floors	10
Row House 1, 2, 3, 4	Gr + 2 floors	9

It is noted that the project earlier considered in 92<sup>nd</sup> `SEAC-2 meeting held on 14-03-2019 and deferred with observations as 1) to provide paved RG around the buildings B,C1,C2,E1 & E2 for fire tender movement 2) to submit dated Architect certificate clearly mentioning work done on site specifying building wise profile, FSI, Non-FSI & total build up area along with current status. 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

## **DECISION OF SEAC**

An cur			(M. M. Adtani)
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#### After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above point.

**Specific Conditions by SEAC:** 

1) PP to upload the plans with FSI of 18238.12 Sq.mt area dully stamped by local planning Authority.

## FINAL RECOMMENDATION

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

Ydlan' (M.M. Adtani) DA. SEAC Meeting No: 96 Meeting Date: April 15, Mr. Surykant Nikam **Page 23** (Secretary SEAC-II) SEAC-II) 2019 of 92

Shri M.M.Adtani (Chairman

#### Agenda of 96th Meeting of State Expert Appraisal Committee (SEAC-2)

#### SEAC Meeting number: 96 Meeting Date April 15, 2019

**Subject:** Environment Clearance for for amendment in EC for the residential complex along with the proposed composite residential building with a Municipal Public Parking Lot at Sub Plot 'B' bearing C.S. No. 1903, 1904, 1905, 1/1905, 2/1905 of Byculla Division abutting Dr. A.L. nair Road and Maula Azad Road, Jacob Circle, Mahalaxmi by Genext Hardware & Parks Pvt. Ltd.

Is a Violation Case: No				
1.Name of Project	Hindustan Mill			
2.Type of institution	Private			
3.Name of Project Proponent	Genext Hardware & Parks Pvt. Ltd. C.A to Capricon Realty Ltd.			
4.Name of Consultant	Dr. D. A. Patil, Mahabal Enviro Engineers Pvt. Ltd.			
5.Type of project	Residential Project along with Municipal Public Parking Lot			
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in existing project. (Vertical expansion to residential wing of Building No.3 has been proposed)			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	We have obtained EC u/n. SEAC-2014/CR-35/TC-1 dt. 29/09/2014 for the plot area 61,520.46 m2 and FSI area of 1,29,988.78 m2, Non FSI area of 2,58,043.03 m2 with total construction area of 3,88,031.81 m2 (Entire project).			
8.Location of the project	Sub plot "B" bearing C.S. No. 1903, 1904, 1905, 1/1905, 2/1905 of Byculla Division abutting Dr. A. L. Nair road and Maulana Azad Road, Jacob Circle, Mahalaxmi, Maharashtra			
9.Taluka	Mumbai			
10.Village	Byculla Division abutting Dr. A. L. Nair road and Maulana Azad Road, Jacob Circle, Mahalaxmi			
Correspondence Name:				
Room Number:				
Floor:	-			
Building Name:	Raheja Tower			
Road/Street Name:	Plot No. C-30, Block G, Opp SIDBI,			
Locality:	Bandra Kurla Complex			
City:	Bandra (East), Mumbai.			
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)			
	OCC for building no.1 issued u/no.EEBP/9527/E-A dt.18/07/2013 and OCC for building no.2 issued u./no.EB-907-E-A dt.11/02/2018			
12.IOD/IOA/Concession/Plan Approval Number	<b>IOD/IOA/Concession/Plan Approval Number:</b> OCC for building no.1 issued u/no.EEBP/9527/E-A dt.18/07/2013 and OCC for building no.2 issued u./no.EB-907-E-A dt.11/02/2018			
	Approved Built-up Area: 210603.62			
13.Note on the initiated work (If applicable)	On site the work of Building No.1 having construction area of 182485.39 m2 (FSI: 65,846.16 m2) and the work of building no.2 having construction area of 65,805.90 m2 (FSI: 31,935.02 m2) has been completed. The construction area of building no.3 is upto 78,246.10 m2. Hence over all construction completed on site is 326537.40 m2.			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	OCC for building no.1 issued u/no.EEBP/9527/E-A dt.18/07/2013 and OCC for building no.2 issued u./no.EB-907-E-A dt.11/02/2018			
15.Total Plot Area (sq. m.)	61,520.46 m2			
16.Deductions	4,470.19 m2			
17.Net Plot area	57,050.27 m2			
	a) FSI area (sq. m.): 1,32,331.76 m2 (Entire Project)			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 2,60,802.75 m2 (Entire Project)			
	c) Total BUA area (sq. m.): 393134.51			
	Approved FSI area (sq. m.): 1,28,688.95 m2 (Entire Project)			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 2,56,764.51 m2 (Entire Project)			
	Date of Approval: 11-02-2018			
19.Total ground coverage (m2)	24,531.61 m2			

Mr. Surykant Nikam (Secretary SEAC-II) SEAC Meeting No: 96 Meeting Date: April 15, 2019	Page 24 of 92	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)
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20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 43% to sky)

#### 8356193347 21.Estimated cost of the project 22.Number of buildings & its configuration Serial Number of floors Height of the building (Mtrs) **Building Name & number** number Stilt + 41 upper floors on 2 levels 1 Bldg No.1 (Tower B1, B2 & A1) 172.275 m of podium 2B + 2 Parking Floors + Stilts + 44 Upper Floors. (41 habitable 2 Bldg No. 2 177.65 m floors + 2 fire check floors + 1service floor) 2B(pt) + Gr(pt) + intermediateParking Floor + 4 Parking Floors Bldg No. 3:- Composite Bldg a) (pt) + 2 Parking Floors (full) + 206.50 m 3 Residential Wing stilts + 44 Upper floors (habitable floors) + 2 fire check + 1 service floor 3B + G (pt) + 4 Upper Floors (pt). To be handed over to MCGM and Bldg No. 3:- Composite Bldg b) 5th & 6th Floor above MPPL will 4 25.10/ 26.30 m Municipal Public Parking Lot be retained for Residential parking. Bldg. 2: 110 Nos. **23.Number of** tenants and shops Bldg. 3: 125 Nos. 24.Number of expected residents / 1,540 users **25.Tenant density** 90/Ha per hectare **26.Height of the** building(s)

27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	36.60 m wide Dr. A.L. Nair Marg on West side & 27.43 m wide Maulana Azad Marg on East side
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9.00 m
29.Existing structure (s) if any	NA
30.Details of the	

demolition disposal (I applicable)	with f					
31.Production Details						
Serial Number Product		Existing (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not applicable	Not applicable	Not applicable	Not applicable		

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	<b>32.Total Water Requirement</b>										
		Source of v	water	MCGM							
		Fresh wate	er (CMD):	117 KLD							
		Recycled w Flushing (	vater - CMD):	61 KLD							
		Recycled w Gardening	vater - (CMD):	33 KLD							
		Swimming make up ((	pool Cum):	-							
Dry season:		Total Wate Requireme :	er ent (CMD)	178 KLD							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	As per CFO	NOC			5			
		Fire fightin Overhead v tank(CMD)	ng - water ):	As per CFO	NOC	Ó					
		Excess trea	ated water	70 KLD							
Source of water				MCGM + R	WH		3				
		Fresh wate	er (CMD):	99 KLD							
		Recycled w Flushing (	vater - CMD):	61 KLD							
		Recycled w Gardening	vater - (CMD):	-							
		Swimming make up ((	pool Cum):	-							
Wet season:	:	Total Wate Requireme :	er ent (CMD)	178 KLD							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	As per CFO	NOC						
		Fire fightin Overhead tank(CMD)	ng - water ):	As per CFO	er CFO NOC						
		Excess trea	ated water	103 KLD							
Details of Sy pool (If any)	wimming )										
		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 a	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		

	Level of the Ground water table:	3 m					
	Size and no of RWH tank(s) and Quantity:	2 Nos.of RWH tanks with 74 m3 capacity each.					
34.Rain Water Harvesting	Location of the RWH tank(s):	Lower basement for bldg. no 2, 2nd Basement for Residential tower bldg. no 3 $\&$ 3rd basement for PPL					
	Quantity of recharge pits:	NA					
(RWH)	Size of recharge pits :	NA					
	Budgetary allocation (Capital cost) :	25 Lakh					
	Budgetary allocation (O & M cost) :	2 Lakh/year					
	Details of UGT tanks if any :	Residential: 2nd Basement PPL: 3rd Basement					
25 Storm sustan	Natural water drainage pattern:	Toward East and West Side					
drainage	Quantity of storm water:	2980.71 m3/hr					
	Size of SWD:	0.35 x 0.35 m, 0.45 x 0.6 m, 0.6 x 0.8 m					
	Sewage generation in KLD:	166 KLD					
	STP technology:	MBBR Technology					
Sowage and	Capacity of STP (CMD):	3 STPs will be provided with total 220 m3 capacity i.e. 100 m3 (for bldg. No. 2), 100 m3 (for bldg No. 3) and 20 m3 for PPL					
Waste water	Location & area of the STP:	Bldg No. 2: Ground Floor, Bldg No. 3: a. Resi. Bldg: 2nd Floor Parking Lvl. & b. PPL: Ground Floor.					
	Budgetary allocation (Capital cost):	45 Lakh					
	Budgetary allocation (O & M cost):	9 Lakh/year					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	Construction debris: 4,200 m3					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	The construction debris will be disposed as per the "Construction and Demolition and Desilting Waste (Management and Disposal) Rules 2016.					
	Dry waste:	268 Kg/day					
	Wet waste:	402 Kg/day					
Waste generation	Hazardous waste:	Used oil from DG					
in the operation Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	2 KLD					
	Others if any:	Household E-waste generation					



		Dry waste:				Dry garbage will be disposed off to recyclers								
		Wet v	vaste	:		Wet garbag used as org	je will janic m	be cor lanure	nposte e for la	d usin ndscaj	g Mec ping.	hanica	l Composting unit and	
Mode of Disposal Hazardous			wast	e:	Authorized recyclers									
of waste: Biomedica applicable			edica cable	l wast ):	te (If	NA								
		STP S sludg	Sludg (e):	e (Dry	Sludge use as manure for gardening									
		Other	r <mark>s if a</mark>	ny:		Authorized	recycl	ers						
		Locat	tion(s	):		Ground								
Area requirem	ent:	Area of wa mate	for th ste & rial:	e sto othe	r <b>age</b> r	100 m2	00 m2							
		Area	for m	achin	ery:	25 m2								
Budgetary	allocation	Capit	al cos	st:		Rs. 12 lakh							3	
(Capital co O&M cost)	st and	0 & N	A cos	t:		Rs. 6 Lakh/	year				(			
				3	<b>7.Ef</b>	fluent C	hare	cter	estic	s				
Serial Number	Paran	neters		U	nit	Inlet E Charect	Effluen teresti	t cs	On Ch	utlet 1 arect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)	
1	Not apj	plicable	9	N appli	ot cable	Not ap	plicabl	e	N	lot apj	plicabl	e	Not applicable	
Amount of e (CMD):	effluent gene	ration		Not a	ipplica	ble			5					
Capacity of the ETP: Not applic			pplicable											
Amount of t recycled :	reated efflue	ent		Not a	ipplica	able								
Amount of v	vater send to	o the C	ETP:	Not a	pplica	ble								
Membership	p of CETP (if	requir	re):	Not a	pplica	ble								
Note on ET	P technology	to be	used	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		C	at	UOM	Exis	ting	Proposed		Total		Method of Disposal	
1	Not app	olicable	2	N appli	ot cable	Not applicable	N appli	ot cable	N appli	ot cable	N appli	ot cable	Not applicable	
				3	<b>39.S</b> t	acks em	issio	n De	etail	5				
Serial Number	Section	& uni	ts	Fu	uel Us Quai	ed with ntity	Stacl	s No.	Hei fro grou level	ght m und (m)	Inte dian (r	rnal neter n)	Temp. of Exhaust Gases	
1	Not apj	plicable	e	Ν	lot app	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 be	e use	d				
Serial Number Type of Fuel				Existing			Prop	osed			Total			
1	Not	applica	able		Ν	lot applicabl	е	Ν	lot app	licabl	е		Not applicable	
41.Source o	of Fuel				Not a	pplicable								
42.Mode of	Transportat	ion of f	fuel to	site	Not a	pplicable								
Mr. Surykan (Secretary S	ov nt Nikam SEAC-II)		SEA	C Mee	eting N	lo: 96 Meeting Date: April 15, 2019 Page 28 of 92 Shri M.M.Adtani (Chairman SEAC-II)					M.M.Adtani (Chairman -II)			

		Total RG a	irea :	Existing lan	dscape: 14,4	426.20 m2, I	RG proposed on ground is 425 m2 .
		No of tree	s to be cut	-			
43.Gree	n Belt	Number of be planted	f trees to l :	146 Nos.			
Develop	ment	List of pro native tree	posed es :	As Below			
		Timeline f completion plantation	or n of . :	2 years			
	<b>44.Nu</b>	mber and	d list of t	trees spe	cies to b	e plante	d in the ground
Serial Number	Name of	the plant	Commo	on Name	Qua	ntity	Characteristics & ecological importance
1	Sat	win	Alstonia	scholaris	2	5	Shady Tree, white fragrant flowers
2	Bał	Bahava Cassia		fistula	4	2	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
3	Palas Butea mo		onosperma	10		Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant	
4	Kad	amb	Anthoc cada	ephallus amba	13		Shady, large deciduous tree, fast- growing graceful tree, ball shaped flowers.
5	Ash	noka	Polyanlthi	a longifolia	ngifolia 56		Shady tree with red-yellow flowers.
45	<b>5.Total qua</b>	ntity of plaı	nts on grou	nd			
<b>46.Num</b>	nber and	list of s	hrubs an	d bushes	species	to be pl	anted in the podium RG:
Serial Number		Name		C/C Dista	nce		Area m2
1		-		-			-
			$\sim$	<b>47.E</b> 1	nergy		
	5						



		Source of j supply :	power	TATA				
Power requirement:		During Cor Phase: (De Load)	nstruction mand	500 kVA				
		DG set as l back-up du constructio	Power Iring on phase	500 kVA				
		During Op phase (Cor load):	eration inected	10.8 MW				
		During Op phase (Der load):	eration nand	5.2 MW				
		Transform	er:	-				
		DG set as l back-up du operation	Power Iring phase:	• Building I kVA • MPPI	No. 2: 1 L: 1 x 1	1 x 1250 kVA • Building No. 3: Resi. Bldg:1 x 1500 750 kVA		
		Fuel used:		HSD				
		Details of I tension lin through th any:	high e passing e plot if	NA				
		<b>48.Ene</b>	rgy saviı	ng by no	n-co	nventional method:		
Solar Hot w Provision of	ater system Solar PV Pa	to Residentia nels	al Buildings					
		49	9.Detail	calculati	ons	& % of saving:		
Serial Number	Е	nergy Cons	ervation Me	easures		Saving %		
1		Total E	nergy Saving	g		22%		
		<b>50</b>	Details	of pollution control Systems				
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed		
Not applicable		Not	applicable			Not applicable		
Budgetary	allocation	Capital cos	it:	Rs. 15 Lakh	L			
O&M	cost and cost):	O & M cos	t <b>:</b>	Rs,				
51	.Enviro	onment	al Mar	nageme	ent j	plan Budgetary Allocation		
a) Construction phase (with Break-up):								
Serial Number	rial nber Attributes Parar				neter Total Cost per annum (Rs. In Lacs)			
1	Water spra suppr	ay for dust ession	-	4.5				
2	Site sanitation and Potable Water Supply to Labour			5				



3	Envire Mor	onmental hitoring	As per the CPCE guidelines throug MoEF Approved laboratories – Ambi Air-RSPM, PM2.5 SO2, NOx, CO), No Leq day time and Night Time	As per the CPCB guidelines through MoEF Approved laboratories – Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time			8					
4	Health of fir	check-up & st aid	-					6				
5	Safety Protectiv	r Personal e Equipment	Helmets, Safety Shoes, Safety Bel Goggles, Hand Glov etc.	t, ves				10				
6	Traffic M	lanagement	Sign Boards, Perso at entry exit and Parking area	ons				4.5		3		
7	Tyre cle Vehicle r	eaning and naintenance	-					3				
8	Storn Mana	m water agement	-					4	3			
9	Safety 7 Worker Year), Sa	-					5					
10	Safe	Safety nets -						14				
b) Operation Phase (with Break-up):												
Serial Number	Com	ponent	Description		Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)				
1	STP (	STP (Tertiary) Continue Envir Monitorin STP ou quality fo		M lly, D, G		45			9			
2	Solar	System	Weekly		15			2				
3	Rainwate	er harvesting	During rainy season (cleaning of UG tanks and filtration units before rainy season)		25			2				
4	Solid Waste Composting plant		Continuous O & M Environment Monitoring: Month to assess the comp quality	M nly ost	12			6				
5	Lan	dscape	Daily		116 12							
51.S	torage	e of che	emicals (infl sub	am sta	abl nce	e/expl es)	osiv	e/haz	zardou	s/toxic		
Descri	Description Status		Location	Sto Cap in	rage acity MT	Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	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.Any Other Information									
No Information Available										
	53.Traffic Management									
	Nos. of t to the m design o confluer	he junction ain road & f ice:	36.60 r Azad M	n wide Dr. A farg on Eas	A.L. Nair Ma t side	arg on West sid	e & 27.43 n	ı wide Maulana		
	Number basemer	and area of nt:	• Build Basem	ing No. 2: 2 ents: Total A	Nos. 11,73 Area of Base	8.02 m2. • Buil ements: 36342.0	ding No. 3: )9 m2.	3 Nos. No. of		
	Number podia:	and area of	• Build 3:- 7 Po	ing No. 2: 3 odiums with	Podiums w total area 5	ith total area 1 59,726.56 m2.	0,915.1 m2.	• Building No.		
	Total Pa	rking area:	• Build m2 • M	ing 2 : 2265 Iunicipal Pu	3.12 m2 • H blic Parking	3uilding 3: Resi J Lot: 65,631.60	dential Parl ) m2	king: 29167.12		
	Area per	car:	• Build 48.88 r	ing 2 : 37.2 n2	3 m2 • Build	ling 3 • Reside	ntial: 38.06	m2 • MPPL:		
	Area per	car:	• Build 48.88 r	ing 2 : 37.2 n2	3 m2 • Build	ding 3 • Reside	ntial: 38.06	m2 • MPPL:		
Parking details:	Number Wheeler approve compete authorit	of 2- s as d by ent y:	2W parking provided: PPL: 258 Nos. Residential: 144 Nos.							
	Number Wheeler approve compete authorit	of 4- s as d by ent y:	• Building No. 2: 327 Nos • Building No. 3 (Residential) : 352 Nos • Public Parking Lot: 1316 Cars							
	Public T	ransport:	23 Nos	. of Transpo	ort vehicles					
	Width of roads (n	f all Internal 1):	9 m	*						
	CRZ/ RR obtain, i	Z clearance f any:	NA							
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries Category as per schedule of EIA Notification sheet				NA						
	Court ca if any	ses pending	NA							



(	Other Relevant Informations	<ul> <li>Environmental Infrastructure provided for Bldg. No. 1 ( B1, B2 &amp; A1 Bldgs.)</li> <li>No. of Tenements: 318 Nos.</li> <li>Water Requirement: 232 KLD (Domestic: 145 KLD + Flushing: 75 KLD + Gardening: 12 KLD)</li> <li>Sewage generation: 176 KLD</li> <li>STP provided: 200 KLD (SBR technology)</li> <li>Solid waste generation: 783 kg/day (Biodegradable component is composted using mechanical composting machine &amp; Non-biodegradable component is handed over to authorized recyclers)</li> <li>RWH Tanks: 1 tank with 63 m3 and 2 tanks with 60.5 m3 capacity</li> <li>Connected Load: 5.7 MW</li> <li>Demand Load: 4.8 MW</li> <li>DG sets: 10 x 1250 kVA &amp; 3 x 500 kVA</li> <li>Parking (4W): 718 Nos.</li> </ul>
		The estimated project cost mentioned in item No. 21 is for Bldg. 2 $\&$ 3 only.
	Have you previously submitted Application online on MOEF Website.	No
] 5	Date of online submission	-
SEAC I	DISCUSSION	ON ENVIRONMENTAL ASPECTS
	Summorised in	n brief information of Project as below.
E	Brief informa	tion of the project by SEAC
SE		

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Representative of PP Mr. Nikhil Mehta was present during the meeting along with environmental consultant M/s. Mahabal Enviro Engineers Pvt. Ltd.

PP informed that, the project under consideration is *Residential Project along with Municipal Public Parking Lot Project - Redevelopment Type. PP further stated that, the total plot area of the project is* 61,520.46 Sq.mt. having total construction area area 393134.51 Sq.mt. (FSI - 1,32,331.76 sq.mt + NON FSI 2,60,802.75sq.mt) and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Bldg No.1 (Tower B1, B2 & A1)	Stilt + 41 upper floors on 2 levels	172.275 m
	of podium	
Bldg No. 2	2B + 2 Parking Floors + Stilts +	177.65 m
	44 Upper Floors. (41 habitable	
	floors + 2 fire check floors + 1	
	service floor)	
Bldg No. 3:- Composite Bldg a)	2B (pt) + Gr (pt) + intermediate	206.50 m
Residential Wing	Parking Floor + 4 Parking Floors	
	(pt) + 2 Parking Floors (full) +	
	stilts + 44 Upper floors (habitable	
	floors) + 2 fire check + 1 service floor	
Bldg No. 3:- Composite Bldg b)	3B + G (pt) + 4 Upper Floors (pt).	26.30 m
Municipal Public Parking	To be handed over to MCGM and	
Lot	5th & 6th Floor above MPPL will	
	be retained for Residential parking.	

It is noted that the project earlier considered in 85th SEAC-2 meeting held on 19-01-2019 and deferred as PP was absent.

It is noted that, the project has received Environmental clearance in 2006 & amendment in 2014.

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 th	e record.		Udten's
Den			(M. M. Adtani)
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## **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) It is noted that, representative of PP not submitted the authority letter. PP to submit the same along with copy of company resolution.

2) PP to submit the company merger document.

3) PP to submit dated Architect certificate addressing to committee regarding building wise construction done on site as per EC accorded in 2006 & 2014. sin abre.

## FINAL RECOMMENDATION

Mr. Surykant Nikam (Secretary SEAC-II)

1A

Jollan'

### Agenda of 96th Meeting of State Expert Appraisal Committee (SEAC-2) SEAC Meeting number: 96 Meeting Date April 15, 2019

Subject: Environment Clearance for Expansion of Dr. Balabhai Nanavati Hospital at Vile Parle, Mumbai

#### Is a Violation Case: No

1.Name of Project	ţ		Expansion of Dr. Balabhai Nanavati Hospital at Vile Parle, Mumbai							
2.Type of instituti	on		Private							
3.Name of Project	: Proponent		Dr. Balabhai	Nanavati Hospital						
4.Name of Consul	tant		Aditya Environmental Services Pvt. Ltd.							
5.Type of project			Hospital							
6.New project/exp project/moderniza in existing project	ansion in exis ation/diversific t	ting cation	Expansion project							
7.If expansion/div whether environm has been obtained project	ersification, iental clearan l for existing	sification, ntal clearance or existing Not applicable								
8.Location of the	project		CTS number: 1403, 1403/1 to 21 and 1403/35							
9.Taluka			Andheri							
10.Village			Vile Parle							
Correspondence N	Jame:		Dr. Rajendra	Patankar						
Room Number:			-							
Floor:			4th Floor							
<b>Building Name:</b>			Dr. Balabhai	Nanavati Hospital						
Road/Street Name	9:		S. V. Road		7					
Locality:			Vile Parle (W	est)						
City:			Mumbai							
11.Area of the pro	oject		Municipal Corporation of Greater Mumbai (MCGM)							
			CE/6538/BS-II/AK dtd 20th April 2016							
12.IOD/IOA/Conce	ession/Plan		IOD/IOA/Concession/Plan Approval Number: CE/6538/BS-II/AK dtd 20th April 2016							
Approval Number		Ī	Approved B	nilt-up Area: 26294.08						
13.Note on the initiapplicable)	itiated work (l	ſf	Not Applicab	e						
14.LOI / NOC / IO Other approvals (	D from MHAD If applicable)	A/	Not Applicab	le						
15.Total Plot Area	ı (sq. m.)		15,960.30 sq	m.						
16.Deductions	C		493.19 sq. m.							
17.Net Plot area			15,467.11 sq	m.						
			a) FSI area (sq. m.): 43,925.63 sq. m.							
18 (a).Proposed B Non-FSI)	Suilt-up Area (	FSI &	b) Non FSI area (sq. m.): 24725.59 sq. m.							
		Ī	c) Total BUA area (sq. m.): 80609							
			Approved FS	<b>5I area (sq. m.):</b> 43,925.63 s	q. m.					
18 (b).Approved E	built up area a	s per	Approved N	on FSI area (sq. m.): 24725	.59 sq. m.					
DON		ľ	Date of Approval: 20-08-2016							
19.Total ground c	overage (m2)		6636.10 sq. n	1.						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 41.57%										
21.Estimated cost of the project 3842000000										
	22.N	umh	per of l	ouildings & its	configu	ura	tion			
Serial number E	Building Nan	ne & n	umber	Number of floo	rs	Heig	ht of the building (Mtrs)			
Dr. ann							(M. M. Adtani)			

Mr. Surykant Nikam (Secretary SEAC-II)


1	Но	ospital buildi	ng	3 basements and Ground + 11 floors 44.85 m (up to terrace lev					
23.Number of tenants and shops 800 bedded hospital									
24.Number expected r users	r of esidents /	Census bed	s: 800, Float	ing Populatio	on: 2000, Staff: 2800, Tot	tal: 5600			
25.Tenant per hectar	<b>density</b> e	3688/ Ha							
26.Height building(s)	of the )								
27.Right o (Width of the from	f way the road earest fire the puilding(s)	36.6 m wide	36.6 m wide S. V. 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	9.0 m	9.0 m						
29.Existing structure	<b>29.Existing</b> structure (s) if any 350 bedded hospital building, 2 nos. nurses quarters etc.								
30.Details demolition disposal (I applicable	of the with f	Exiting Priy	am Pavilion,	2 Nos nurse	s's quarters, Annex-1 & A	nnex-2 will be demolished.			
31.Pro					ion Details				
Serial Number	Pro	duct	Existing	sting (MT/M) Proposed (MT/M) Total (MT		Total (MT/M)			
1	Not apj	plicable	Not app	Not applicable		Not applicable			
		3	2.Tota	<b>Í Wate</b>	r <mark>Requiremen</mark>	t			
		Source of	water	MCGM and recycled water from STP					
		Fresh wate	er (CMD):	600					
		Recycled v Flushing (	vater - CMD):	129					
		Recycled v Gardening	vater - (CMD):	20					
Dry season:		Swimming make up (	pool Cum):	0					
		Total Wate Requireme :	er ent (CMD)	797					
		Fire fighti Undergrou tank(CMD	ng - Ind water ):	250					
		Fire fighti Overhead tank(CMD	ng - water ):	30					
		Excess tre	ated water	348					

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		Source of water	ſ	MCGM and recycled water from STP						
		Fresh water (Cl	MD):	600						
		Recycled water Flushing (CMD	- ):	129						
		Recycled water Gardening (CM	- D):	0						
		Swimming pool make up (Cum)		0						
Wet seaso	n:	Total Water Requirement ((	CMD)	777						
		Fire fighting - Underground w tank(CMD):	ater	250				. 0		
		Fire fighting - Overhead water tank(CMD):	ſ	30			6	3		
		Excess treated	water	368						
Details of pool (If an	Swimming y)	Not Applicable				C				
33.Details of Total water consum					sume	d				
Particula rs Consumption (CMD)				Loss (CMD)			1	Effluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	450	797 (includes existing)	797	15	15 (includes existing)	15	81	605 (includes existing)	605	
		Level of the Growater table:	ound	1.5 m						
		Size and no of RWH tank(s) and Quantity:		Not Applicable						
		Location of the tank(s):	RWH	Not Applicable						
34.Rain V	Water	Quantity of rec pits:	harge	3						
Harvesting (RWH)		Size of recharg :	e pits	3 m dia. X 5 m deep						
		Budgetary alloc (Capital cost) :	ation	Rs. 9 Lakhs						
		Budgetary allo (O & M cost) :	ation	Rs. 0.50 Lakhs/ Annum						
		Details of UGT if any :	tanks	Fire UGT = 250 cum Municipal Tank = 900 cum STP Treated water tank = 50 cum and 300 cum RO Reject storage tank = 50cum						



	Natural water drainage pattern:		Natural drainage pattern will	Natural drainage pattern will be maintained.				
drainage	Quan wate	ntity of storm r:	Will be designed as per maxim	um rainfall				
	Size	of SWD:	250 mm dia. pipe					
	Sewa in KI	ge generation _D:	605					
	STP t	technology:	MBBR					
Sowago and	Capa (CMI	city of STP D):	650					
Waste water	Locat the S	tion & area of TTP:	Location: Basement-2 & Basement-3, Area: 350 sq. m.					
	Budg (Capi	jetary allocation ital cost):	Rs. 100 Lakhs					
	Budg (0 &	jetary allocation M cost):	Rs. 12 Lakhs/Annum					
		36.Soli	d waste Managen	ient				
Waste generation in	Wast	e generation:	Construction waste: about 1-3 3,254.5 cu.m., Excavated subs	8 cu.m./ day, tratum: app	Demolition waste: approx. rox 62,421 cu.m.			
and Construction phase:	Dispo const debri	osal of the truction waste is:	Debris generated during construction phase will be collected at one place and will be disposed off to MCGM approved land filling sites.					
	Dry v	vaste:	454.55 kg/day					
	Wet	waste:	1704.55 kg/day					
	Haza	rdous waste:	Phase-I: 27.31 kg/month, Phase-II: 35.53 kg/month					
Waste generation in the operation Phase:	Biom appli	edical waste (If cable):	Estimated waste (kg/month): Red bags: 9,216.18 (Phase-I), 11,988.52 (Phase-II), Yellow bags: 6,801.74 (Phase-I), 8,847.80 (Phase-II), Blue card boards: 2,063.97 (Phase-I), 2,684.83 (Phase-II), Puncture-proof containers: 294.26 (Phase-I), 382.77 (Phase-II)					
	STP sludg	Sludge (Dry je):	2.4 kg/day					
	Othe	rs if any:	Not Applicable					
	Dry v	vaste:	Segregation and sale of recycl	ables, inerts	to approved landfill site.			
	Wet	waste:	OWC on site					
	Haza	rdous waste:	Disposed off to Mumbai Waste Management Ltd.					
Mode of Disposal of waste:	Biom appli	edical waste (If cable):	Disposed off to CBWFT through M/s. SMS Envoclean BMW Management (P) Ltd.					
<b>SY</b>	STP Sludge (Dry sludge):		To be mixed with wet waste and converted to compost.					
	Othe	rs if any:	Not Applicable					
	Loca	tion(s):	As South West corner of new l	oldg area on	Ground			
Area requirement:	Area of wa mate	for the storage iste & other rial:	100 sq. m.					
	Area	for machinery:	14 sq. m.					
Budgetary allocation Capital cost:		tal cost:	Rs. 22 Lakhs					
O&M cost):	0&1	M cost:	Rs. 2.0 Lakhs					
		<b>37.</b> Ef	fluent Charecterestic	S				
Mr. Surykant Nikam (Secretary SEAC-II)			o: 96 Meeting Date: April 15, 2019	Page 39 of 92	(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)			

Serial Number	Parameters	Unit	Inlet E Charec	Effluer teresti	nt ics	Outlet Effluent Charecterestics			Effluent discharge standards (MPCB)
1	pH	-	6.0	-8.5		6.0	-8.5		6.0-8.5
2	BOD5	mg/L	250	-400		10			10
3	COD	mg/L	600	-800		3	0		30
4	SS	mg/L	200	-450		Less t	han 10	)	Less than 10
5	Oil & Grease	mg/L	Up	to 20		Less t	han 10	)	Less than 10
6	TDS	mg/L	400	-450		Less th	an 100	)0	Less than 1000
Amount of e (CMD):	effluent generation	Not appli	Not applicable						
Capacity of	the ETP:	Not appli	cable						
Amount of t recycled :	reated effluent	Not appli	cable						0
Amount of v	vater send to the CETP:	Not appli	cable						
Membershij	p of CETP (if require):	Not appli	cable						
Note on ET	P technology to be used	Not appli	cable						
Disposal of	the ETP sludge	Not appli	cable						
		<b>38.</b> H	38.Hazardous Waste Details						
Serial Number	Description	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1	Xylem	Not applicabl	e kg	15	.63	Phase I: 27.31 kg/ month Phase II: 35.53 kg/ month	35.5 mo	3 kg/ nth	Disposed off to Mumbai Waste Management Ltd.
		39.9	Stacks em	issio	on D	etails			•
Serial Number	Section & units	Fuel Qu	Jsed with antity	ed with tity Stack No.		Height from ground level (m)		ernal neter n)	Temp. of Exhaust Gases
1	1875 KVA DG Set -1, 1875 KVA DG Set -2, 1875 KVA DG Set -3	High Speed Diesel, 990 L X 2 tank		Ś	3	30 m	400	mm	275 deg.C
40.Details of Fuel to be used									
Serial Number	Type of Fuel		Existing			Proposed			Total
1	High Speed Diesel		990 L		9	90 L X 2 tanl	κs		990 L X 2 tanks
41.Source o	f Fuel	Loc	Local petrol pump						
42.Mode of	Transportation of fuel to	site Tar	ker						



Total RG area :		2288.69 sq.	2288.69 sq. m.							
43.Green Belt		No of trees	to be cut	26 numbers	26 numbers of trees will be cut.					
		Number of be planted	Number of trees to be planted :		34 number of trees will be transplanted, additional 78 trees will be planted.					
Develop	ment	List of prop native tree	List of proposed native trees :		Please refer to Sr. No. 45 below.					
		Timeline for completion of plantation :		Before cons	Before construction phase					
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to b	e plante	d in the ground			
Serial Number	Name of	the plant	Commo	on Name	Quar	ntity	Characteristics & ecological importance			
1	Lignui	Lignum vitae		m tree	2	2	Beautiful purple flowering plant, Heavy wood having great demand in market			
2	Polyanthia	Polyanthia longifolia		ioka	15		Ornamental tree, tolerant to air pollution & is effective in alleviating noise pollution.			
3	Albizia	Albizia lebbeck		Shirish			Provides shading, flowers used for decoration purpose			
4	Areca	catechu	Supa	Supari tree			Tall tree, flowering plant, seeds edible			
5	Cassia	fistula	Bah	nava 8			Ornamental tree, attracts birds & insects			
6	Pongami	a pinnata	Karar	nj tree 2		2	Ornamental tree & host tree for lac insect, insects feeds on the tree			
7	Plume	ria alba	Chaf	a tree	63	;	Flowering plant			
8	Bismarki	a nobilist	Palm	trees	1	2	Ornamental tree			
9	Mangife	ra indica	Mang	o tree	8	3	Seasonal & edible fruits, provides shade			
10	Terminali	ia catappa	Badaı	m tree	6	5	Edible fruits, bird feeds on fruits			
11	Magnolia	champaca	Cha	mpa	8	}	Flowering plant			
45	5.Total qua	ntity of plan	ts on grou	nd						
46.Num	nber and	list of sl	rubs an	d bushes	s species	to be pl	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1	Not	applicable		Not applic	able		Not applicable			
	47.Energy									



		Source of power supply :	Reliance Energy						
		During Construction Phase: (Demand Load)	100 kVA						
Power requirement:		DG set as Power back-up during construction phase	125 kVA						
		During Operation phase (Connected load):	4788 kW						
		During Operation phase (Demand load):	3830 kW						
		Transformer:	2 transformers of	2500 kVA					
		DG set as Power back-up during operation phase:	3 X 1875 kVA (100	)% backup)					
		Fuel used:	HSD						
		Details of high tension line passing through the plot if any:	Not Applicable						
	48.Energy saving by non-conventional method:								
Energy savir • LED light f	Energy savings measures: • LED light fixtures, transformer efficiency as per ECBC norms								
		49.Detail	calculations	& % of saving:					
Serial Number	Е	energy Conservation Me	easures	Saving %					
1	Power savi	ng for chiller in one year	= 10,17,900 kWh 10%						
2	Power sa	wing due to VFD in Pump 81,000 kWh	os in one year = 20%						
3	Power savi	ng due to VFD in AHU in kWh	one year = 1,665 20%						
		50.Details	of pollution c	ontrol Systems					
Source	E	xisting pollution contro	ol system	Proposed to be installed					
Air and Noise pollution from DG Sets	Stack he	eight as per CPCB require enclosures as per EP	ements, Acoustic Act	Stack height as per CPCB regulations. As per the CPCB regulations, DG sets will be installed in acoustic enclosures.					
Sewage	$\mathbf{r}$	Existing STP on sit	ce	Existing STP to be demolished and proposed STP to be installed in new proposed building					
Solid waste	Solid waste Existing OWC on si		te	New OWC to be installed					
Bio-medical waste	Dispos Er	sed off to CBWFTFS thro avoclean BMW Manageme	ugh M/s. SMS ent (P) Ltd	Disposed off to CBWFTFS through M/s. SMS Envoclean BMW Management (P) Ltd					
Hazardous Waste	Dispose	d off to Mumbai Waste M	anagement Ltd.	Disposed off to Mumbai Waste Management Ltd.					
Budgetary	allocation	Capital cost:	STP = Rs. 50 lakh	s, OWC = Rs. 20 lakhs					
(Capital o O&M o	cost and cost):	O & M cost:	STP = Rs. 5 lakhs/	/month, OWC = Rs. 1.6 lakhs/month					



51.Environmental Management plan Budgetary Allocation										
a) Construction phase (with Break-up):										
Serial Number	Serial NumberAttributesParameterTotal Cost per annum (Rs. In Lacs)									
1	Demolition wa Debris dispo	aste/ sal	NA		4.00					
2	Toilets for labour + drinking water + first NA aid arrangement				2.00					
3	Health and Saf Labourers	ety of	NA	NA 15.00						
4	Monitoring Environmen Parameter	of tal s	NA					1.00	~	5
5	Environmer monitoring o	nt cell	NA					3.00	22	
		b	) Operation P	hase	e (wi	th Brea	k-up)	*	5	
Serial Number	Componer	nt	Description		Cap	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)
1	NA		Sewage Treatmer Plant	nt		100.0	S		12.0	)
2	NA	A Solid Waste Management			30.0			2.40		
3	NA		Rain Water Harves	ting	3.0			0.2		
4	NA		Green Belt		7.00			4.00		
5	NA	NA En		ures .ter/	10.0				0.25	i
6	NA		Fire Fighting measures	961.0			6.20			
7	NA		Monitoring of Environmental Parameters		-			2.00		
8	NA		Environment monitoring cell			-			2.50	)
51.S	torage of	che	micals (infl	lam	abl	e/expl	osiv	e/haz	zardou	s/toxic
			sub	sta	nce	es)				
	C					Maximum Quantity				
Descri	ption Stat	cion Status Location		Sto Cap in	rage acity MT	of Storage at any point of time in MT	Consu / Mo N	mption nth in ⁄IT	Source of Supply	Means of transportation
Xyle	em Liqu	ıid	Bottles	16.9	95 kg	16.95 kg	15	5.63	Fisher Scientific	By hand
			52.Any Ot	her	Info	ormation				
No Informa	tion Available									
			53.Traffi	ic M	ana	gement				

Man
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	Nos. of the junction to the main road & design of confluence:	Direct access to S. V. Road and Sarojini Road extension		
	Number and area of basement:	17809.70 sq. m.		
	Number and area of podia:	Not Applicable		
	Total Parking area:	7250.65 sq. m.		
	Area per car:	150 sq. m.		
	Area per car:	150 sq. m.		
Parking details:	Number of 2- Wheelers as approved by competent authority:	Not Applicable		
	Number of 4- Wheelers as approved by competent authority:	366, 8 ambulances		
	Public Transport:	Not Applicable		
	Width of all Internal roads (m):	Minimum 4.5 m		
	CRZ/ RRZ clearance obtain, if any:	Not applicable		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable		
	Category as per schedule of EIA Notification sheet	8(a)		
	Court cases pending if any	Not applicable		
	Other Relevant Informations	Not applicable		
	Have you previously submitted Application online on MOEF Website.	No		
9	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				

A com			(M. M. Adtani)
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Representative of PP Dr. Rajendra Patanlar was present during the meeting along with environmental consultant M/s. Aditya Environmental Services Pvt. Ltd.

PP informed that, the project under consideration is *proposed Hospital Expansion Project*. *PP further stated that, the total plot area of the project is 15,960.30 Sq.mt. having total construction area 80609 Sq.mt. (FSI - 43,925.63 sq.mt + NON FSI 24725.59 sq.mt) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)
Hospital building	3 basements and Ground + 11	44.85 m (up to terrace level)
	floors	

It is noted that the project earlier considered in 91st SEAC-2 meeting held on 07-03-2019 and deferred with observation like 1) to submit the comparative statement regarding existing facilities available & proposed with respect to all environmental parameters like sewage generation & disposal, hazardous, biomedical, radioactive waste generation & disposal 2) Fire fighting facilities, DMP etc3) to submit the detail plan regarding disposal of hazardous, biomedical waste, radioactive waste 4) to submit Atomic Energy Regulatory Board (AERB) NoC 5) to submit the detail design & calculation for the ETP 6) to submit detail fire tender movement plan 7) site specific disaster management plan etc. Accordingly PP Submitted the Compliance which was taken on record.

As disscussed during the meeting, sub-committee comprising of Shri Hiten Sethi & Shri Bharat Bhushan visited the project on site on 24/4/2019 and observed the ECBC compliance, Daylight, ventilation & thermal Analysis.

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,

## **DECISION OF SEAC**

recora.



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

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

1) PP to follow the all conditions laid down by Atomic Energy Regulatory Board (AERB) for procurement of radiation sources & nuclear medicine facility.

2) PP to submit the PESO NoC for diesel storage required for DG set.

3) PP to ensure that Biomedical waste should be disposed off as per Bio-medical Waste Management Rules, 2018

**4)** PP to upload the day light analysis report.

5) PP to ensure that, during construction necessary noise level standees to be maintained in the existing premises. 6) PP to submit CER of 0.75 % prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertake under CER to be get approved from collector/ local body or Environment Department.

### FINAL RECOMMENDATION

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





Jellen:

#### Agenda of 96th Meeting of State Expert Appraisal Committee (SEAC-2)

#### SEAC Meeting number: 96 Meeting Date April 15, 2019

**Subject:** Environment Clearance for Amendment and Expansion in Environmental Clearance of Residential Cum Commercial Project under SRA Scheme At C. S. No. 121 to 123 comprising CTS No. 1124 of village Mulund (E), Tal. Kurla, Mumbai, Maharashtra Proposed By SHREE SAMARTH SPARK DEVELOPERS

Is a Violation Case: No						
1.Name of Project	Shree Samarth Spark Developers					
2.Type of institution	Private					
3.Name of Project Proponent	Shri. Ajay Dattajirao Desai; Shree Samarth Spark Developers					
4.Name of Consultant	Dr. D. A. Patil; Mahabal Enviro Engg. Pvt. Ltd.					
5.Type of project	Amendment and Expansion in Residential cum Commercial Project with SRA Scheme					
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment and Expansion					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Obtained Prior EC Obtained Vide No. SEAC 2010/CR. 870/TC.2 dated 09.05.2011					
8.Location of the project	Survey No. 121 to 123 comprising C.T.S. No. 1124 of Village Mulund (E), Tal. Kurla, Mumbai, Maharashtra					
9.Taluka	kurla					
10.Village	Mulund					
Correspondence Name:	Shri. Ajay Dattajirao Desai; Shree Samarth Spark Developers					
Room Number:	102					
Floor:	1st Floor					
Building Name:	Saroj Apartment					
Road/Street Name:	Nathalal Parekh Marg					
Locality:	opp. Matunga Gujarathi Club, King's Circle, Matunga					
City:	Mumbai - 400019					
11.Area of the project	Municipal Corporation of Greater Mumbai					
12.IOD/IOA/Concession/Plan Approval Number	Sale Building 1; Not approved , Sale Building 2: SRA/ENG/2951/T/STGL/AP dated:10th June,2015, Rehab Building 3 : SRA/ENG/2820/T/STGL/AP dated:7th November,2017 , Rehab Building 4: SRA/ENG/2952/T/STGL/AP dated:27th January,2016, Rehab Building 5: SRA/ENG/2914/T/STGL/AP dated:23rd January,2018, Rehab Building 6: SRA/ENG/2915/T/STGL/AP dated:26th February,2018 Rehab Building 7; SRA/ENG/3338/T/STGL/AP dated:10th January.2018					
	IOD/IOA/Concession/Plan Approval Number: SRA/ENG/632/T/STGL/LAY					
	Approved Built-up Area: 46616.30					
13.Note on the initiated work (If applicable)	As of today we have constructed 47,743 m2 area					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI received from SRA vide letter No. SRA/ENG/654/T/GL/LOI dated 4/1/2012					
15.Total Plot Area (sq. m.)	28167.85 m2 as per PR card, Area of plot considered for the scheme- 27236.35 m2					
16.Deductions	D. P road -7318.65 m2					
17.Net Plot area	16233.95 sq.mt					
	a) FSI area (sq. m.): 55,262.14 m2					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<b>b) Non FSI area (sq. m.):</b> 41,895.22 m2					
	c) Total BUA area (sq. m.): 97157.36					
	Approved FSI area (sq. m.): 46,616.30 m2					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 31387.61 m2					
	Date of Approval: 10-01-2018					
19.Total ground coverage (m2)	7504.42 m2					



20.Ground-coverage Percentage (%)<br/>(Note: Percentage of plot not open<br/>to sky)27%

**21.Estimated cost of the project** 360000000

## 22.Number of buildings & its configuration

				Junum	<b>ys a 115 com</b>	guiation				
Serial number	Buildin	g Name & I	number	Nu	mber of floors	Height of the building (Mtrs)				
1	S	ale Building	1	Groun	d + Upper 3 floors	19.56				
2	Sale Build	ing 2 (Wing	A, B, D, E)	Ground + 2	l to 5 Podium + 6 to 22 upper floors	67.05				
3	Sale B	Building 2 (W	ing C)	Ground +	Ground + 1 to 5 Podium +6 to 23 upper floors 69.90					
4	Rehab Bu	ilding 3 (Win	ıg A, B, C)	Ground /	Stilt + 1 to 18 upper floors	56.40				
5	Re	ehab Building	J 4	Ground / S	tilt + 1 to 20 (pt) upper floors	62.35				
6	Rehab	Building 5 (V	Ving A)	S	St + 12 floors	45.30				
7	Rehab	Building 5 (V	Ving B)	St	+ 14 (pt) floors	51.25				
8	Rehab	Building 6 (V	Ving A)	St	+ 16 (pt) floors	57.45				
9	Rehab	Building 6 (V	Ving B)	St (pt)	+ Gr (pt) + 7 floors	25.70				
10	Re	hab Building	j 7	Ground / S	Stilt + 1st to 5th floors	24.46				
23.Number tenants an	r of d shops	Flats: 1196 Commercia	Nos. l: 2,419.86 n	n2						
24.Number expected rusers	r of esidents /	6222 Nos.	5222 Nos.							
25.Tenant per hectar	<b>density</b> e	500 Ha								
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)	27.45 m wie	le Road, 12.	20 m wide D	P. Road, 13.40 m wide E	Existing 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	6 m(interna	l road)-27 m	(main road)						
29.Existing structure (	J s) if any	Existing slu	ms are prese	ent						
30.Details demolition disposal (I applicable)	of the with f	Slums demolished on site.								
			<b>31.</b> P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not app	plicable	Not apj	olicable	Not applicable	Not applicable				

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		3	32.Tota	l Wate	r <b>Requ</b> i	iremen	t				
		Source of	water	MCGM							
		Fresh wate	er (CMD):	544							
		Recycled w Flushing (	vater - CMD):	274							
		Recycled w Gardening	vater - (CMD):	9							
		Swimming make up ((	pool Cum):	-							
Dry season:		Total Wate Requireme :	er ent (CMD)	) 818							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	13,00,000 la	akh ltrs			5			
		Fire fightin Overhead v tank(CMD)	ng - water ):	4,20,000 ltr	S		Ó				
		Excess trea	ated water	474							
		Source of v	water	MCGM							
		Fresh wate	er (CMD):	544							
		Recycled w Flushing (	vater - CMD):	274							
		Recycled w Gardening	vater - (CMD):	-							
		Swimming make up ((	pool Cum):	-							
Wet season:	:	Total Wate Requireme :	er ent (CMD)	818	<b>y</b>						
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	13,00,000 la	akh ltrs						
		Fire fightin Overhead tank(CMD)	ng - water ):	4,20,000 ltr	S						
		Excess trea	ated water	483							
Details of Sy pool (If any)	wimming )										
		3	3.Detail	s of Tota	l water c	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 a	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		

	Level of the Ground water table:	3-4 m					
	Size and no of RWH tank(s) and Quantity:	5 RWH tanks with total 150 KL Capacity					
	Location of the RWH tank(s):	Below ground					
34.Rain Water Harvesting	Quantity of recharge pits:	187.48 m3					
(RWH)	Size of recharge pits :	22.95 m3					
	Budgetary allocation (Capital cost) :	Rs. 40 Lakhs					
	Budgetary allocation (O & M cost) :	Rs. 4 Lakhs/yr					
	Details of UGT tanks if any :	UG tanks will be provided below ground floor					
	Natural water drainage pattern:	The slope of the site and area is towards South side					
drainage	Quantity of storm water:	1355 m3/hr					
	Size of SWD:	$0.6 \ge 0.8 \text{ m}$ and $0.8 \ge 1.2 \text{ m}$ wide drain channel					
	Sewage generation in KLD:	764 KLD					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	3 STP's with total capacity of 800 KLD					
Waste water	Location & area of the STP:	Ground					
	Budgetary allocation (Capital cost):	Rs. 200 Lakhs					
	Budgetary allocation (O & M cost):	Rs. 20 Lakhs/yr					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	Construction Debris: : 2821 m3					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	The construction debris will be used at site for site formation					
	Dry waste:	1215 kg/day					
	Wet waste:	1823 kg/day					
Wasto goneration	Hazardous waste:	NA					
in the operation Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	1 CMD					
	Others if any:	Household E waste generation					



		Dry waste:		Dry garbag	e will be seg	gregated & d	isposed off to	o recyclers		
		Wet waste	:	Wet garbag Technology	e will be co and used a	mposted usin s organic ma	ig mechanica nure for land	ll composting lscaping.		
		Hazardous	waste:	NA						
Mode of a of waste:	Disposal	Biomedica applicable	l waste (If ):	NA						
		STP Sludg sludge):	e (Dry	Sludge use	as manure :	for gardening	ſ			
		Others if a	ny:	The E-waste authorized	e shall be ha by MPCB.	anded over to	e-waste ma	nagement vendor		
		Location(s	):	Lower grou	nd					
Area requirem	ent:	Area for th of waste & material:	e storage other	2.31 m3	31 m3					
		Area for m	achinery:	1.617 m3						
Budgetary	allocation	Capital cos	st:	Rs. 8 Lakhs	;					
O&M cost)		O & M cos	t:	Rs. 6 Lakhs	/yr					
			<b>37.</b> E	fluent C	harecter	restics				
Serial Number	Paran	neters	Unit	Inlet E Charect	affluent terestics	Outlet Charect	Effluent terestics	Effluent discharge standards (MPCB)		
1	Not apj	plicable	Not applicable	Not ap	plicable	Not ap	plicable	Not applicable		
Amount of e (CMD):	effluent gene	eration	Not applica	able	0	9				
Capacity of	the ETP:		Not applica	able						
Amount of t recycled :	reated efflue	ent	Not applica	able						
Amount of v	vater send to	o the CETP:	Not applic	able						
Membershi	p of CETP (if	f require):	Not applica	able						
Note on ET	P technology	to be used	Not applic	able						
Disposal of	the ETP sluc	lge	Not applica	able						
			38.Ha	azardous	Waste I	Details	1			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Not app	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
			<b>39.S</b>	tacks em	ission D	etails				
Serial Number	Section	& units	Fuel U Qua	sed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	Not app	plicable	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable		
			40.De	tails of F	uel to b	e used				
Serial Number	Тур	e of Fuel		Existing		Proposed		Total		
1	Not	applicable	]	Not applicabl	e	Not applicabl	e	Not applicable		
41.Source of	of Fuel		Not	applicable						

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42.Mode of	Transportat	ion of fuel to site	Not a	applicable				
				_				
		Total RG area	•	1703 m2				
		No of trees to :	be cut	1 Nos.				
43.Gree	n Belt	Number of tre be planted :	es to	300 Nos.				
Develop	ment	List of propose native trees :	ed	As mention	ed below			
		Timeline for completion of plantation :	Timeline for completion of plantation :		nted after con	mpletion of o	construction	
	<b>44.Nu</b>	mber and lis	st of I	trees spe	cies to b	e plante	d in the ground	
Serial Number	Name of	the plant	Commo	on Name	Quai	ntity	Characteristics & ecological importance	
1	Albizia	lebbeck	Shi	irish	1	8	Shady tree, yellowish green fragrant flowers	
2	Pongami	a pinnata	Ka	ranj	2	1	Shady tree.	
3	Bomba	x ceiba	Kate	savar	2	7	Large tree, red flowers.	
4	Anthoce cada	ephallus amba	Kad	lamb	24		Shady, large tree, ball shaped flowers.	
5	Cassia	fistula	Bal	uhava 38		8	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant	
6	Mimuso	ps elengi	Ba	kul 31		1	Shady tree, small white fragrant flowers	
7	Nyctanth tris	nes arbor- stis	Pari	jatak	3	5	Small deciduous fast growing tree, beautiful flowrers.	
8	Erythrir	na indica	Pan	gara	2	1	Medium sized deciduous tree. Bright scarlet flowers.	
9	Michelia	champaca	Son	chafa	2	8	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant	
10	Bauhinia	racemosa	A	pta	2	5	Small tree with small white flowers, Butterfly host plant	
11	Lagerstro regi	oemia flos- neae	Tan	nhan	3	2	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers	
45	.Total qua	ntity of plants o	n grou	nd				
46.Num	ber and	list of shru	bs an	d bushes	s species	to be pl	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1		-		-			-	
				47.EI	nergy			

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		Source of supply :	power	MSEDCL					
		During Co Phase: (De Load)	nstruction emand	125 kVA					
		DG set as back-up d constructi	Power uring on phase	NA					
Dee		During Op phase (Co load):	eration nnected	4.9 MW	4.9 MW				
require	ement:	During Op phase (De load):	eration mand	3.5 MW					
		Transform	ier:	4 nos (3nos	1 MVA & 1	1 nos 360	) KVA)		
		DG set as back-up d operation	Power uring phase:	250 kVA				23	
		Fuel used:	}	HSD					
		Details of tension lin through th any:	high 1e passing 1e plot if	Nil			100		
		48.Ene	erav savi	na po no	n-conv	ention	al metho	od:	
Solar Hot W Solar lightin	Vater system ng in landsca	for Residen	tial Building n area passa	(Proposed) ges (Propose	ed)				
		4	9.Detail	calculati	ions & G	% of s	aving:		
Serial Number	E	nergy Cons	ervation M	easures			Sa	aving %	
1	• Natura minimiz requirem require garden a buildings	al shading th e heat gain a ent • Use of ment • Solar nd road • So • Energy ef lights) (	rough elevat and reduce a low-e glass t lighting in c olar hot wate ficient lightin to all building	tion features ir-conditionin to reduce por common area r for residen ng fixtures (I gs	to ng wer as, tial LED		2	20.46%	
		50	.Details	of pollut	ion con	trol S	vstems		
Source	Ex	isting pollu	ition contro	l system			Proposed	to be installed	
Not applicable		Not	applicable	- 3			Not	applicable	
Budgetary	allocation	Capital co	st:	Rs. 2.5 Cr					
(Capital O&M	cost and cost):	O & M cos	it:	Rs. 65 Lakh	ıs				
51	.Envir	onmen	tal Mar	nageme	ent pla	an Bı	ıdgeta	ry Allocation	
		a)	Constru	ction pha	ase (wit	h Bre	ak-up):		
Serial Number	Attri	butes	Para	neter		Total (	Cost per an	num (Rs. In Lacs)	
1	Water spr suppr	ay for dust ession		-			3	3	
2	Site sanit Potable Wa to La	ation and ater Supply abour		-	7				
Mr. Suryka (Secretary	Mr. Surykant Nikam (Secretary SEAC-II) SEAC Meeting No: 96 Meeting Date: April 15, 2019 Page 53 of 92 SEAC-II)				(M. M. Adtani) Shri M.M.Adtani (Chairman SEAC-II)				

3	Environmental Monitoring		-				4			
4	Health check-up & first aid		-				5			
5	Safety Personal Protective Equipment		-		10					
6	Traffic Management (Sign Boards, Persons at entry exit and Parking area)		-		4					
7	Safety nets		_				22			
8	Storm water Management (SWD along plot boundary and Sedimentation Pits)		-				3	6	5	
9	Tyre cleaning and Vehicle maintenance		-				2			
10	Safety Training to Workers (Twice in Year), Safety Officer		-			C	5			
11	Disinfection		_				2			
	h	) Operat	ion P	hase (wi	ith Breal	k-up	):			
Serial Number	Component	Descr	iption	Сар	ital cost Rs Lacs	. In	Operat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	STP (Tertiary)		-		200			20		
2	Solar System		-		96			5		
3	Rainwater harvesting				40			4		
4	Solid Waste Composting plant			2	8			6		
5	Landscape		-		70			8		
51.S	torage of che	micals	(infl sub	amab stance	le/explo es)	osiv	/e/haz	zardou	s/toxic	
Description Status Location C				Storage Capacity in MT	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	able	ble Not applicable Not applicable Not applicable				Not applicable	Not applicable	
		52.A	ny Ot	her Info	ormation	1				
No Informa	tion Available									
		53.	Traffi	c Mana	gement					
	Nos. of th to the ma design of confluence	e junction in road & e:	27.45 r Road	n wide Roa	d, 12.20 m v	vide D	.P. Road,	13.40 m wi	de Existing	



	Num base	ber and area of ment:	NA							
	Num podia	ber and area of a:	5 Nos.							
	Total	l Parking area:	8960.29							
	Area	per car:	<b>ar:</b> 24.1 m2							
	Area	Area per car: 24.1 m2								
Parking details:	Num Whee appro comp authe	ber of 2- elers as oved by petent ority:	-							
	Num Whee appro comp auth	ber of 4- elers as oved by petent ority:	520 Nos.		050					
	Publi	ic Transport:	-							
	Widt roads	h of all Internal s (m):	Min 6 m							
	CRZ/ obtai	RRZ clearance	NA							
	Dista Prote Critic areas areas boun	nce from ected Areas / cally Polluted s / Eco-sensitive s/ inter-State daries	NA	<b>S</b>						
	Categ schee Notif	gory as per dule of EIA fication sheet	8 (a)							
	Cour if any	t cases pending y	No							
	Othe Infor	r Relevant mations	NA							
	Have subm Appli on M	you previously nitted ication online OEF Website.	No							
	Date subn	of online hission	-							
SEAC	DIS	CUSSION	ON ENVIRONM	<b>IENTAL</b>	ASPECTS					
Environmental Impacts of the project	-									
Water Budget	-									
Waste Water Treatment	-									
Drainage pattern of the project	-									
Ground water parameters	-									
Solid Waste Management	-									
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Air Quality & Noise Level issues	-
<b>Energy Management</b>	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
	Brief information of the project by SEAC
Si	Contraction of the second seco

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Yellon:

Representative of PP Mr.Ajay Desai was present during the meeting along with Environmental Consultant Environmental Consultant- M/s. Mahabal Enviro Engg. Pvt. Ltd.

PP informed that, the project under consideration is *proposed Amendment and Expansion Project. PP further stated that, the* total plot area of the project is 27236.35 Sq. mt. having total construction area 97157.36 Sq. mt. (FSI 55,262.14 Sq.mt + NON FSI- 41,895.22 Sq.mt)and the building configuration is as follow-

Building Name & number	Number of floors	Height (Mtrs)
Sale Building 1	Ground + Upper 3 floors	19.56
Sale Building 2 (Wing A, B, D, E)	Ground + 1 to 5 Podium + 6 to 22 upper floors	67.05
Sale Building 2 (Wing C)	Ground + 1 to 5 Podium +6 to 23 upper floors	69.90
Rehab Building 3 (Wing A, B, C)	Ground / Stilt + 1 to 18 upper floors	56.40
Rehab Building 4	Ground / Stilt + 1 to 20 (pt) upper floors	62.35
Rehab Building 5 (Wing A)	St + 12 floors	45.30
Rehab Building 5 (Wing B)	St + 14 (pt) floors	51.25
Rehab Building 6 (Wing A)	St + 16 (pt) floors	57.45
Rehab Building 6 (Wing B)	St (pt) + Gr (pt) + 7 floors	25.70
Rehab Building 7	Ground / Stilt + 1st to 5th floors	24.46

It is noted that the project earlier considered in 74th SEAC-2 meeting held on 15-10-2018 and deferred with observation like 1) to correct and resubmit the comparative statement and figures especially in Non-FSI Area, RG Area, and Power requirement 2) to submit in detail about energy consumption and requirement with appropriate calculations 3) RG figures to be recalculated and give it in appropriate figures. Accordingly PP submitted the compliance which was taken on record.

It is noted that, project has obtained Prior Environmental Clearance vide letter dated 09.05.2011 for the project with FSI Area of 45,395.00 Sq.mt and total construction area of 97,212.45 Sq.mt

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 FIA Notification. 2006. Consolidated

### **DECISION OF SEAC**

Marin			(M. M. Adtani)
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PP has complied with the points raised in the 74<sup>th</sup>meeting of SEAC-2 hence, Committee decided to recommend the proposal for Environmental Clearance to SEIAA subject to follow the CER activities as per approval of local body.

**Specific Conditions by SEAC:** 

### FINAL RECOMMENDATION

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

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#### Agenda of 96th Meeting of State Expert Appraisal Committee (SEAC-2)

#### SEAC Meeting number: 96 Meeting Date April 15, 2019

**Subject:** Environment Clearance for Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai by M/s K Raheja Pvt. Ltd

Is a Violation Case: No									
1.Name of Project	Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building								
2.Type of institution	Private								
<b>3.Name of Project Proponent</b>	M/s K Raheja Pvt. Ltd								
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd								
5.Type of project	Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building								
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing Project								
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC has been Received dated 12th May 2017 (SEIAA-EC-0000000102) for construction area 159739.22 sqm								
8.Location of the project	Plot bearing CS No 2/1629 & 1A/1629 of Lower Parel division, Plot No 249 & 249A, 248B Of Worli estate scheme no 52, Worli Mumbai								
9.Taluka	Mumbai								
10.Village	Worli								
Correspondence Name:	Mr. Nikhil Mehta								
Room Number:	Architect Department								
Floor:	6th Floor								
Building Name:	Raheja Tower								
Road/Street Name:	Plot-C-30, Block -G								
Locality:	Bandra Kurla Complex , Bandra (East)								
City:	Mumbai 400051								
11.Area of the project	Municipal Corporation of Greater Mumbai (M.C.G.M.)								
	Concession Received from MCGM								
Approval Number	IOD/IOA/Concession/Plan Approval Number: EB/1105/GS/A								
	Approved Built-up Area: 65714.20								
13.Note on the initiated work (If applicable)	As per architect certificate dated 04.10.2018 Total 1,39,961.84 sqm is constructed on site as per EC received dated 12th May 2017 (SEIAA- EC-0000000102) for construction area 159739.22 sqm								
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	HRC NOC received , CFO NOC received ,I to R received ,HE NOC received ,SWD NOC received								
15.Total Plot Area (sq. m.)	20117.24 sqm								
16.Deductions	1449.85 sqm (Road set back - 647.93 sqm + Amenity open spaces - 801.92 sqm)								
17.Net Plot area	18667.39 sqm.								
10 (a) Duran and Draith and Array (ECL C	a) FSI area (sq. m.): 65,714.20								
Non-FSI)	b) Non FSI area (sq. m.): 1,13,052.83								
	c) Total BUA area (sq. m.): 178767.03								
19 (b) Approved Puilt up area as per	Approved FSI area (sq. m.): 65,714.20								
DCR	Approved Non FSI area (sq. m.): 1,13,052.83								
	Date of Approval: 27-08-2018								
19.Total ground coverage (m2)	14,671 sqm								
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	78.59%								
21.Estimated cost of the project	1019000000								
Man	(M. M. Adtani)								

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	22.Number of buildings & its configuration								
Serial number	Buildin	g Name & number	Nu	mber of floors	Height of the building (Mtrs)				
1	Re	sidential tower	2B+G+5 p structural check floor the 5th pa public p resi	arking floors + stilt +6 /service floors+3 fire rs+45 habitable floors. arking floor above the arking lot will be for dential parking	223.40 m				
2		PPL	2B+G+4 j	parking floors (total 7 arking floors)	18.80m				
3	Comme	rcial building wing A	3B-	+3 office floors	12.30 m				
4	Residen	itial building Wing B	Stilt +	6 habitable floors	24.00 m				
5		-		-					
23.Number tenants an	r of d shops	Residential tower - 174 Commercial building w Residential building Wi	nos ing A- 2004.6 ng B - 36 nos	9 sqm	23				
24.Number expected re users	r of esidents /	Residential tower - 870 180 nos Total - 1450 no	nos, Comme os	rcial building wing A- 40	0 nos, Residential building Wing B –				
25.Tenant per hectar	<b>density</b> e	104 Tenant per hectare							
26.Height building(s)	of the								
27.Right of (Width of t from the n station to t proposed b	f way he road earest fire he ouilding(s)	The site is accessible fr 18.30 mt wide Sudam k	om 18.30 mt. Kalu Ahire Ma	wide Natvarya Baburao rg on west side, both off	Pendarkar Marg on north side and Anne Besant 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	Minimum 9.00 m							
29.Existing structure (	J s) if any	Existing Building is und EC-0000000102) for co	ler constructi nstruction are	on on site as per EC rece ea 159739.22 sqm	eived dated 12th May 2017 (SEIAA-				
30.Details of the demolition with disposal (If applicable) Demolition done and Handled as per C & D rule 2016									
	GY	31.H	Product	ion Details					
Serial Number	Pro	duct Existing	J (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not app	plicable Not ap	plicable	Not applicable	Not applicable				
	32.Total Water Requirement								



		Source of	water	MCGM/STP recycled water								
		Fresh wate	er (CMD):	Residential Residential	-78 KLD , M wing B- 16 F	PPL-2 KLD, KLD Total – 1	Commercial .04 KLD	wing A- 8 KI	.D,			
		Recycled w Flushing (	vater - CMD):	Residential Residential	-39 KLD , M wing B- 8 Kl	PPL-3 KLD, LD Total- 60	Commercial KLD	wing A- 10 K	CLD,			
		Recycled w Gardening	vater - (CMD):	30 KLD	30 KLD							
		Swimming make up (	pool Cum):	25 KLD								
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	194 KLD								
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Residential	- 300 Cum, 1	MPPL-100 ci	ım, Wing A ۵	& B-200 cum				
		Fire fightin Overhead tank(CMD)	ng - water ):	Residential Residential	- 210 cum, 1 wing B- 30 c	MPPL- 30 cu cum	m, Commerc	ial wing A- 3	60 cum,			
		Excess trea	ated water	48 KLD								
		Source of	water	MCGM/STP	recycled wa	ater/RWH						
		Fresh wate	er (CMD):	Residential -78 KLD , MPPL-2 KLD, Commercial wing A- 8 KLD, Residential wing B- 16 KLD Total – 104 KLD								
		Recycled w Flushing (	vater - CMD):	Residential -39 KLD , MPPL-3 KLD, Commercial wing A- 10 KLD, Residential wing B- 8 KLD Total- 60 KLD								
		Recycled w Gardening	vater - (CMD):	0	0							
		Swimming make up (	pool Cum):	25 KLD								
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	164 KLD	¥							
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	Residential - 300 Cum, MPPL-100 cum, Wing A & B-200 cum								
		Fire fightin Overhead tank(CMD	ng - water );	Residential – 210 cum, MPPL- 30 cum, Commercial wing A- 30 cum, Residential wing B- 30 cum								
		Excess trea	ated water	78 KLD								
Details of pool (If an	Swimming y)	1 swimming	g pool of dim	ensions-24.7	5 m x 37.121	m x 1.5 m						
	CV	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			

	Leve	l of the Ground r table:	1.5 m - 12.0 m bgl					
	Size tank Quan	and no of RWH (s) and ntity:	Residential – 110 cum, Comme Total – 175 cum	ercial wing A	A- 50 ,Residential -15 cum			
	Loca tank	tion of the RWH (s):	Basement					
34.Rain Water Harvesting	Quan pits:	ntity of recharge	23 nos. of recharge pits with b chamber	23 nos. of recharge pits with bore well along with Grease cum distilling chamber				
(RWH)	Size	of recharge pits	1.5 m diameter x 6.00 m depth					
	Budg (Capi	jetary allocation ital cost) :	Rs 15.00 Lakhs					
	Budg (0 &	jetary allocation M cost) :	Rs 0.75 Lakhs /Annum					
	Detai if any	ils of UGT tanks y :	Fire tank ,Domestic tank, Flus Basement	hing Tank, H	RWH Tank all located in the			
35.Storm water	Natu drain	ral water nage pattern:	The storm water collected thre capacity will be discharged in existing roads which is toward	ough the sto to the munic ls north	rm water drains of adequate cipal storm line along the DP			
drainage	Quan wate	ntity of storm r:	0.39 m3/sec					
	Size	of SWD:	300 mm RCC pipe					
	Sewa in KI	ge generation LD:	Residential - 110 KLD , MPPL Residential wing B- 23 KLD To	-4 KLD, Com otal – 154 KL	mercial wing A- 17 KLD, D			
	STP	technology:	Residential -SBR, MPPL- MBB B- MBBR	R, Commerc	cial wing A & Residential wing			
Sewage and	Capa (CMI	city of STP D):	Residential -150 KLD , MPPL- 10 KLD, Commercial wing A $\&$ Residential wing B - 45 KLD					
Waste water	Loca the S	tion & area of STP:	Basement					
	Budg (Cap	jetary allocation ital cost):	Rs 90.00 Lakhs					
	Budg (0 &	jetary allocation M cost):	Rs 15.00 lakhs /annum					
		36.Soli	d waste Managen	nent				
	Wast	e generation:	Excavated material, Cement B Broken Tiles etc	ags, Paint c	ontainer (@20L), Scrap metal,			
Waste generation in the Pre Construction and Construction phase:	Disposal of the construction waste debris:		Excavated material Shall be used on site for backfilling and for Internal roads. Excess shall be disposed to authorized landfills, Cement Bags Empty bags to be handed over to recycler, Paint container (@20L) To be handed over to recycler. Scrap metal generated Entirely to be Sold for recycling, Broken Tiles Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces					
	Dry v	waste:	322 Kg/day					
	Wet	waste:	408 Kg/day					
Wasto gonoration	Haza	rdous waste:	NA					
in the operation Phase:	Biom appli	nedical waste (If icable):	NA					
1 11001	STP sludg	Sludge (Dry ge):	8 Kg/day					
	Othe	rs if any:	E- waste to be handed over to	MPCB autho	orized vendors			
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		Dry waste:		To be hand over to Local Recyclers for recycling					
		Wet waste	:	To be proce landscaping users.	essed in tl g / Garder	he Cning	OWC. Manur J, Excess ma	e obtained s nure shall be	hall be used for e sold to nearby end
Mode of Disposal		Hazardous	waste:	Not Applicable					
of waste:	1	Biomedica applicable	l waste (If ):	Not Applica	ıble				
		STP Sludg sludge):	e (Dry	To be used	as a man	ure			
		Others if a	ny:	E- waste to be handed over to MPCB authorized vendors					
		Location(s	):	Ground floo	or				
Area requirem	ent:	Area for th of waste & material:	e storage other	110 sqm					
		Area for m	achinery:	5 sqm for e	ach mach	hine			
Budgetary	allocation	Capital cos	st:	Rs 15.00 La	khs				
O&M cost)	:	O & M cos	t:	Rs 3.00 lak	hs /annun	m			
			37.Ef	fluent C	harect	ere	estics		
Serial Number	Serial Parameters Unit				ffluent cerestics	;	Outlet I Charect	Effluent erestics	Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicable	Not ap	Not applicable Not applicable Not applica				
Amount of e (CMD):	effluent gene	eration	Not applica	ible			9		
Capacity of	the ETP:		Not applica	able					
Amount of t recycled :	reated efflue	ent	Not applica	able					
Amount of v	vater send to	o the CETP:	Not applica	able					
Membershi	p of CETP (if	f require):	Not applica	able					
Note on ET	P technology	to be used	Not applica	Ipplicable					
Disposal of	the ETP sluc	lge	Not applica	able					
			38.Ha	azardous	Waste	e D	etails		
Serial Number	Descr	iption	Cat	UOM	Existin	ng	Proposed	Total	Method of Disposal
1	Not apj	plicable	Not applicable	Not applicable	Not applicab	ble	Not applicable	Not applicable	Not applicable
			<b>39.S</b>	tacks em	ission	De	etails		
Serial Number Section & units Qua				sed with ntity	Stack N	No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not app	plicable	Not ap	plicable	Not applicab	ble	Not applicable	Not applicable	Not applicable
			40.De	tails of F	uel to	be	e used		
Serial Number	Тур	e of Fuel		Existing			Proposed		Total
1	Not	applicable	1	Not applicabl	е	N	lot applicabl	e	Not applicable
41.Source of	of Fuel		Not a	applicable					

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42.Mode of	Transportat	tion of fuel to	site Not	applicable					
		Total RG a	rea :	RG on grou 10310.00 s	nd-5807.93 s qm	Sqm, RG on I	Podium -4502.07	<sup>7</sup> sqm Total RG-	
		No of trees	s to be cut	Trees to be	cut/transpla	nted-4 nos, t	rees to be retain	ned-24 nos	
43.Gree	n Belt	Number of be planted	Number of trees to be planted :						
Develop	ment	List of proposed native trees :		Same as be	low				
Timeline for completion of plantation :			or 1 of :	By the end	By the end of construction phase				
	<b>44.Nu</b>	mber and	l list of	trees spe	cies to b	e planteo	d in the gro	ound	
Serial Number	Name of	the plant	Commo	on Name	Qua	ntity	Characteris imp	tics & ecological oortance	
1	Barrin	igtonia	India	n Oak	3	5	Ornar	nental tree	
2	Terminali	ia mantaly	Madagas	car almond	5	2	Ornar	nental tree	
3	Millettia	a pinnata	Kara	ij tree	5	2	Sha	dow tree	
4	Lagers	troemia	Crape	Myrtle	7	0	Flow	ering tree	
45	.Total qua	ntity of plan	its on grou	nd			-		
46.Num	ber and	list of sl	irubs ar	d bushes	s species	to be pla	anted in th	e podium RG:	
Serial Number		Name		C/C Dista	ince		Area m	2	
1	Acalyp	ha wilkesian	a	150-200 1	-200 mm 210				
2	Allama	anda nerifolia	ì	150-200	150-200 mm 2				
3	Alternan	thera versico	lor	150-200 mm			305		
4	Alpin	ia zurumbet		<b>150-200</b> 1	mm	186			
5	Barle	eria species		150-200	mm		155		
6	Bou	ıgainvillea		150-200	mm		220		
7	Brey	ynia nivosa		150-200	mm		200		
8	Caesalpi	inia pulcherii	na	150-200	mm		190		
9	Calliandra	haematocep	hala	150-200	mm		212		
10	Canr	na generalis		150-200	mm		290		
11	Cathar	ranthus rosea	ì	150-200	mm		175		
12	Dracae	na marginat	a	150-200	mm		175		
13	C	odiaeum		150-200	mm		205		
14	Excoe	caria bicolor		150-200	mm		75		
15	Н	Ieliconia		150-200	mm		290		
16	ŀ	Hibiscus		150-200	mm		212		
17	Ixora duffii red		150-200	mm		307			
18	Lant	ana camara		150-200	mm		175		
19	Mussaen	ida erthrophy	vlla	150-200	mm		200		
				47.E	nergy				

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		Source supply	e of power	BEST/TATA				
		During Phases Load)	g Construction : (Demand	400 kW				
		DG set back-u constr	t as Power 1p during ruction phase	65 kVA				
		During phase load):	g Operation (Connected	9304 kw	9304 kw 4392 kw			
require	ement:	During phase load):	g Operation (Demand	4392 kw				
		Transf	former:	4 X 1500 kV	VA			
		DG set back-u operat	t as Power 1p during tion phase:	1 x 2250 kV	/A & 2x	250 kVA		23
		Fuel u	sed:	HSD				
		Details tensios throug any:	s of high n line passing gh the plot if	NA			00	
		<b>48.</b> ]	Energy savi	na by no	n-cor	vention	al metho	od:
<ul> <li>Design wi occupancy s</li> <li>Design wi</li> <li>using ener</li> <li>External I LEDs</li> <li>Use of eff</li> </ul>	th low lighti: sensors & tir th low lighti: rgy efficient .ight Design icient VRF o	ng powe ner base ng powe 5 star r with low r equiva	er density of 0.8 w ed controls er density of 0.2 w ated equipment's w lighting power llent system with	v/sft or less i vatts/sft or le density of 0, filters.	in comr ess in tl 2 watts	non areas by ne parking a s/sft or less i	y using LEDs areas with T5 in the buildir	s for general lighting with 5 ng exterior areas with use of
		r oquira	49 Detail	calculati	ions 8	§% of s	avina	
Serial Number	E	nergy (	Conservation M	asures Saving %				
1		Ove	erall energy savin	gs 26%				
			50.Details	of pollution control Systems				
Source	Ex	isting p	ollution contro	l system			Proposed	to be installed
Not applicable			Not applicable				Not	applicable
Budgetary	allocation	Capita	l cost:	Rs. 120.00	lakhs			
(Capital O&M	cost and cost):	0 & M	cost:	Rs. 6.00 lak	ths			
51	.Enviro	onme	ental Mar	nageme	ent p	olan Bu	ıdgetai	ry Allocation
			a) Construc	ction pha	nse (v	vith Bre	ak-up):	
Serial Number	Attri	butes	Para	neter		Total (	Cost per an	num (Rs. In Lacs)
1	1 Air Environment Water Spi Green Developi Covered sto						20.	.00
2	nt Noise Bar Green	icades and n Belt			8.0	00		
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3	Water Environment Drainage sedimentat			r STP , ge with tion tan	ks			6.00		
4	Land E	nvironment	Site Sa	nitation				1.00		
5	Envir Mor	onmental nitoring	Air,water, monit	noise so oring	vil			1.50		
6		EHS	Disinfectio Ca	n & Hea .re	lth			3.00		
b) Operation Phase (with Break-up):										
Serial Number	Con	ponent	Descr	iption	Ca	pital cost R Lacs	s. In	Operat c	tional and ost (Rs. in	Maintenance Lacs/yr)
1	Soli man	d waste agement	OV	VC		15.00			3.00	
2	was man	te water agement	SI	ΓP		90.00			15.00	)
3	1	RHW	RHW tank	s and pi	ts	15.00			0.75	
4	Energy	conservation	Solar a	nd LED		120.00			6.00	
5	Lar	ldscape	Gree	nbelt		120.00			24.00	)
51.5	torag	e of che	emicals	(infl sub	amal stanc	es)		/e/haz	zardou	s/toxic
Descri	ption	Status	Location	n	Storage Capacit in MT	Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	ıble	Not applicabl	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her In	formatio	n			
No Informa	tion Availa	ble								
			53.	Traffi	c Man	agement				
Nos. of the junction to the main road & design of confluence: The site is accessible from 18.30 mt. wide Natvarya Baburao Pendarka Marg on north side and 18.30 mt wide Sudam Kalu Ahire Marg on wes side, both off Anne Besant Road. (7 enrty/exit)									urao Pendarkar Marg on west	



	Number and area of basement:	Residential tower -2 Basements Commercial & Residential bldg. combined – 3 Basements		
	Number and area of podia:	Residential tower – 5 nos of podium		
	Total Parking area:	39253.38 sqm for Residential +8584.50 sqm for wing A & B		
Parking details:	Area per car:	Basement= 33.79 sqm ,Gr. Flr. = 25 sqm , Podium= 30.9 sqm		
	Area per car:	Basement= 33.79 sqm ,Gr. Flr. = 25 sqm , Podium= 30.9 sqm		
	Number of 2- Wheelers as approved by competent authority:	Residential- 23 MPPL- 20 Total-43 nos		
	Number of 4- Wheelers as approved by competent authority:	Residential -555 nos Wing A &B -41 nos Total – 596 nos (MPPL-803 ( Including 9 Transport vehicle))		
	Public Transport:	-		
	Width of all Internal roads (m):	6.00 mt. wide Internal driveways.		
	CRZ/ RRZ clearance obtain, if any:	Not applicable		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable		
	Category as per schedule of EIA Notification sheet	8(b), category B1		
	Court cases pending if any	NA		
	Other Relevant Informations	The Occupation Permission to Public Parking Lot is granted on 07/09/2016 and same is handed over to MCGM on 06/01/2017. ToR has been received in 79th SEAC II meeting Dated 28.11.2018		
	Have you previously submitted Application online on MOEF Website.	Yes		
	Date of online submission	11-10-2018		
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS				
Environmental Impacts of the project	-			
Water Budget	-			
Waste Water Treatment	-			
Drainage pattern of the project	-			
Ground water parameters	-			

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Calid Masta					
Management	-				
Air Quality & Noise Level issues	-				
<b>Energy Management</b>	-				
Traffic circulation system and risk assessment	-				
Landscape Plan	-				
Disaster management system and risk assessment	-				
Socioeconomic impact assessment	-				
Environmental Management Plan	-				
Any other issues related to environmental					
sustainability	Brief information of the project by SEAC				
	biter information of the project by SEAC				
Stille					

### Brief information of the project by SEAC

Mr. Surykant Nikam (Secretary SEAC-II)

DA.

SEAC Meeting No: 96 Meeting Date: April 15, 2019

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Representative of PP Mr. Nikhil Mehta was present during the meeting along with Environmental Consultant M/s. Enviro Analysts & Engineers Pvt. Ltd

PP informed that, the project under consideration is *proposed Expansion in Existing Project*. *PP further stated that, the total plot area of the project is 20117.24Sq.mt. having total construction area area 4,45,371Sq.mt. (FSI - 65,714.20 sq.mt + NON FSI- 1,13,052.83sq.mt) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)		
Residential tower	2B+G+5 parking floors + stilt +6	223.40 m		
	structural/service floors+3 fire	23		
	check floors+45 habitable floors.			
	the 5th parking floor above the			
	residential parking			
PPL	2B+G+4 parking floors (total 7	18.80m		
	parking floors)			
Commercial building wing A	3B+3 office floors	12.30 m		
Residential building Wing B Stilt + 6 habitable floors		24.00 m		

It is noted that the project earlier considered in 79th SEAC-2 meeting held on 28-11-2018 and ToR was accorded for the same. Accordingly PP Submitted the EIA report which was taken on record.

PP stated that, the project has received Environmental clearance vide letter dated 12th May 2017 for total built up area 1,59,739.22 and till now 1,45,795.27 Sq.mt construction hasdone on site.

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.

- Al an			(M. M. Adtani)
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## **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) It is noted that representative of PP not submitted the authority letter. PP to submit the same along with copy of company resolution.

2) It is noted that the building configuration mentioned in the architect certificate & in PPT not matching. PP to submit the detail revised dated architect certificate addressed to committee.

In abre 3) Structural Engineer & design engineer to remain present for meeting to explain the proposal in detail.

### FINAL RECOMMENDATION

DA. Mr. Surykant Nikam (Secretary SEAC-II)

SEAC Meeting No: 96 Meeting Date: April 15, 2019

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#### Agenda of 96th Meeting of State Expert Appraisal Committee (SEAC-2)

#### SEAC Meeting number: 96 Meeting Date April 15, 2019

**Subject:** Environment Clearance for Environmental Clearence for Proposed Expansion in Residential cum Commercial project On plot bearing S. No. 20/1, 20/2/B/1, 20/2/B/2, 21/9, 21/11A, 22/1, 22/5, 23/2/1, 23/3/1, 23/4 Village – Vadavali, Thane (W), Tal. & Dist. – Thane by Sai Pushp Enterprises

Is a Violation Case: No				
1.Name of Project	Sai Pushp Enterprises			
2.Type of institution	Private			
3.Name of Project Proponent	Ameeta Ambekar , Sai Pushp Enterprises Address: Puraniks One, KanchanPushp, Ghodbunder Road, Kavesar, Thane West - 400615			
4.Name of Consultant	Dr. D. A. Patil, Mahabal Enviro Engineers Pvt. Ltd.			
5.Type of project	Housing project			
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	We have Received the EC wide letter No. F. No./21-62/2014.IA.III dated. 18th June, 2015 for the plot area 17,800 m2 having FSI 31,711.09 m2 & the Total Construction area 77,351.70 m2. As per EC received we have started the construction. Now, we have proposed to amalgamate said plot with the adjacent plot of 6,820 m2. After Expansion the total plot area is 24,620.00 m2 & total construction area is 116398.75 m2.			
8.Location of the project	On plot bearing S. No.: S. No. 20/1, 20/2/B/1, 20/2/B/2, 21/9, 21/11A, 22/1, 22/5, 23/2/1, 23/3/1, 23/4 at village Vadavali, Thane (W), Tal. & Dist Thane			
9.Taluka	Thane			
10.Village	Vadavali			
Correspondence Name:	Ameeta Ambekar, Sai Pushp Enterprises			
Room Number:	-			
Floor:	-			
Building Name:	Puraniks One, KanchanPushp			
Road/Street Name:	Ghodbunder Road, Kavesar			
ocality: -				
City:	Thane West - 400615			
11.Area of the project	Thane Municipal Corporation			
12.IOD/IOA/Concession/Plan Approval Number	<b>IOD/IOA/Concession/Plan Approval Number:</b> For Tokyo Bay I: Obtained Permission/CC from TMC vide letter no. TMC/TDD/2538/18 dated 12-3-2018 (VP SO6/0235/16) For Tokyo Bay II: Obtained Permission from TMC vide letter no. TMC/TD-DP/TPS/1725/16 dated 17-3-2016 (VP SO6/0230/16)			
	Approved Built-up Area: 69390.08			
13.Note on the initiated work (If applicable)	Work completed till today is 20370.54 m2			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA			
15.Total Plot Area (sq. m.)	24,620.00 m2			
16.Deductions	3382.65 m2			
17.Net Plot area	19949.83 m2			
	a) FSI area (sq. m.): 52691.41 m2			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 63707.34 m2			
	c) Total BUA area (sq. m.): 116398.75			
	Approved FSI area (sq. m.): TB1: 18171.47 m2, TB2: 51218.61 m2			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): TB1: 8249.82 m2, TB2: 15732.55 m2			
	Date of Approval: 12-03-2018			
19.Total ground coverage (m2)	14179.49 m2			

20.Ground-coverage Percentage (%)<br/>(Note: Percentage of plot not open<br/>to sky)57.59 %

21.Estimated cost of the project375000000

# 22.Number of buildings & its configuration

Serial number	Building Name & number		Nu	mber of floors	Height of the building (Mtrs)		
1	Toky	ro Bay 1 (Wing A)	Gr+ Upj	per Stilt+16th Upper Floors	56.65		
2	Toky	vo Bay 1 (Wing B)	LG1+LG	2+Upper Stilt + 16th Floor	56.65		
3	Tokyo B	ay 2 (Building No 1)	LG1+LG+	Gr+1st TO 35th Floor	116.65		
4	Tokyo B	ay 2 (Building No 2)	LG1+LG+	Gr+1st TO 35th Floor	116.65		
5	Tokyo B	ay 2 (Building No 3)	LG1+LG+	Gr+1st TO 35th Floor	116.65		
6	6 Tokyo Bay 2 (Building No 4)		LG1+LG+	Gr+1st TO 43rd Floor	139.85		
23.Number of tenants and shops No of tenants: 1095 Nos Commercial Area: 372.1		os. 1					
24.Number of expected residents / 4983 Nos. users							
25.Tenant per hectar	<b>density</b> e	445/Ha					
26.Height building(s)	26.Height of the building(s)						
27.Right of way         (Width of the road)         from the nearest fire         station to the         proposed building(s)				ls.			
28.Turning radius         for easy access of         fire tender         movement from all         around the building         excluding the width         for the plantation							
29.Existing structure (	29.Existing structure (s) if any Nil						
30.Details of the demolition with disposal (If applicable) Not required							
31.Production Details							
Serial Number Proc		duct Existing	g (MT/M)	Proposed (MT/M)	Total (MT/M)		
1 Not applicable		plicable Not ap	plicable	Not applicable	Not applicable		
			1 347 .	D !			

### **32.Total Water Requirement**


		Source of	water	TMC									
		Fresh wate	er (CMD):	446									
		Recycled w Flushing (	vater - CMD):	223									
		Recycled w Gardening	vater - (CMD):	28									
		Swimming make up (	pool Cum):	-									
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	669									
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	As per NBC	;			.0					
		Fire fightin Overhead tank(CMD)	ng - water ):	As per NBC			5	3					
		Excess trea	ated water	367									
		Source of	water	TMC+RWH									
		Fresh wate	er (CMD):	403									
		Recycled w Flushing (	vater - CMD):	223									
		Recycled w Gardening	vater - (CMD):	-									
		Swimming make up (	pool Cum):	-									
Wet seaso	n:	Total Wate Requireme :	Total Water Requirement (CMD) :										
		Fire fightin Undergrou tank(CMD)	ng - Ind water ):	As per NBC	,								
		Fire fightin Overhead tank(CMD	ng - water ):	As per NBC									
		Excess trea	ated water	395									
Details of pool (If an	Swimming y)	NA	*										
		3	<b>3.Detail</b>	s of Tota	l water o	onsume	d						
Particula rs	Cons	sumption (C	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:	Ground water table at depth of 3 to 4m					
	Size and no of RWH tank(s) and Quantity:	90 m3					
	Location of the RWH tank(s):	Underground					
34.Rain Water Harvesting	Quantity of recharge pits:						
(RWH)	Size of recharge pits :	-					
	Budgetary allocation (Capital cost) :	21 lacs					
	Budgetary allocation (O & M cost) :	1.0 Lacs/Year					
	Details of UGT tanks if any :	Underground					
25 Storm water	Natural water drainage pattern:	The slope of the plot is towards South-West side					
drainage	Quantity of storm water:	The storm water generation 0.72 m3/s					
	Size of SWD:	650 mm x 650 mm wide internal SWD drains					
	Sewage generation in KLD:	Sewage Generation:- 625 KLD					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	STP 1:- 100 KLD, STP 2:- 400 KLD, STP 3:- 180 KLD					
Waste water	Location & area of the STP:	Underground Total Area of STP: 545 m2					
	Budgetary allocation (Capital cost):	Rs143 Lakh					
	Budgetary allocation (O & M cost):	Rs.27 Lakh/year					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	Construction debris: 3380 m3					
and Construction phase:	Disposal of the construction waste debris:	The construction debris waste will be disposed as per Construction debris and demolition waste management Rule 2016					
	Dry waste:	992 kg/day					
	Wet waste:	1488 kg/day					
Waste generation in the operation Phase:	Hazardous waste:	NA					
	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	6 kg/day					
	Others if any:	NA					



Dry waste:			Dry garbage will be 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 of waste: Hazardou Biomedic applicable		rdous	s waste:		NA									
		Biom appli	edica cable	l was ):	te (If	NA								
		STP S sludg	Sludg je):	e (Dry	y	Sludge use	as mai	nure f	or garo	lening	Ī			
		Other	rs if a	ny:		NA								
		Locat	tion(s	):		On ground								
Area requirem	ent:	Area of wa mate	for th ste & rial:	e sto othe	rage r	110 m2								
		Area	for m	achin	ery:	55 m2								
Budgetary	allocation	Capit	al cos	st:		Rs. 60 Lakh	1						3	
O&M cost)	st and	0 & N	A cos	t:		Rs. 24 Lakh	n/yr				6			
				3	<b>7.Ef</b>	fluent C	hare	cter	estic	S				
Serial Number	Paran	neters		U	nit	Inlet E Charect	ffluen 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 apj	plicabl	e	Not applicable	
Amount of e (CMD):	effluent gene	eration		Not a	applica	pplicable								
Capacity of the ETP: Not		Not a	Not applicable											
Amount of t recycled :	reated efflue	ent		Not a	applica	icable								
Amount of v	vater send to	o the C	ETP:	Not a	pplica	ble	7							
Membershi	o of CETP (if	requir	re):	Not a	pplica	ble								
Note on ET	P technology	v to be	used	Not a	pplica	ble								
Disposal of	the ETP sluc	lge		Not a	pplica	ble								
				3	8.Ha	zardous	Was	te D	etai	ls				
Serial Number	Descr	iption		C	at	UOM	Exis	ting	Proposed		d Total		Method of Disposal	
1	Not app	olicable	e	N appli	ot cable	Not applicable	Ne applie	ot cable	Not No applicable applic			ot cable	nt Not applicable	
				5	<b>39.S</b> t	acks em	issio	n Do	etail	5				
Serial Number	Section	& uni	ts	Fu	uel Us Quai	ed with ntity	Stacl	s No.	Hei fro grou level	ght m und (m)	Inte dian (n	rnal leter n)	Temp. of Exhaust Gases	
1	Not app	plicable	9	Ν	lot app	plicable	Ne applie	ot cable	N appli	ot cable	N appli	ot cable	Not applicable	
				4	0.De	tails of <b>F</b>	<b>uel</b> t	to be	e use	ed				
Serial Number	al Type of Fuel		Existing			Prop	osed			Total				
1 Not applicable N		lot applicabl	e	Ν	lot app	licabl	е		Not applicable					
41.Source of Fuel Not a			pplicable											
42.Mode of	Transportat	ion of f	fuel to	site	Not a	pplicable								
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				-							
		Total RG a	rea :	Total RG Re	Total RG Required: 4987.46 m2 Total RG Proposed: 5560.67 m2						
1:		No of trees	s to be cut	Existing trees on site: 16 Nos. Trees to be cut/transplanted: 16Nos.							
43.Gree	n Belt	Number of be planted	trees to :	371 Nos.							
Develop	ment	List of proposed native trees :		Given below	V						
		Timeline for completion of plantation :		Within 2 ye	Within 2 years of completion of construction activity						
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be	e plante	d in the ground				
Serial Number	Name of	the plant	Commo	on Name	Quan	itity	Characteristics & ecological importance				
1	ERYTHRIN	NA INDICA	Pan	gara	22	2	As medicinal value, Bird and insect attractive.				
2	ARECA C	ARECA CATECHU are		ı palm	265		Reaching 60 feet (20 meter) tall; trunk diameter is 8 - 12 inch (20 - 30 cm). Trunk: solitary, slender and erect.				
3	BAUI PURP	AUHINIA AI URPUREA AI		ota 56			Small tree with small white flowers, Butterfly host plant				
4	FILICIUM	ICIUM DECIPIENS Ferm		Tree	24	Ŀ	Fern Tree is a medium-sized tree, native to the Western Ghats. Leaves are pinnate, leaflets 6-8 pair, smooth, shining, opposite or some alternate, stalkless, linear oblong, 4-6 inches long, with a prominent midrib				
5	PUTRANGIA ROXBURGHI Lucky B		ean Tree			It has pendant branches and dark grey bark having horizontal lenticels. Leaves are simple, alternately arranged, dark green, shiny, elliptic-oblong, distantly serrated.					
45	45.Total quantity of plants on ground										
46.Nun	nber and	list of sh	nrubs an	d bushes	s species	to be pla	anted in the podium RG:				
Serial Number	Name			C/C Distance			Area m2				
1		NA		NA			NA				
	CY			47.EI	nergy						



		Source of po supply :	ower	MSEDCL	MSEDCL						
		During Cons Phase: (Den Load)	struction nand	250 kVA	250 kVA						
		DG set as Po back-up dur construction	ower ring n phase	250 kVA	250 kVA						
		During Ope phase (Coni load):	ration nected	4687 KW	4687 KW						
requir	Power requirement:		ration and	3189 KW							
		Transforme	r:	4 X 1000 kV	VA, 2 X	630 kVA					
		DG set as Po back-up dur operation p	ower ring hase:	1 X 125 kVA	A, 1 X 2	200 kVA					
		Fuel used:		HSD							
		Details of hi tension line through the any:	igh passing plot if	NIL							
		48.Ener	rqy savi	ng by noi	n-co	nventional method:					
Solar PV Ho	ot water to R	Residential Bui	ldings, Sola	ar Street ligh	iting ir	n landscape , common area passages					
		49	Detail		ons	& % of saving.					
Serial Number	Energy Conservation Measures Saving %					Saving %					
1	Use of Energy Efficient Pumps firefighting, UG Tanks and STP · lighting fixtures (LED lights) to bu energy efficient lifts • Efficient wall blocks with fly ash content • Natura elevation features of chajjas to min and reduce air conditioning r				& Motors for Energy efficient ildings • Use of systems like solid >20 % shading through imize heat gain equirement						
		50,1	Details	of polluti	ion c	control Systems					
Source	Ex	isting polluti	ion contro	l system		Proposed to be installed					
Not applicable		Not a	pplicable			Not applicable					
Budgetary	allocation	<b>Capital</b> cost	:	Rs.34 Lakh							
(Capital cost and O&M cost): 0 & M cost:			Rs. 1.7 Lakh/year								
51.Environmental Management plan Budgetary Allocation											
		a) C	onstruc	ction pha	se (	with Break-up):					
Serial Number	Attributes Para		neter		Total Cost per annum (Rs. In Lacs)						
1	Water spr suppr	ay for dust ession			4						
2	Site sanitat and its ma	tion Facility aintenance		. 3							

All com			(M. M. Adtani)
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3	Potable Water Sup to Labour	ply	-						3			
4	Solid waste			4								
5	Disinfection		-					3				
6	Safety Personal Protective Equipm	ent	(Helmets, Safety Shoes, Safety Belt Googles, Hand Glov etc.)	t, ves				4				
7	Traffic Manageme (Sign Boards, Perso at entry exit and Parking area)	nt ons,	-		2							
8	Safety nets		-					5				
9	Safety Training t Workers (Twice i Year), Safety Offic	o n er	-					5	3	3		
10	10 Environmental Monitoring		(As per the CPCE guidelines throug MoEF&CC Approve laboratories - Ambi Air-RSPM, PM2.5 SO2, NOx, CO), Noi Leq day time and Night Time)	B h ed ent , ise: l			50	2	5			
b) Operation Phase (with Break-up):												
Sorial				Capital cost Rs. In Operational and Maintenance								
Number	Component Description			apri	Lacs		C	ost (Rs. in	Lacs/yr)			
1	STP (Tertiary)		-		143			27				
2	Solar System		-		34				1.7			
3	Rainwater harvest	ing			21				1			
4	Solid Waste Composting plan	t	(x-,)		60			24				
5	Landscape		· · ·		56			6				
6	Environmental Monitoring	1	-		-			4				
51.S	torage of c	he	micals (infl	amal	bl	e/expl	osive	e/haz	zardou	s/toxic		
		)	sub	stan	Ce	s)				,		
			545	Stun		Maximum						
Descrij	ption Status		Location	Storag Capacit in MT	acity MT point of MT MT		Consur / Mor M	mption 1th in IT	Source of Supply	Means of transportation		
Not appl	licable Not applicabl	e	Not applicable	Not applicab	ole	Not applicable	Not apj	plicable	Not applicable	Not applicable		
			52.Any Ot	her In	fo	rmation						
No Informat	tion Available											
			53.Traffi	c Man	lad	ement						
		_			3							

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	Nos. of the junction to the main road & design of confluence:	Project Site is accessible by 40 m wide & 20 m wide DP Roads.			
	Number and area of basement:	No Basement			
	Number and area of podia:	Total 3 No's of Podium in each building with the total area of 33011.16 $\mathrm{m2}$			
	Total Parking area:	Total Parking Area: 33011.16 m2			
	Area per car:	30 m2			
	Area per car:	30 m2			
Parking details:	Number of 2- Wheelers as approved by competent authority:	2 W Required: 1114 Nos 2 W Proposed: 1115 Nos			
	Number of 4- Wheelers as approved by competent authority:	4W Required: 810 Nos 4W Proposed: 1099 Nos			
	Public Transport:				
	Width of all Internal roads (m):	6.00 Wide			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park - Approx 500 m from the Proposed Project Site			
	Category as per schedule of EIA Notification sheet	8(a)			
	Court cases pending if any	NA			
	Other Relevant Informations	-			
	Have you previously submitted Application online on MOEF Website.	No			
9	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					

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Representative of PP MS. Ameeta Ambekar was present during present during the meeting along with environmental consultant: M/s Mahabal Enviro Engineers Pvt. Ltd.

PP informed that, the project under consideration is *proposed Expansion Housing Project. PP further stated that, the total plot area of the project is 24,620.00 Sq.mt. having total construction area area 116398.75 Sq.mt. (FSI - 52691.41 Sq.mt. + NON FSI- 63707.34 Sq.mt.) and the building configuration is as follow-*

Building Name & number	Number of floors	Height (Mtrs)
Tokyo Bay 1 (Wing A)	Gr+ Upper Stilt+16th Upper Floors	56.65
Tokyo Bay 1 (Wing B)	LG1+LG2+Upper Stilt + 16th Floor	56.65
Tokyo Bay 2 (Building No 1)	LG1+LG+Gr+1st TO 35th Floor	116.65
Tokyo Bay 2 (Building No 2)	LG1+LG+Gr+1st TO 35th Floor	116.65
Tokyo Bay 2 (Building No 3)	LG1+LG+Gr+1st TO 35th Floor	116.65
Tokyo Bay 2 (Building No 4)	LG1+LG+Gr+1st TO 43rd Floor	139.85

PP stated that, the project has Received the EC vide letter dated 18th June, 2015 for the plot area 17,800 Sq.mt having FSI 31,711.09 Sq.mt & the Total Construction area 77,351.70 Sq.mt and as per EC received construction done on site 13,711.09 Sq.mt.

PP further stated that, now, they have amalgamated adjacent plot of 6,820 Sq.mt. and so the total plot area 24,620.00 m2 with total construction area 116398.75 m2.

PP further stated that, the total potential of the adjoining plot of 6820 Sq.mt having survey no 20/1,20/2/B/1,20/2/B/2 was less that 20000Sq.mt total built up area 18787.95 Sq.mt & accordingly construction was started on site as per the approval received from TMC. PP informed that, as of today total construction carried out on this plot was 15,331.86 Sq.mt.

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)

actory of FIA Natification 2006 Conceledated statements of	the area of a compare lies a constant of 1 1 A
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[ · · · · · ] · · · · · · · · · · · · ·	
	Servin Servin
Inreceptation & filanc submitted are taken on the record	
	(M.M. Haus)

# **DECISION OF SEAC**

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

**Specific Conditions by SEAC:** 

1) It is noted that, in PPT the construction carried out on plot which have earlier EC was mentioned as 13,871.25 Sq.mt. while in CS it is mentioned as 20370.54 Sq.mt. PP to submit the explanation along with detailed architect certificate. 2) PP to submit the letter from local planning authority regarding the actual full potential of plot having survey no 20/1, 20/2/B/1, 20/2/B/2 at the time when construction initiated.

3) PP to submit detail of ownership of amalgamated plot with chronology.

# stike FINAL RECOMMENDATION

Mr. Surykant Nikam (Secretary SEAC-II)

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SEAC Meeting No: 96 Meeting Date: April 15, 2019

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### Agenda of 96th Meeting of State Expert Appraisal Committee (SEAC-2)

SEAC Meeting number: 96 Meeting Date April 15, 2019

**Subject:** Environment Clearance for Expansion of Slum Rehabilitation Scheme at Plot bearing C.S. No. 426, 427(pt), 431, 1/431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645(pt), 646(pt), 648(pt) 649 (pt), 650 (pt), 651(pt), 654, 655(pt), 657(pt) 658(pt), 659(pt), 854,869,870,871 of Parel Sewri division & CS No. 155(pt), 174(pt), 176(pt), 1/177, 185(pt), 1038, 1039 of Dadar Naigaon division., F/South ward of MCGM. by M/s Omkar Realtors and Developers Pvt. Ltd.

### Is a Violation Case: No

1.Name of Project	Expansion of Slum Rehabilitation Scheme at Plot bearing C.S. No. 426, 427(pt), 431, 1/431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645(pt), 646(pt), 648(pt) 649 (pt), 650 (pt), 651(pt), 654, 655(pt), 657(pt) 658(pt), 659(pt), 854,869,870,871 of Parel Sewri division & CS No. 155(pt), 174(pt), 176(pt), 1/177, 185(pt), 1038, 1039 of Dadar Naigaon division.,F/South ward of MCGM. by M/s Omkar Realtors and Developers Pvt. Ltd.						
2.Type of institution	Private						
3.Name of Project Proponent	M/s. Omkar Realtors and Developers Pvt. Ltd						
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.						
5.Type of project	Slum Rehabilitation Scheme						
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental clearance on 14th February 2019 vide No. SEIAA-EC-0000000682 for total construction area of 941746.21 sq.m.						
8.Location of the project	C.S. No. 426, 427(pt), 1/431, 431, 432(pt.), 1/437, 437(pt.), 440(pt.), 645(pt), 646(pt), 648(pt) 649 (pt), 650 (pt), 651(pt), 654, 655(pt), 657(pt) 658(pt), 659(pt), 854,869,870,871 of Parel S division & CS No. 155(pt), 174(pt), 176(pt), 1/177 ,185(pt), 1038, 1039 of Dadar Naigaon division.,F/South ward of MCGM.						
9.Taluka	Mumbai						
10.Village	Parel- Sewri Division & Dadar- Naigoan Division						
Correspondence Name:	M/s Omkar Realtors and Developers Pvt. Ltd.						
Room Number:	- · · · · · · · · · · · · · · · · · · ·						
Floor:	-						
Building Name:	-						
Road/Street Name:	Off Eastern Express Highway, Opp. Sion-Chunnabhatti Signal						
Locality:	Sion East						
City:	Mumbai						
11.Area of the project	Municipal Corporation of greater Mumbai (MCGM)						
	Yes						
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: SRA/ENG/1678/FS/ML&PL/LOI dtd 01 February 2019						
	Approved Built-up Area: 394312.95						
13.Note on the initiated work (If applicable)	Construction work is in process as per previous EC received dtd 14.02.2019						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI received vide letter no. SRA/ENG/1678/FS/ML&PL/LOI dtd 01 February 2019						
15.Total Plot Area (sq. m.)	1,07,988.64 sq.m						
16.Deductions	29,300.43 sq.m.						
17.Net Plot area	78,688.21 sq.m.						
	a) FSI area (sq. m.): 489148.63 (Including Fungible FSI)						
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 722200.41 (Including temporary transit bldgs.)						
	c) Total BUA area (sq. m.): 1211349.04						
	Approved FSI area (sq. m.): 3,94,312.95						
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 722200.41 sq.m						
	Date of Approval, 01 02 2010						

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19.Total gro	und coverage (m2)	45204.42 sq.	m			
20.Ground-o (Note: Perce to sky)	coverage Percentage (%) entage of plot not open	57.44 %				
21.Estimate	d cost of the project	2223000000	0			
	<b>22.Num</b>	ber of ]	buildings & its config	guration		
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)		
1	Rehab Bldg no. 1: Wi	ng A to C	Gr +23 Flrs	69.95		
2	Rehab Bldg no. 1: Wi	ng D to E	Gr +22 Flrs	68.45		
3	Rehab Bldg no. 1: V	Wing F	Gr +22 Flrs	69.50		
4	Rehab Bldg No	0.2	Gr +23 Flrs	69.75		
5	Rehab Bldg No.3: Wi	ng A to C	Basement (Services)+Gr + 40 floors	119.80		
6	Rehab Bldg No.3: Wi	ng D to G	Basement (Services)+Gr + 23 floors	69.70		
7	Rehab Bldg No	).4	Basement (Services)+Gr + 40 floors	119.05		
8	Rehab Bldg No.5: Wi	ng A & B	Basement (Services)+Gr + 40 floors	119.80		
9	Sale Bldg no. 1: V	Ving I	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 54 Flrs	223.86		
10	Sale Bldg no. 1: V	Ving J	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 54 Flrs 206.65			
11	Sale Bldg no. 1: W	<sup>7</sup> ing K	1 Lower Grd Flr + Gr. Flr+ 1st to 5th Podium+ Amenity Flr + 49 Flrs 190.65			
12	Sale Bldg no. 1: W	Ving L	4 Lower Grd Floor + Gr. Flr + 1st to 5th Podium+ Amenity Flr + 43 Flrs	171.45		
13	Sale Bldg no. 1: W	ïng M	4 Lower Grd Floor + Gr. Flr + 1st to 5th Podium+ Amenity Flr + 41 Flrs	165.05		
14	Sale Bldg no. 1: W	'ing N	4 Lower Grd Floor + Gr. Flr + 1st to 5th Podium+ Amenity Flr + 47 Flrs	184.25		
15	Sale Bldg. No.	2	Ground + 20th (pt) Flrs	62.20		
16	Composite Bldg No. Wings A, B &	l : Rehab C	Gr + 23 Floors	69.85		
17	Composite Bldg No.1: S & B	Sale Wing A	Part Basement+ Gr + 4 Podiums + 5th Amenity floors + 27 upper Flrs	111.00		
18	Composite Bldg No.2 ( C)	Wing A to	B+Gr+2 Flrs	15.00		
19	Composite Bldg No.2: S	School Bldg	G + 3 Flrs	15.00		
20	Bhoiwada School	Bldg.	G +5 Flrs	22.20		
21	Sale Bldg No.	4	2 Basements + Lower Ground +Ground floor +9 Podium + Stilt Floor + 1st to 62nd floor	231.20		
22	Temporary Transit Bld	gs. (1to 4)	Gr+7 upper Floor	20.95		



23.Number tenants an	r of d shops	Rehab: - 59 Sale:-3104	93 nos. nos.						
24.Number expected re users	r of esidents /	46316 nos							
25.Tenant per hectar	density e	1157 tenan	t/hector						
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 ouilding(s)	Access thro	ugh Jerabai	wadia road 1	2.20 m wide & 13.40 m v	wide D.P road			
28.Turning for easy ac fire tender movement around the excluding t for the pla	y radius ccess of from all building the width ntation	9 m to 12 m	n to 12 m						
29.Existing structure (	J (s) if any	Since it is a	ince it is an ongoing project there are under construction buildings on site.						
30.Details demolition disposal (I applicable)	of the with f	Nil							
		2	<b>31.</b> P	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Total (MT/M)				
1	Not app	plicable	Not apj	plicable	Not applicable	Not applicable			
		3	2.Tota	l Wateı	r <b>Requiremen</b>	t			
		Source of	water	MCGM / treated water from STP					
		Fresh wate	er (CMD):	3999					
		Recycled v Flushing (	vater - CMD):	2034					
		Recycled v Gardening	vater - (CMD):	73					
		Swimming	pool	NA					
Dry season:		make up (	<b>Jum):</b>						
	S	Total Wate Requireme	er ent (CMD)	6106					
	S	Total Wate Requireme : Fire fightin Undergrou tank(CMD	er ent (CMD) ng - und water ):	6106 Will be prov	ided during EIA				
	S	Total Wate Requireme : Fire fightin Undergrow tank(CMD Fire fightin Overhead tank(CMD	cum): er ent (CMD) ng - und water ): ng - water ):	6106 Will be prov Will be prov	ided during EIA ided during EIA				



		Source	of w	vater	MCGM / treated water from STP/RWH							
		Fresh v	wate	r (CMD):	3999							
		Recycle Flushin	ed w 1g (C	ater - CMD):	2034							
		Recycle Garden	ed w ning	ater - (CMD):	-							
		Swimm make u	ning 1p (C	pool Cum):	NA							
Wet season: Total Water Requirement : Fire fighting - Underground tank(CMD): Fire fighting - Overhead wat tank(CMD):		r nt (CMD)	6033	6033								
		Fire fighting - Underground water tank(CMD):			Will be prov	Will be provided during EIA						
		Fire fighting - Overhead water tank(CMD):			Will be prov	vided during	EIA				3	
		Excess	trea	ted water	2933							
Details of pool (If an	Swimming y)	۱ NA										
33.Details of Total water consumed												
Particula rs	Cons	sumption (CMD)			]	Loss (CMD)			Effluent (CMD)			
Water Require ment	Existing	Propos	sed	Total	Existing	Proposed	Tot	tal	Existin	ng	Proposed	Total
Domestic	Not applicable	Not applical	ble	Not applicable	Not applicable	Not applicable	No applio	ot cable	Not applica	ble	Not applicable	Not applicable
						7						
		Level o water t	of the able	Ground	8.7 m to 9.5 m							
		Size an tank(s) Quantit	nd no ) and ty:	of RWH	Will be provided during EIA							
		Locatio tank(s)	on of ):	the RWH	Below ground							
34.Rain V Harvestii	Water ng	Quantit pits:	ty of	recharge	Nil							
(RWH)		Size of :	recl	narge pits	NA							
	<b>SY</b>	Budget (Capita	tary al cos	allocation st) :	Will be provided during EIA							
		Budget (O & M	tary [ cos	allocation t) :	Will be provided during EIA							
		Details if any :	of U	JGT tanks	-							
25 Storm	wotor	Natura drainag	l wa ge pa	ter attern:	Natural dra	inage patter	n will l	oe mai	ntained			
drainage	water	Quantit water:	ty of	storm	Will be provided during EIA							
Size o			SWI	D:	Will be prov	vided during	EIA					
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		Sewage ge in KLD:	neration	5464 KLD					
		STP techno	ology:	MBBR & SBR					
Sewage :	and	Capacity o (CMD):	f STP	5635 KLD					
Waste water	Location & area of the STP:		Below Ground						
		Budgetary (Capital co	allocation st):	Will be provided during EIA					
Budgetary allocation (O & M cost):				Will be provided during EIA					
			86.Soli	d waste Mana	gement				
Waste generation in the Pre Construction and Construction phase:Waste generation:Disposal of the construction waste debris:		Excavated waste materia rest shall be disposed by with permission from M	al generated will be reus v covered trucks to the a unicipal authority.	ed for backfilling and uthorized landfill sites					
		Disposal o construction debris:	f the on waste	Used for filling the plot a debris shall be used for Remaining debris will be	and maintaining natural temporary leveling of sit e disposed off as per deb	slopes. Construction e and internal roads. ris management plan.			
Dry waste:				9201 kg/day					
		Wet waste		13346 kg/day					
Waste gei	neration	Hazardous	waste:	NA					
in the operation Phase:	Biomedica applicable	l waste (If ):	NA	3					
	STP Sludg sludge):	e (Dry	52 kg/day						
		Others if a	ny:	NA					
		Dry waste:		To be handed over to Local Recyclers for recycling.					
		Wet waste:		To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.					
Mode of I	Disposal	Hazardous	waste:	NA					
of waste:		Biomedical waste (If applicable):		NA					
		STP Sludg sludge):	e (Dry	To be used as manure					
		Others if a	ny:	NA					
		Location(s	):	Ground level					
Area requireme	ent:	Area for th of waste & material:	e storage other	Will be provided during EIA					
		Area for m	achinery:	Will be provided during EIA					
Budgetary a	allocation	Capital cos	st:	Will be provided during	EIA				
(Capital cos O&M cost):	st and	O & M cos	t:	Will be provided during	EIA				
			37.Ef	fluent Charectere	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	Not app	olicable	Not applicable	Not applicable	Not applicable	Not applicable			
						1) dian's			

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Amount of e (CMD):	effluent gene	eration	Not a	pplica	ble					
Capacity of	the ETP:		Not a	pplica	ble					
Amount of t recycled :	reated efflue	ent	Not applicable							
Amount of v	vater send to	o the CETP:	Not a	pplica	ble					
Membershi	p of CETP (if	f require):	Not a	pplica	ble					
Note on ET	P technology	v to be used	Not a	pplica	ble					
Disposal of	the ETP sluc	lge	Not a	pplica	ble					
			38	B.Ha	zardous	Waste	D	etails		
Serial Number	Descr	iption	Ca	ıt	UOM	Existing		Proposed	Total	Method of Disposal
1	Not apj	plicable	No applio	ot cable	Not applicable	Not applicab	le	Not applicable	Not applicable	Not applicable
39.Stacks emission Details										
Serial Number	Section	ction & units Fuel Us Quar			ed with ntity	Stack N	0.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not apj	plicable	Ν	ot app	olicable	Not applicab	le	Not applicable	Not applicable	Not applicable
40.Details of Fuel to be used										
Serial Number	Тур	e of Fuel	of Fuel			Proposed				Total
1	Not	applicable	N	lot applicabl	е	N	Not applicabl	e	Not applicable	
41.Source of	f Fuel			Not a	pplicable	5				
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable					
		Total RG a	rea : Layout & DP RG: Layout RG - 9659.16& DP RG: 8816.34 sq. m. RG on podium: 2755.92 sq.m							
		No of trees	to be cut 7 nos.							
43.Gree	n Belt mont	Number of be planted	trees to 482 nos.							
Develop	ment	List of pro native tree	posed es :		As listed be	low				
	S	Timeline for completion plantation	or 1 of :		At the end	of constru	cti	on phase		
	44.Nu	mber and	l list	of t	rees spe	cies to	b	e plante	d in the	ground
Serial Number	Name of	the plant	Co	mmo	n Name	Q	uai	ntity	Charact	eristics & ecological importance
1	Saraca	a asoca	Sita A	Ashok/	true Ashik		2	5	E	Evergreen tree
2	Azadiracl	hta indica		Kadu	nimb		3	1	Ν	/ledicinal Tree
3	Michelia	champaca		Son-o	chafa		3	2	F	lowering Plant
4	Gardenia j	asminoides		Ana	ant		2	0	F	lowering plant
5	Mangife	ra indica		Mai	ngo		1	7		Fruit Tree
6	Ficus gl	omerata		Um	ber		2	4		Fruit Tree

Marm			(M. M. Adtani)
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7	Mimuso	ops elengi Bak		Bakı	ul	25		Evergreen tree	
8	Polyalthia	longifolia		Asho	ok	2	0	Evergreen tree	
9	Couroupita	guianensis	Ka	ailas-c	chafa	2	3	Flowering plant	
10	Cocos r	nucifera	(	Cocoi	nut	18		Fruit Tree	
11	Cynodon	dactylon		Durv	va	28		grass	
12	Wede	elia sp.	1	Wede	elia	3	0	Wedelia	
13	Bauhinia	purpurea	E	Bauho	onia	2	5	Flowering plant	
14	Plumer	ria alba		Chai	fa	3	5	Flowering plant	
15	Psidium	guajava	Gu	uava/	Peru	3	1	Fruit Tree	
45	5.Total qua	ntity of plan	ts on gi	round	d				
46.Number and list of shrubs and bushes species to be planted in the podium H								anted in the podium RG:	
Serial Number		Name			C/C Dista	nce		Area m2	
1		NA			NA			NA	
			•		<b>47.E</b> r	nergy			
		Source of p supply :	ower	]	Brihanmum	bai Electric	Supply and T	Fransport (BEST)	
During Construction Phase: (Demand Load)			ion	150 kW					
DG set as Power back-up during construction phase		se 2	200 kVA	0	5				
D	During Operation phase (Connected load):			1	Will be prov	rided during	EIA		
require	ement:	During Ope phase (Den load):	eration 1and		Will be provided during EIA				
		Transforme	er:		Will be provided during EIA				
		DG set as Power back-up during operation phase:			Will be provided during EIA				
		Fuel used:		HSD					
		Details of h tension line through the any:	iigh e passir e plot if	ng f	Yes				
	5	<b>48.Ene</b>	rgy sa	avin	g by no	n-conver	tional m	ethod:	
<ul> <li>External I</li> <li>Lifts will I</li> <li>Common</li> <li>Solar Hot</li> </ul>	ighting on so be with VFD Area Lightin Water Gene	olar. drives and so g, mainly LEI eration for apa	oft starte ) lights - artment	ers, w with	vhich will re timer contr	sult in overa ol operation	all 20 % powe	er saving.	
		49	).Deta	ail c	alculati	ons & %	of saving	g:	
Serial Number	E	cnergy Conse	rvation	n Mea	asures			Saving %	
1	Overall	energy saving	for the	e prop	osed buildi	ng	Will	be provided during EIA	
		50.	Detai	ils o	f polluti	ion cont	rol Syste	ms	

At an			(M. M. Adtani)
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Source	E	xisting po	llution contro	l system	ı	Proposed to be installed					
Not applicable		Ν	ot applicable			Not applicable					
Budgetary	allocation	Capital	cost:	Will be	provided d	uring EIA					
O&M	cost):	0 & M c	ost:	Will be	provided d	uring EIA					
51	.Envir	onme	ntal Mar	nagei	nent j	plan Bu	udgeta	ry	Alloca	ation	
a) Construction phase (with Break-up):											
Serial Number	Attr	ibutes	Parai	meter	Cost per an	nu	m (Rs. In I	.acs)			
1	E	HS	Toilets for drinking w aid arra	r labour ater + fin ngement	abour + ter + first 11.0 gement						
2	Health ar Lab	nd Safety of oorers	f Health, sai aid fa	fety & fir acility	rst		15	.00	00		
3	Enviro Mon	nmental itoring	Enviror Monit	nmental toring			1.	00			
4	Enviro Monito	onmental oring Cell	Enviror Monitor	nmental ring Cell			1.	00			
5	Enviro Monitori Water & site (4 tir	onmental ing (Noise, Soil-Project mes a year)	Enviror Monitorir t Water & S site (4 tim	nmental ng (Noise Soil-Proje nes a yea:	e, oct r)	0	20	.00			
			b) Operat	ion Ph	nase (wi	ith Breal	k-up):				
Serial Number	Com	ponent	Descr	iption	Сар	ital cost Rs Lacs	. In Ope	erat C	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Water Er	nvironment	Rain Water	Harvesting Will be provide during EIA			ed V	Vill	be provided	l during EIA	
2	Water Er	nvironment	S	ГР	Wi	ed V	Vill	be provided	l during EIA		
3	En	lergy	Solar S	Will be provided during EIA			ed Will be provided during EIA				
4	Solid Mana	Waste gement	JO OI	WC	C Will be provide during EIA			ed Will be provided during EIA			
5	Land En	vironment	Lands	caping	will be provided during EIA Will be provided during E				l during EIA		
51.S	torage	e of ch	emicals	(infl	amab	le/expl	osive/h	az	zardou	s/toxic	
				sub	stance	es)	1		1		
	5					Maximum Quantity					
Descri	ption	Status	Location	n	Storage Capacity in MT	of Storage at any point of time in MT	Consumpti / Month in MT	on n	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applical	ble	Not applicable	Not applicable	
			52.A	ny Ot	her Info	ormation	l				
No Informa	tion Availab	ole									
			53.	Traffi	c Mana	gement					
Mr. Sumba	ow. nt Nikam		FAC Montine N	In: 06 Ma	potina Data	· Anril 15	Page 90	e	(M. M.)	Adtan;)	
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	Nos. of the junction to the main road & design of confluence:	The project site is accessible through the existing 24.38 m wide Jerabai wadia road & 12.00 mw ide DP road				
	Number and area of basement:	Total 9 Nos of basement/ Lower Ground in all the buildings of the layout with a total area of 65583.11 sq.mt.				
	Number and area of podia:	Total 18 Nos of Podium in all the buildings of the layout with a total area of 157189.56 sq.mt				
	Total Parking area:	151512.42 sq.m				
	Area per car:	31.23 sq.m				
Parking details:	Area per car:	31.23 sq.m				
	Number of 2- Wheelers as approved by competent authority:					
	Number of 4- Wheelers as approved by competent authority:	4851				
	Public Transport:	NA				
	Width of all Internal roads (m):	Minimum 6 m wide				
	CRZ/ RRZ clearance obtain, if any:	NA				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA				
	Category as per schedule of EIA Notification sheet	Schedule 8(b), Category B				
	Court cases pending if any	NA				
	Other Relevant Informations	The details provided are as per the full potential of the project anticipating future expansion.				
	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						

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Representative of PP was present during the meeting along with environmental consultant M/S. Enviro Analysts and Engineers Pvt. Ltd.

PP informed that, the project under consideration is proposed Slum Rehabilitation Scheme. PP stated that, the project has received EC, vide letter dated  $14^{\rm th}$  February 2019 for total construction area of 9,41,746.21 sq.m. PP further stated that, the proposed project was presented for TOR in  $93^{\rm rd}$  SEAC-II meeting and has received the same for construction area of 11,05,824.21 sq.mt. but due to considering potential increase in eligibility of tenements, they are revising the proposal considering full potential of the project anticipating future expansion hence requested for amendment in ToR.

PP further stated that, the total plot area of the project is 107988 Sq.mt. having total construction area 1211349.04 Sq.mt (Including Temporary Transit Bldgs) (FSI-489148.63Sq.mt (Including Fungible FSI). +NON FSI-722200.41 Sq.mt.)

PP stated that, the project has earlier received EC vide letter dated 14/2/2019 for total built up area 941746.21 Sq.mt.

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.

## **DECISION OF SEAC**

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# Committee approved the ToR with following observations & additions, which is valid upto 15/4/2022. EIA will be apprised as & when submitted. Meanwhile PP should comply following points.

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

**1)** PP to submit the both judgement orders regarding alleged reduction of RG reservation from 100% to 35%.

2) PP to submit the comparative statement regarding baseline data, EIA & proposed expansion.

3) PP to submit the HRC NoC.

**4)** PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.

5) PP to ensure ECBC norms are complied.

6) PP to retain the fire checks floor as per earlier EC, if there is any change proposed, PP to obtain CFO NoC first.

7) PP to submit the dated Architect certificate addressed to committee regarding building-wise construction done on site as per earlier EC

8) PP to ensure that, the fire tender movement should be from all around the building.

9) PP to submit & upload the design & cross section of STPs indicating 40% area open to sky for adequate ventilation.10) PP to submit & upload LoI by SRA for proposed project.

11) PP to submit the detail biodiversity chapter in EIA considering the eco-sensitivity of the site.

**12)** PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area, as identified by Environment Department.

13) PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above.

# FINAL RECOMMENDATION

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

Mr. Surykant Nikam (Secretary SEAC-II) Jalan'