SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Proposed establishment of API manufacturing facility at Plot No. A-145/8, TTC Industrial Area, Khairane- M.I.D.C., Navi Mumbai by Saitech Pharmaceutical Pvt Ltd

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

10011001)		0401) 1 0101						
1.Name of P	roject			ablishment of API manufacturing facility a I.D.C., Navi Mumbai by Saitech Pharmace				
2.Type of ins	stitution		Private					
3.Name of P	roject Propo	nent	Saitech Phar	maceutical Pvt Ltd				
4.Name of C	onsultant		Aditya Environmental Services Pvt Ltd.					
5.Type of pro	oject		Not applicable					
6.New project project/mode in existing p	ernization/di	in existing versification	New project		0,2			
7.If expansion whether envelop has been obte project	ironmental c	learance	Not Applicable					
8.Location o	f the project		Plot No. A-14	5/8, TTC Industrial Area, Khairane- M.I.D.	C., Navi Mumbai			
9.Taluka			Navi Mumbai	i				
10.Village			Navi Mumbai	i				
11.Area of th	ne project		TTC Industria	al Area, Khairane MIDC				
			TTC Industria	al Area, Khairane MIDC				
12.IOD/IOA/ Approval Nu		Plan	IOD/IOA/Co	ncession/Plan Approval Number: MIDC	plan approval			
Approval Number			Approved Built-up Area: 2994					
13.Note on t applicable)	he initiated	work (If	Existing building was constructed in 2005-06 (Narolene Textiles pvt ltd) & used for furniture manufacturing. Project proponent will developed proposed facility within constructed building.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)			MIDC approv	val				
15.Total Plo	t Area (sq. m	l.)	3000 sq. m.					
16.Deductio	ns		Not applicable					
17.Net Plot	area		Not applicable					
			a) FSI area (sq. m.): Not applicable					
18.Proposed Non-FSI)	Built-up Are	ea (FSI &	b) Non FSI area (sq. m.): Not applicable					
Non 101)			c) Total BUA area (sq. m.): Not applicable					
19.Total gro	und coverage	e (m2)	Not applicable					
20.Ground-c (Note: Perce to sky)			Not applicable					
21.Estimate	d cost of the	project	47800000					
		1 5	ber of l	buildings & its confi	guration			
Serial number	Buildin	ig Name & 1	number	Number of floors	Height of the building (Mtrs)			
1	Ν	Not applicabl	е	Not applicable	Not applicable			
23.Number tenants an		Not applica						
24.Number of expected residents / Not applicable users								
25.Tenant per hectar		Not applica	Not applicable					



26.Height building(s)									
27.Right of (Width of t from the n station to t	27.Right of way (Width of the road from the nearest fire station to the proposed building(s)Min 6 m.								
28.Turning for easy ac fire tender movement around the excluding for the pla	cess of from all building the width	Not applica	Not applicable						
29.Existing structure (lles pvt ltd) & used for furniture cility within constructed building.				
31.Production Details									
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Anti-infla analges steroid inflamm Antitussive Deconges depressive Antitussi interme Neutrac		0	72 TPA (any two products to be manufacture at one time)	72 TPA (any two products to be manufacture at one time)				
2	Spent so proc	lvent (By luct)	0	144 TPA	144 TPA				
		3	2.Total Wate	r Requiremen	t				
	SY	,							



		Source of wa	ter	MIDC							
		Fresh water	(CMD):	26 cmd							
		Recycled wat Flushing (CM		Not applical	ole						
		Recycled wat Gardening (C		Not applicable							
		Swimming po make up (Cu		Not applical	ole						
Dry season	1:	Total Water Requirement :	(CMD)	37 cmd							
		Fire fighting Underground tank(CMD):		Not applical	ble			5			
		Fire fighting Overhead wa tank(CMD):		Not applical	ble			0			
		Excess treate	d water	Not applical	ole						
		Source of wa	ter	Not applical	ole						
		Fresh water	(CMD):	Not applical	ole						
Recycled water - Flushing (CMD):			Not applical	ole							
Recycled water - Gardening (CMD):			Not applicable								
		Swimming po make up (Cu		Not applicable							
Wet seaso	n:	Total Water Requirement :	(CMD)	Not applicable							
		Fire fighting Underground tank(CMD):		Not applicable							
		Fire fighting Overhead wa tank(CMD):		Not applicable							
		Excess treate	d water	Not applicable							
Details of spool (If any		Not applicable	•								
		33.	Detail	s of Total	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	Ι	Loss (CMD)		Efi	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	0	3	3	0	1	1	0	2	2		
Industrial Process	0	11	11	0	3	3	0	8	8		
Cooling tower & thermopa ck	0	20	20	0 7 7 0 13				13			
Gardening	0	3	3	0	3	3	0	0	0		

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	Level of the Ground						
	water table:						
	Size and no of RWH tank(s) and Quantity:						
34.Rain Water Harvesting	Location of the RWH tank(s):						
	Quantity of recharge pits:						
(RWH)	Size of recharge pits						
	Budgetary allocation (Capital cost) :						
	Budgetary allocation (O & M cost) :			0			
	Details of UGT tanks if any :	Not applicable		N			
	Natural water drainage pattern:			~			
35.Storm water drainage	Quantity of storm water:	-					
	Size of SWD:						
	•						
	Sewage generation in KLD:	2 cmd					
-	STP technology:	Sewage will be treated in com trade effluent.	bined efflue	nt treatment plant along with			
Sewage and	Capacity of STP (CMD):	Not applicable					
Waste water	Location & area of the STP:	Not applicable					
	Budgetary allocation (Capital cost):	Not applicable					
	Budgetary allocation (O & M cost):	Not applicable					
	36.Soli	d waste Managen	nent				
Waste generation in	Waste generation:	Minor quantity of debris will h	oe generate				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Debris will be disposed off as	per norms				
	Dry waste:						
	Wet waste:						
Waste generation	Hazardous waste:		Chemical sludge from waste water treatment, Spent carbon, Distillation residue, Contaminated solvent, Discarded containers/ barrels/ liners				
in the operation Phase:	Biomedical waste (If applicable):	Not applicable					
	STP Sludge (Dry sludge):	Not applicable					
	Others if any:	Not applicable					
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		Dry waste:								
		Wet waste:								
Mada - 6	Diana	Hazardous		Hazardous v 2016.	vaste will be	e disposed of	f as per Haza	ardous waste rule,		
Mode of a steed of wastee		Biomedica applicable)		Not applicable						
		STP Sludge sludge):	e (Dry	Not applicable						
		Others if a	ny:	Not applicable						
		Location(s):	Details given in EIA report.						
Area for the of waste & material:				Details given in EIA report.						
		Area for m	achinery:	Details give	n in EIA repo	ort.		2		
	allocation	Capital cos	st:	5 Lakhs			C			
(Capital co O&M cost)		O & M cost	t:	2 Lakhs per	annum			3		
			37.Ef	fluent Ch	arectere	estics				
Serial Number	Paran	neters	Unit	Inlet Ef		Outlet H Charect		Effluent discharge standards (MPCB)		
1	р	Н		6 to	9	6.5	to 9	6.5 to 9		
2	Total Suspe	ended solids	mg/L	150 to 200		< 100		< 100		
3		ogical oxygen mg/L		2500		< 100		< 100		
4		l Oxygen nand	mg/L	5000		< 250		< 250		
5	Oil & Oil	Grease	mg/L	< 1	10	< 2	10	< 10		
Amount of e (CMD):	effluent gene	eration		3 cmd of effluent will be generate. Out of total 11 cmd of effluent will be & 12 cmd of effluent will be sent to CETP.						
Capacity of	the ETP:		15 cmd							
Amount of t recycled :	treated efflue	ent	11 cmd							
Amount of v	water send to	o the CETP:	12 cmd							
Membershi	p of CETP (if	f require):	Yes							
Note on ET	P technology	7 to be used	where mixe Tank-ï? Sec	eperation of High Organic Streamï? steam strippingï? oxidation ï? Collection tank here mixed with other effluents (scrubber/CT blowdown sewage etc)> Aeration nk-ï? Secondary settling -ï? Pressure sand filter filter > Activated charcoal filter Treated effluent collection tank ï? sent to CETP)						
Disposal of	the ETP sluc	lge	ETP sludge	will be dispo	sed off to TI	CWMA, Nav	ri Mumbai.			
	2		38.Ha	zardous	Waste D	etails				
Serial Number	Desci	ription	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1		sludge from er treatment	35.3	kg/ month	0	1000	1000	CHWTSDF		
2	Spent	carbon	28.3	kg/ month	0	750	750	CHWTSDF		
3	Distillatio	on residue	20.3	kg/ month	0	1500	1500	CHWTSDF		
4	Contamina	ted Solvents	28.6	kg/ month	0	2000	2000	MPCB authorized parties or CHWTSDF		
5		arded oarrels/liners	33.1	kg/ month	0	as per generation	as per generation	Sale to authorized party		
1 -										

Shri Satish.M.Gavai (Member Secretary SEIAA)

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			39.	Stacks em	issio	n De	etails			
Serial Number	Section	& units		Used with uantity	Stack No.		Height from ground level (m)	Inte dian (n	eter	Temp. of Exhaust Gases
1	850 kg/ 1	Hr Boiler		ce oil: 1700 Kg/Day	1		30	as per norms		as per norms
2	Process	reactor			2		16	as j nor		as per norms
3	Solvent	scrubber			3	}	16	as j nor		as per norms
4	DG	set	HSD:	15 Lit/ Hr	4		4 feet	as j nor	per ms	as per norms
			40. D	Details of H	Fuel	to be	e used			3
Serial Number	Тур	Type of Fuel		Existing			Proposed			Total
1	Fu	rnace oil	pil 0				1700 kg/ day	7		1700 kg/ day
2		HSD 0					15 Lit/ Hr 15 Lit/ Hr			
41.Source o	1.Source of Fuel From nearby ve									
42.Mode of Transportation of fuel to site By road										
		Total RG ar	ea:	Green belt	area: 2	11.5 s	sq. m.			
		No of trees :	to be cut Not applicable							
43.Gree	n Belt	Number of t be planted :		en in El	n in EIA report.					
Develop	ment	List of prop native trees		Details give	en in EIA report.					
		Timeline for completion plantation :	of	Details given in EIA report.						
	44.Nu	mber and	list of	f trees spe	cies	to b	e planteo	d in t	the g	ground
Serial Number	Name of	the plant	Comm	non Name		Qua	ntity	Ch		eristics & ecological importance
1	-	-				-	-			
45	.Total qua	ntity of plant	s on gro	ound						
46.Num	ber and	list of sh	rubs a	nd bushes	s spe	cies	to be pla	ante	d in	the podium RG:
Serial Number	SY	Name		C/C Dista	C/C Distance				Area	n m2
1									-	-
				47.E	nerg	JY				



		Source of supply :	power	MSEDCL					
		During Co Phase: (De Load)		Fulfill from	existiı	ng load			
		DG set as back-up du construction	uring						
D	During Operation phase (Connected load):			650 KVA					
_	Power requirement: During (phase (D load):			650 KVA	650 KVA				
		Transform	er:						
		DG set as back-up du	uring	1 no. of 200	1 no. of 200 KVA DG set			00	
		Fuel used:		HSD: 15 Lit	:/Hr				
Details of high tension line passing through the plot if any:					-				
48.Energy saving by non-conventional method:									
49.Detail calculations & % of saving:									
Serial Number	E	nergy Cons	ervation M	easures	2	•		Sa	aving %
1									
		50	.Details	of polluti	ion c	ontrol S	yste	ms	
Source	Ex	isting pollu	tion contro	l system			Proj	posed	to be installed
Air				Stack for boiler, scrubber for process vents					
Water				In plant control + Effluent treatment plant					Effluent treatment plant
Noise			· · ·	Enclosure/ PPE					osure/ PPE
Solid & Hazardous Waste		P.P.			Dispose to CHWTSDF & MPCB authorized recycle			$\hat{\mathbf{x}}$ MPCB authorized recyclers	
	allocation	Capital cos	st:						
(Capital O&M		O & M cos	t:						
51	.Envir	onment	tal Mar	nageme	ent]	plan Bu	udg	etai	ry Allocation
		a)	Construe	ction pha	se (with Bre	ak-u	p):	
Serial Number	Attri	butes	Parai	meter		Total	Cost p	er an	num (Rs. In Lacs)
1				-				-	-
		b) Operat	ion Phas	e (w	ith Brea	k-up)):	
Serial Number	Comp	iption	Capital cost Rs. In Operational and Main			rational and Maintenance cost (Rs. in Lacs/yr)			
1	Air Polluti	on Control	Air Polluti	on Control		10			2
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2		ronment hitoring		onment toring			3			2		
3		Pollution ontrol		Pollution atrol			40			3		
4	Soli	ous waste & d waste agement	waste Solid v			waste 5			2			
5		en Belt lopment		n Belt opment			2			0.5		
6		onal Health & afety		al Healt fety	h &		3			1.5		
7	Socia	l welfare liftment	Social	welfare ftment			3					
51.S		e of che	-	(infl			_	osiv	/haz	zardou	s/toxic	
				sub	sta	nce	es)					
Descri	cription Status Location		n	Сар	rage acity MT	Maximum Quantity of Storage at any point of time in	/ M	umption onth in MT	Source of Supply	Means of transportation		
Furnac	re oil	proposed			4 ст	u.m.	MT 3 cu.m.	1700) kg/ day	Local	Tanker	
1 uillat		proposed		ny Ot			rmation		, kg/ uuy	Locui	Tuliker	
No Informa	tion Availa	ble	92.1	iny Ot	mer	11110						
			53.	Traffi	сM	ana	gement					
		Nos. of th to the ma design of confluence				·	-					
		Number a basement	nd area of :	Not ap	plicab	ole						
		Number a podia:	nd area of	Not applicable								
		Total Par	king area:	63.6 sq. m.								
		Area per		Not applicable								
Parking	details:	Number of Wheelers approved	Number of 2- Wheelers as approved by competent			Not applicable Not applicable						
			Number of 4- Wheelers as approved by competent authority:			Not applicable						
		Public Tra	ansport:	Not app	plicab	ole						
	Width of all Internal roads (m):			min 6 m.								
		CRZ/ RRZ obtain, if	clearance any:	Not ap	plicab	ole						
	Shri Satish.M.Gavai (Member Secretary SEIAA)							Pag	e 8 of SI	nand B hri. Anand K Chairman SE		

Prot Criti area area	ance from ected Areas / ically Polluted s / Eco-sensitive s/ inter-State ndaries	Not applicable
sche	gory as per dule of EIA fication sheet	5 (f)- B
Cour if an	rt cases pending _S	Not applicable
	er Relevant rmations	Not applicable
subn Appl	e you previously nitted lication online 10EF Website.	Yes
	e of online nission	21-07-2016

Brief information of the project by SEAC

The Committee noted that the project was considered under category 5 (f) B1 of the schedule of the EIA Notification, 2006. The PP gave a detailed presentation of their new project of manufacturing of API to the extent of 72 MT/A. ToR was granted in the 114th meeting.

DECISION OF SEAC

After detailed discussion the Committee observed as follows:

1. The project site is limited to 3000 sq. m. in area. This poses limitations in providing requisite parking and green belt as per the DC Regulations of MIDC. The Committee agreed to the PP's proposal to provide green belt in MIDC area outside the plot (200 sq. m). Requisite permission of MIDC in this regard shall be submitted. Parking (360 sq. m.) will be provided on plot area A-145/8 of TTC MIDC, Navi Mumbai. The agreement with the owner of the plot shall be made. No on-street parking shall be allowed.

2. The PP proposes to manufacture 9 discrete therapeutic products and has committed to manufacture <u>maximum 2</u> <u>products at a time</u> limiting the production to 6 MT/M. The PP has also committed to recover 12 MT/M of solvents like Ethanol, MDC, Isopropyl alcohol and Toluene. These solvents shall be recovered and reused in the process, thereby totally obviating the need to dispose them off to vendors. Contaminated/ residual solvents need to be sent to the CHWTSDF.

3. The emission management will be effected through stack of height 30m for the FO fired boiler of capacity 850 kg/hr.

4. The PP elaborated the process of effluent management which envisages maximum recovery of solvents and treatment of high COD stream before sending the effluent to CETP at TTC MIDC.

5. The PP has carried out Risk Assessment and Risk Management Studies. There will not be any incidence of off-site emergency, since solvents will be stored on plot no. A-145/8 of TTC MIDC, Navi Mumbai. Fire NOC for this plot may be taken. Various hazard management facilities provided by the PP.

The Committee went through the all aspects of Environmental Impact and noted that the baseline studies indicated that air, water, ground water, noise and soil parameters would remain well within prescribed limits even after commissioning of the project. The Committee therefore decided to recommend the project for EC subject to the observations (1-5) above.

Specific Conditions by SEAC:

SEIAA DECISION



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(Chairman SEIAA)

Approved

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions

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			SEIAA Meeting					
SEIAA	Meeting n	umber: SI	EIAA Meeting No. 110 M	eeting Date May 2, 2017				
Subject: Environmen	t Clearance fo	r M/s Modep	oro India Pvt. Ltd.					
General Informat 1st Floor, Sir P.M.I				ation (MSFC), United India Building,				
1.Name of Project		M/s Modepro) India Pvt. Ltd.					
2.Type of institution		Private						
B.Name of Project Prop	oonent	Mr. Mathew Kavalam						
.Name of Consultant		Sadekar Env	iro Engineers Pvt. Ltd.					
.Type of project		Not applicab	le					
6.New project/expansic project/modernization/ in existing project		Expansion in	existing project	5				
7.If expansion/diversifi whether environmenta has been obtained for o project	l clearance	No	No					
B.Location of the proje	ct	Plot No. D-16	6/2, TTC industrial area, Turbhe M	IIDC				
).Taluka		Thane						
l0.Village		Turbhe						
11.Area of the project		MIDC						
		NA						
12.IOD/IOA/Concession/Plan		IOD/IOA/Co	ncession/Plan Approval Numbe	er: NA				
Approval Number		Approved B	uilt-up Area: 1303.13					
13.Note on the initiate applicable)	d work (If	NA						
14.LOI / NOC / IOD from Other approvals (If app		NA						
15.Total Plot Area (sg.		Not applicab	la					
6.Deductions		Not applicable						
7.Net Plot area		Not applicable						
I/ INEL FIUL alea		a) FSI area (sg. m.): Not applicable						
18.Proposed Built-up A	rea (FSI &	b) Non FSI area (sq. m.): Not applicable						
Non-FSI)								
		c) Total BUA area (sq. m.): Not applicable						
19.Total ground covera	<u> </u>	Not applicable						
20.Ground-coverage Pe Note: Percentage of p to sky)		Not applicable						
21.Estimated cost of th	ne project	4000000						
	22.Num	ber of l	buildings & its c	onfiguration				
Serial number Build	ing Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	Not applicabl	e	Not applicable	Not applicable				
23.Number of tenants and shops	Not applica	ble		·				
24.Number of expected residents / users	Not applica	ble						
25.Tenant density per hectare	Not applica	ble						
26.Height of the building(s)								
pans	-			Anand B. Kulkarni				

A paras		Anand B. Kulkarni
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from t statio	yht of way h of the road he nearest fire n to the sed building(s)	6 meters					
for eas fire te moven around exclud	rning radius sy access of nder nent from all d the building ling the width e plantation	Not applicable					
29.Exi struct	sting ure (s) if any	Not applicable					
		Not applicable			5 ³		
		31.Production	Details				
Serial Number		Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)		
1		2-Benzoyl Pyridine	3.0	0	3.0		
2		Amide	2.4	0	2.4		
4							
3		2-Benzyl Pyridine	24.0	0	24.0		
		2-Benzyl Pyridine 4-Benzyl Pyridine	24.0 12.0	0 0	24.0 12.0		
3	5,6-Dihydro-6-methyl-4-o						
3 4		4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate	12.0	0	12.0		
3 4 5	(6S)-6-methyl-4-oxo-5,	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide	12.0 0.6	0	12.0 0.6		
3 4 5 6	(6S)-6-methyl-4-oxo-5,	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-4-one 7,7-dioxide (Dorzolamide	12.0 0.6 0	0 0 4.0	12.0 0.6 4.0		
3 4 5 6 7	(6S)-6-methyl-4-oxo-5,	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-4-one 7,7-dioxide (Dorzolamide Intermediate)	12.0 0.6 0 0	0 0 0 0 4.0 1.0 1.0	12.0 0.6 4.0 1.0		
3 4 5 6 7 8	(6S)-6-methyl-4-oxo-5,	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-4-one 7,7-dioxide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene	12.0 0.6 0 0 0	0 0 4.0 1.0 10.0	12.0 0.6 4.0 1.0 10.0		
3 4 5 6 7 8 9 10 11	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-4-one 7,7-dioxide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl	12:0 0.6 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0		
3 4 5 6 7 8 9 10 11 12	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-4-one 7,7-dioxide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0		
3 4 5 6 7 8 9 10 11 11 12 13	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di 4-Methoxy-5-[3-(mon	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefitinib Intermidiate)	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 3.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 3.0		
3 4 5 6 7 8 9 10 11 12 13 14	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di 4-Methoxy-5-[3-(mon	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefitinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sulfonamide-1,1-dioxide	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 3.0 1.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 3.0 1.0		
3 4 5 6 7 8 9 10 11 12 13 14 15	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di 4-Methoxy-5-[3-(mon (-)-3,4-Dihydro-2-(3-metho	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefitinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sylfonamide-1,1-dioxide 5-Chlorothiophene-2-carbonyl chloride	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 3.0 1.0 1.0 1.0		
3 4 5 6 7 8 9 10 11 12 13 14 15 16	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di 4-Methoxy-5-[3-(mon (-)-3,4-Dihydro-2-(3-metho Trans-4-Methyl	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefitinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sulfonamide-1,1-dioxide 5-Chlorothiophene-2-carbonyl chloride Cyclohexyl Amine Hydrochloride (Glimepiride intermediate)	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1		
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di 4-Methoxy-5-[3-(mon (-)-3,4-Dihydro-2-(3-metho Trans-4-Methyl 5-Chlorotl	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefitinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sulfonamide-1,1-dioxide 5-Chlorothiophene-2-carbonyl chloride Cyclohexyl Amine Hydrochloride (Glimepiride intermediate)	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 2.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1		
3 4 5 6 7 8 9 10 11 12 13 14 15 16	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di 4-Methoxy-5-[3-(mon (-)-3,4-Dihydro-2-(3-metho Trans-4-Methyl 5-Chlorotl	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b]thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefitinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sulfonamide-1,1-dioxide 5-Chlorothiophene-2-carbonyl chloride Cyclohexyl Amine Hydrochloride (Glimepiride intermediate)	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1		
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di (6S)-6-Methyl-5,6-di (-)-3,4-Dihydro-2-(3-methol (-)-3,4-Dihydro-2-(3-methol Trans-4-Methyl 5-Chlorotl 4-{4-{(5S)-5-(Amino met	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefitinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sulfonamide-1,1-dioxide 5-Chlorothiophene-2-carbonyl chloride Cyclohexyl Amine Hydrochloride (Climepiride intermediate) hyl)-2-oxo-1,3-oxazolidin-3-yl]phenyl} morpholin-3-one(Rivaroxaban	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 2.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1		
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di (6S)-6-Methyl-5,6-di (-)-3,4-Dihydro-2-(3-metho (-)-3,4-Dihydro-2-(3-metho Trans-4-Methyl 5-Chlorotl 4-{4-[(5S)-5-(Amino methol 3-(Bromomethol	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefitinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sulfonamide-1,1-dioxide 5-Chlorothiophene-2-carbonyl chloride Cyclohexyl Amine Hydrochloride (Climepiride intermediate) hyl)-2-oxo-1,3-oxazolidin-3-yl]phenyl} morpholin-3-one(Rivaroxaban Intermediates)	12:0 0,6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 2.0 1.0 1.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1.0 1.0 1.2 2.0 1.0		
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di (6S)-6-Methyl-5,6-di (-)-3,4-Dihydro-2-(3-metho (-)-3,4-Dihydro-2-(3-metho (-)-3,4-Dihydro-2-(3-metho Trans-4-Methyl 5-Chlorotl 4-{4-[(5S)-5-(Amino methol 3-(Bromomethy Ethyl 2-chloro-2-[2	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefittinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sulfonamide-1,1-dioxide 5-Chlorothiophene-2-carbonyl chloride Cyclohexyl Amine Hydrochloride (Climepiride intermediate) hyl)-2-oxo-1,3-oxazolidin-3-yl]phenyl} morpholin-3-one(Rivaroxaban Intermediates) yl)-7-chloro-1-benzothiophene (Sertaconazole intermediate)	12.0 0.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 2.0 1.0 1.0 1.0 1.0 1.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1		
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	(6S)-6-methyl-4-oxo-5, (6S)-6-Methyl-5,6-di (6S)-6-Methyl-5,6-di (-)-3,4-Dihydro-2-(3-metho (-)-3,4-Dihydro-2-(2-metho (-)-3,4-Dihydro-2-(2-metho (-)-3,4-Dihydro-2-(2-metho (-)-3,4-Dihydro-2-(2-metho (-)-3,4-Dihydro-2-(2-metho (-)-3,4-Dihydro-2-(2-metho))))))))))))))))))))))))))))))))))))	4-Benzyl Pyridine xothieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate Racemic) 6-dihydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) hydro-4H-thieno[2,3-b] thiopyran-2-sulphonamide (Dorzolamide Intermediate) 2-Bromo-5-benzoyl thiophene 3-Acetyl-2,5-dichlorothiophene 2-Chlorothiophene 1-Methyl-1-phenyl-1-(2-pyridyl)methanol.HCl 2-Chloro-3-methylthiophene rpholin-4-yl) propoxyl-2-nitrobenzonitrile (Gefittinib Intermidiate) xypropyl)-4-ol-2H-thieno-[3,2-e]-1,2-thiazine-6-sulfonamide-1,1-dioxide 5-Chlorothiophene-2-carbonyl chloride Cyclohexyl Amine Hydrochloride (Climepiride intermediate) hyl)-2-oxo-1,3-oxazolidin-3-yl]phenyl} morpholin-3-one(Rivaroxaban Intermediates) yl)-7-chloro-1-benzothiophene (Sertaconazole intermediate) -(4-methoxyphenyl) hydrazono]acetate (Apixaban Intermediate)	12:0 0,6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 2.0 1.0 1.0 1.0 2.0	12.0 0.6 4.0 1.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1.0 1.0 1.0 1.0 1.0 1.0 2.0		

32.Total Water Requirement



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(Chairman SEIAA)

		Source of wa	ter	Not applical	ole					
		Fresh water (Not applical						
		Recycled wat Flushing (CM	er -	Not applicable						
		Recycled wat Gardening (C		Not applicat	ole					
		Swimming po make up (Cu		Not applical	ole					
Dry season	1:	Total Water Requirement :	(CMD)	Not applical	ble					
		Fire fighting Underground tank(CMD):		Not applical	ble			5		
		Fire fighting Overhead wa tank(CMD):		Not applical	ble					
		Excess treate		Not applical						
		Source of wa		Not applicat						
		Fresh water (CMD): Not applicable								
		Recycled wat Flushing (CM	ID):	Not applicat	ole					
		Recycled wat Gardening (C		Not applicable						
		Swimming po make up (Cu		Not applicable						
Wet seaso	n:	Total Water Requirement :	(CMD)	Not applicable						
		Fire fighting Underground tank(CMD):		Not applical	ble					
		Fire fighting Overhead wa tank(CMD):		Not applical	ble					
		Excess treate	d water	Not applicable						
Details of pool (If an		Not applicable	;							
		33.	Detail	s of Total	l water co	nsume	d			
Particula rs	Cons	umption (CM	D)	Ι	Loss (CMD)		Efi	fluent (CMD)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	1.6	1.0	2.6	0.3	0.2	0.5	1.3	0.8	2.1	
Industrial Process	3.0	7.0	10.0	0	0	0	3.0	7.0	10.0	
Cooling tower & thermopa ck	9.2	22.7 31.9 7.31 16.49 2					1.89	6.21	8.1	
Gardening	1.0	3.0	4.0	1.0	3.0	4.0	0	0	0	
		3.0 4.0 1.0 3.0 4.0 0 0 0								



34.Rain Water Harvesting (RWH) Level of the Ground water table: 5.20 mbgl 34.Rain Water Harvesting (RWH) Size and no of RWH tank(s) and (Quantity: Location of the RWH tank(s): 1 nos RHW tank of 10 KL capacity Quantity: Location of the RWH tank(s): Behind the Building - II towards the Eastern boundary of the plot. Quantity: (RWH) Contin of the RWH tank(s): Behind the Building - II towards the Eastern boundary of the plot. Budgetary allocation (Capital cost): NA 1 Budgetary allocation (Capital cost): 150000 1 Budgetary allocation (Capital cost): Inder ground tank (Fire Hydrane Tark) : - 50 KL 1 Budgetary allocation (Capital cost): Storm water drained into MIDC drainage line 1 Quantity of storm water: Storm water drained into MIDC drainage line 1 Quantity of storm water: Pice Provention 2/4 Stree of SWD: NA 1 Sewage and dix LD: Stree are of the STP: NA Sewage generation in KDD: Z/4 1 Stree generation in KDD: NA 1 Budgetary allocation (Capital cost): NA 1 Budgetary allocation i	Fresh water requireme nt	14.8	33.7	48.5	8.61	14.89	23.5	6.19	14.01	20.2		
Arrive in the second				Ground	3.20 mbgl							
At.Rain Water Harvesting (RWH) tank(s): Behind the Building - II towards the Eastern Doundary of the plot. 9.4.Rain Water Harvesting (RWH) Quantity of recharge pits Size of recharge pits . NA Budgetary allocation (Capital cost) : 150000 Budgetary allocation (Capital cost) : 20000 Details of UGT tanks if any : Under ground tank (Fire Hydram Tank) : - 50 KL 35.Storm water drainage Natural water drainage pattern: Storm water drained into MIDC drainage line 90.000 Size of SWD: NA 90.001 Na Storm water 90.001 Natural water drainage pattern: Storm water drained into MIDC drainage line 90.001 NA Storm water 90.001 NA <th></th> <th></th> <th>tank(s) and</th> <th>of RWH</th> <th>1 nos RHW</th> <th>tank of 10 KL</th> <th>capacity</th> <th></th> <th></th> <th></th>			tank(s) and	of RWH	1 nos RHW	tank of 10 KL	capacity					
Baryesting (RWH) plts: INA Size of recharge pits : NA Budgetary allocation (Capital cost): 150000 Budgetary allocation (O & M cost): 20000 Details of UCT tasks if any: Under ground task (Fire Hydcant Task): -50 KL 35.Storm water drainage Natural water drainage pattern: Storm water drained into MIDC drainage line Quantity of storm water. 15.62 M3/Hr Size of SWD: NA Ster of SWD: NA Ster of SWD: NA Matural water drainage pattern: 2:4 Ster of SWD: NA Gapacity of STP (CMD): NA Iccation & area of (Capital cost): NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA Ster of StP: Stera metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the Pre Construction phase: Stera Material : 150 kg/M Waste generation in the operation phase: NA Biomedical waste (I applicable): NA <				the RWH	Behind the l	Building - II to	wards the	Eastern bou	ndary of the pl	ot.		
Size of recharge pits i NA Budgetary allocation (Capital cost): 150000 Budgetary allocation (Capital cost): 20000 Details of UGT tanks if any: Under ground tank (Fire Hydran Tank):-50 KL 35.Storm water drainage Natural water drainage pattern: Storm water drained into MIDC drainage line 35.Storm water drainage Natural water drainage pattern: Storm water drained into MIDC drainage line 35.Storm water drainage Natural water drainage pattern: Storm water drained into MIDC drainage line 35.Storm water drainage Natural water drainage pattern: Storm water drained into MIDC drainage line Store of SWD: NA NA Store of SWD: NA Storm water drained into MIDC drainage line Store of SWD: NA Storm water drained into MIDC drainage line Budgetary allocation (Capital cost): NA Store of Store of the St				recharge	NA				6			
Image: Capital cost) : 150000 Budgetary allocation (0 & M cost) : 20000 Details of UGT tanks if any : Under ground tank (Fire Hydrant Tank) : - 50 KL 35.Storm water drainage Natural water drainage pattern: Storm water drained into MIDC drainage line Quantity of storm vater: 15.62 M3/Hr Storm water drained into MIDC drainage line Size of SWD: NA NA Sewage generation in KLD: 2:4 Storm water Strip technology: The overflow from septic tank will be treated in aeration tank of ETP (CMD): NA Capacity of STP (CMD): NA NA Budgetary allocation (C & M cost): NA NA Budgetary allocation (O & M cost): NA Stora present and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the Pre Construction phase: Waste generation: Disposal of the construction waste etrips: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the operation phase: Dry waste: Scrap Material :-150 kg/M Wet waste: NA Material :-150 kg/M Waste generation in the operation phase: Strap Material :		0	Size of recha:	arge pits	NA				0,			
(O & M cost): 20000 Details of UGT tanks if any: Under ground tank (Fire Hydrant Tank.):-50 KL 35.Storm water drainage pattern: Storm water drained into MIDC drainage line 35.Storm water Quantity of storm water: 15.62 M3/Hr Size of SWD: NA NA Storm water Sewage generation in KLD: 2.1 STP technology: The overflow from septic tank will be treated in aeration tank of ETP (CMD): Capacity of STP (CMD): NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA State generation in the Pre Construction and Construction phase: Na Vaste generation in the operation phase: Disposal of the construction waste debris: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement. Waste generation in the operation phase: Disposal of the construction waste debris: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement. Waste generation in the operation phase: Disposal of the construction waste debris: NA Str Sludge (Dry shudge): NA NA Hazardous waste: NA					150000				3			
If any : Under ground tank (Fire Hydrant Tank) : - 50 KL If any : Under ground tank (Fire Hydrant Tank) : - 50 KL 35.Storm water drainage pattern: Quantity of storm water: Storm water drained into MIDC drainage line Quantity of storm water: 15.62 M3/Hr Size of SWD: NA Sewage generation in KLD: STP technology: The overflow from septic tank will be treated in aeration tank of ETP Capacity of STP (CMD): Capacity of STP (CMD): NA Budgetary allocation (Capifal cost): NA Budgetary allocation (0 & M cost): NA Scrap metal and insulation waste which will generate from equipmer replacement and re-arrangement Waste generation the Pre Construction phase: Maste generation: Disposal of the construction waste debris: Scrap Material :- 150 kg/ M Waste generation in the operation Phase: Try waste: Scrap Material :- 150 kg/ M Wet waste: NA Ma Biomedical waste (If applicable): NA Biomedical waste (If applicable): NA					20000		C					
drainage pattern: Storm water drained into AIDC drainage line 33.Storm water drainage Quantity of storm water: 15.62 M3/Hr Size of SWD: NA Sewage generation in KLD: 24 STP technology: The overflow from septic tank will be treated in aeration tank of ETP (CMD): Capacity of STP (CMD): NA Location & area of the STP: NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA State generation phase: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation phase: Disposal of the construction waste debris: Scrap Material :- 150 kg/ M Wet waste: NA NA Hazardous waste: NA Strap Material :- 150 kg/ M Met waste: Maste generation phase: NA				GT tanks	Under grou	nd tank (Fire I	Hydrant T	ank) : - 50 K	L			
35.Storm water drainage drainage pattern: Storm water drained into AlDC drainage line 35.Storm water drainage Quantity of storm water: 15.62 M3/Hr Size of SWD: NA Sewage generation in KLD: 24 STP technology: The overflow from septic tank will be treated in aeration tank of ETP (CMD): Storm water The overflow from septic tank will be treated in aeration tank of ETP (CMD): NA Capacity of STP (CMD): NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA Streametal and insulation waste which will generate from equipment replacement and re-arrangement Maste generation in the Pre Construction phase: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the operation phase: Disposal of the construction waste debris: Scrap Material :- 150 kg/ M Wet waste: NA Hazardous waste: NA Hazardous waste: NA Biomedical waste (If applicable): NA STP Sludge (Dry sludge): NA Others if any: NA			•									
drainage Quantity of storm water: 15.62 M3/Hr Size of SWD: NA Sewage and Waster Sewage generation in KLD: 2.1 STP technology: The overflow from septic tank will be treated in aeration tank of ETP (CMD): NA Location & area of the STP: NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA Stre generation in the Pre Construction phase: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the operation Disposal of the construction waste: NA The waste will be disposed through scrap vendor Waste generation in the operation Disposal of the construction waste: Stre Structure waste: NA Biomedical waste: NA Biomedical waste: NA Biomedical waste (If applicable): NA STP Sludge (Dry sludge): NA Others if any: NA					Storm water	r drained into	MIDC drai	nage line				
Sewage and Waste water Sewage generation in KLD: 2.1 STP technology: The overflow from septic tank will be treated in aeration tank of ETP Capacity of STP (CMD): NA Location & area of the STP: NA Budgetary allocation (Capital cost): NA Bidgetary allocation (Ca M cost): NA State generation in the Pre Construction and Construction phase: Waste generation: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the operation Phase: Disposal of the construction waste Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Wet waste: NA NA Waste generation in the operation Phase: Disposal of the construction waste Scrap Material :- 150 kg/ M Wet waste: NA NA Manual Biomedical waste(If applicable): NA STP Sludge(Dry sludge): NA Others if any: NA		water		storm	15.62 M3/Hr							
Sewage and in KLD: 2.1 STP technology: The overflow from septic tank will be treated in aeration tank of ETP Capacity of STP (CMD): NA Location & area of the STP. NA Budgetary allocation (Capital cost): NA Budgetary allocation (Co M cost): NA Budgetary allocation (O & M cost): NA Vaste generation in the Pre Construction phase: Waste generation: Disposal of the construction waste debris: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Wet waste: NA Hazardous waste: NA Hazardous waste: NA Ma Ma Biomedical waste(If applicable): NA STP Sludge(Dry sludge): NA Ma Ma			Size of SWD	•	NA	<u> </u>						
Sewage and in KLD: 2.1 STP technology: The overflow from septic tank will be treated in aeration tank of ETP Capacity of STP (CMD): NA Location & area of the STP. NA Budgetary allocation (Capital cost): NA Budgetary allocation (Co M cost): NA Budgetary allocation (O & M cost): NA Vaste generation in the Pre Construction phase: Waste generation: Disposal of the construction waste debris: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Wet waste: NA Hazardous waste: NA Hazardous waste: NA Ma Ma Biomedical waste(If applicable): NA STP Sludge(Dry sludge): NA Ma Ma												
Sewage and Waste water Capacity of STP (CMD): NA Location & area of the STP: NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA Budgetary allocation (Co & M cost): NA Budgetary allocation (O & M cost): Scrap metal and insulation waste which will generate from equipmer replacement and re-arrangement Pase: Disposal of the construction waste debris: Scrap Material :- 150 kg/ M Wet waste: NA NA Hazardous waste: NA Biomedical waste (If applicable): NA Strap Sludge(Dry sludge): <t< th=""><th></th><th></th><th></th><th>eration</th><th>2.1</th><th></th><th></th><th></th><th></th><th></th></t<>				eration	2.1							
Sewage and Waste water (CMD): INA Location & area of the STP: NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA Budgetary allocation (Ca M cost): NA Budgetary allocation (O & M cost): Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the Pre Construction and Construction waste debris: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the operation in the operation Phase: Disposal of the construction waste debris: Scrap Material :- 150 kg/ M Wet waste: NA Hazardous waste: NA Biomedical waste(If applicable): NA STP Sludge (Dry sludge): NA Others if any: NA			STP technol	ogy:	The overflow	w from septic t	ank will b	e treated in a	aeration tank o	of ETP		
Waste water Location & area of the STP: NA Budgetary allocation (Capital cost): NA Budgetary allocation (Capital cost): NA Budgetary allocation (Co & M cost): NA Budgetary allocation (Co & M cost): NA Waste generation in the Pre Construction phase: Waste generation: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Vaste generation: Disposal of the construction waste debris: Scrap Material :- 150 kg/ M Vaste generation: Scrap Material :- 150 kg/ M Matter waste: NA Maste generation: Scrap Material :- 150 kg/ M Waste generation: Scrap Material :- 150 kg/ M Matter waste: NA Maste generation: Scrap Material :- 150 kg/ M Waste generation: NA Biomedical waste: NA Matter waste: NA Mater waste: NA	Sowago	and		STP	NA							
(Capital cost):NABudgetary allocation (0 & M cost):NABudgetary allocation (0 & M cost):NAState ManagementWaste generation: hthe Pre Construction and Construction waste generation:Scrap metal and insulation waste which will generate from equipment replacement and re-arrangementWaste generation: hthe Pre Construction and Construction waste generation:Scrap Metal and insulation waste which will generate from equipment replacement and re-arrangementWaste generation: hthe Pre Construction waste debris:Disposal of the construction waste debris:Scrap Material :- 150 kg/ MWaste generation: hthe operation Phase:Dry waste: MaScrap Material :- 150 kg/ MMaterial:NAMaterial: </th <th></th> <th></th> <th></th> <th>rea of</th> <th>NA</th> <th></th> <th></th> <th></th> <th></th> <th></th>				rea of	NA							
Image: NA NA SG.Solid waste Management Waste generation in the Pre Construction and Construction phase: Waste generation: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Maste generation in the operation Waste generation: Scrap Material :- 150 kg/ M Maste generation Dry waste: Scrap Material :- 150 kg/ M Maste generation Scrap Material :- 150 kg/ M Maste generation NA Biomedical waste: NA Biomedical waste (If applicable): NA STP Sludge (Dry sludge): NA Others if any: NA					NA							
Waste generation in the Pre Construction and Construction phase: Waste generation: Scrap metal and insulation waste which will generate from equipment replacement and re-arrangement Waste generation in the operation Phase: Disposal of the construction waste debris: The waste will be disposed through scrap vendor Waste generation in the operation Phase: Dry waste: Scrap Material :- 150 kg/ M Wet waste: NA Hazardous waste: NA Biomedical waste (If applicable): NA STP Sludge (Dry sludge): NA Others if any: NA					NA							
Waste generation in the Pre Construction and Construction phase:waste generation:replacement and re-arrangementDisposal of the construction waste debris:The waste will be disposed through scrap vendorMaste generation in the operation Phase:Dry waste:Scrap Material :- 150 kg/ MHazardous waste:NABiomedical waste (If applicable):NASTP Sludge (Dry sludge):NAOthers if any:NA		5	30	6.Soli	d waste	Manag	emen	t				
and Construction phase:Disposal of the construction waste chebris:The waste will be disposed through scrap vendorphase:Dry waste:Scrap Material :- 150 kg/ MWaste will be disposed through scrap vendorMAHazardous waste:NABiomedical waste(f) opplicable):NASTP Sludge (Dry sludge):NAOthers if any:NA			Waste gener	ation:				nich will gene	erate from equ	ipment		
Waste generation Wet waste: NA Hazardous waste: NA Biomedical waste (If applicable): NA STP Sludge (Dry sludge): NA Others if any: NA	and Constr		construction		The waste w	vill be disposed	l through	scrap vendor				
Waste generation in the operation Phase:Hazardous waste:NABiomedical waste (If applicable):NASTP Sludge (Dry sludge):NAOthers if any:NA			Dry waste:		Scrap Mater	rial :- 150 kg/ l	M					
Waste generation Biomedical waste (If applicable): NA Phase: STP Sludge (Dry sludge): NA Others if any: NA			Wet waste:		NA							
in the operation Phase: Biomedical waste (If applicable): NA STP Sludge (Dry sludge): NA Others if any: NA	Wasto go	neration	Hazardous w	vaste:	NA							
STP Sludge (Dry sludge): NA Others if any: NA	in the ope			waste (If	NA							
5				(Dry	NA							
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		Dry waste:		The scrap r	naterial will	be disposed t	through scra	ap vendor		
		Wet waste		NA						
		Hazardous	waste:	NA						
Mode of a of waste:	Disposal	Biomedica applicable	l waste (If):	NA						
		STP Sludg sludge):	e (Dry	NA						
		Others if a	ny:	NA						
		Location(s):	As per plot layout						
Area requirem	ent:	Area for th of waste & material:								
		Area for machinery:								
Budgetary		Capital cos	st:	120000						
(Capital co O&M cost)		O & M cos	t:	65000						
			37.Ef	fluent C	harecter	estics				
Serial Number	Paran	neters	Unit		ffluent	Outlet I Charect		Effluent discharge standards (MPCB)		
1	р	H		3	.9	In betwee	en 6.5-8.5	6.5-8.5		
2	TI	DS	mg/l	677	45.2	<21	L00	<2100		
3	CC)D	mg/l	39973.15		<250		<250		
4	BC)D	mg/l	1340)3.04	<100		<100		
5	TS	SS	mg/l	1206	58.81	<1	00	<100		
Amount of e (CMD):	effluent gene	eration	20.2 CMD							
Capacity of	the ETP:		30 CMD & MEE of 5 CMD capacity							
Amount of t recycled :	reated efflue	ent	6.8 CMD							
Amount of v	vater send to	o the CETP:	10.0 CMD							
Membershij	p of CETP (if	f require):	Company is member of common effluent treatment plant (Thane - Belpaur) Association							
Note on ET	P technology	to be used	HCOD/TDS & LCOD/TDS effluent will be treated separately. HCOD/TDS effluent will be treated in MEE of 5 CMD capacity, condensate from MEE will be treated in aeration tank of conventional ETP with LOCD effluent followed by RO system							
Disposal of	the ETP sluc	lge	ETP sludge	will be disp	osed through	n TTCWMA				
			38.H a	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Empty Car	rboy, Bags	33.3	Kg/M	100	220	320	MPCB authorized recycle		
2	Empty	Drums	33.3	Nos/M	100	185	285	MPCB authorized recycle		
3	Distillatio	n Residue	20.3	T/A	0.1	2.43	2.53	CHWTSDF-TTCWMA		
4	ETP S	ludge	35.3	kg/A	4500	4500	9000	CHWTSDF-TTCWMA		
5	MEE R	lesidue	37.3	Kg/D	0	373	373	CHWTSDF-TTCWMA		
6	Spent S	Solvents	20.2	T/D	0	0.59	0.59	Sale to authorized parties		



			3	9.St	acks em	issio	n De	etails		
Serial Number	Section	a & units	Fu	Fuel Used with Quantity		Stack	x No.	Height from ground level (m)	Intern diamet (m)	Tomn of Exhaust
1		00kg/Hr) & nopack	FO) :- 1.1	94 KL/D	0	1	30	0.35	93
2						0	2	7.16	0.12	50
3	Scru	bber-1				0	3	11	0.5	32
4	Scru	bber-2				04	4	11	0.5	32
			40).De	tails of l	Fuel 1	to be	e used		
Serial Number	Tyj	pe of Fuel			Existing			Proposed		Total
1		FO			0.288 KL/D			0.906 KL/D		1.194 KL/D
					35 Lit/ Hr			-		35 Lit/ hr
41.Source of Fuel					Vendor					
42.Mode of	Transporta	tion of fuel to	site	By roa	ad					
		-								
		Total RG a	rea :		605.64					
		No of trees	to be	cut	NA		C			
43.Gree		Number of be planted		ees to NA						
Develop	ment	List of prop native tree			NA					
		Timeline for completion plantation	of		NA					
	44.Nu	mber and	list	of t	rees spe	cies	to b	e plante	d in th	e ground
Serial Number	Name of	the plant	Co	mmoi	n Name		Qua	ntity	Chara	acteristics & ecological importance
1	ľ	JA		N	A		N	A		NA
45	.Total qua	ntity of plan	ts on	groun	d					
46.Num	ber and	l list of sh	rub	s and	d bushes	s spe	cies	to be pla	anted	in the podium RG
Serial Number		Name			C/C Dista	ance			A	Area m2
1		NA			NA NA				NA	
	5				47. E	nero	IV	-		



		Source of j supply :	oower	MSEDCL				
		During Con Phase: (De Load)		311 KVA				
		DG set as l back-up du constructio	ıring	250 KVA				
Pow	10 M	During Op phase (Cor load):		864 KW				
require		During Op phase (Der load):		691 KVA				
		Transform	er:	1000 KVA				
		DG set as l back-up du operation	iring	250 KVA			00	
		Fuel used:		HSD : 35 Li	t/ Hr			
		Details of I tension lin through th any:	e passing	NA				
		-	rav savi	na hy noi	n-coi	nventional m	ethod:	
		IUILIIU	igy sur	ing by 1101				
			Dotail	colculati	0.00	C 0/ of coving		
0.11		43	9.Detall	Calculati		& % of saving	y:	
Serial Number	E	nergy Cons	ervation Mo	easures			Saving %	
1								
	1			of pollution control Systems				
Source		xisting poll		-		Pro	posed to be installed	
Process Emissions	2 nos of		rubbers are ess emission	provided to scrub Existing scrubbing system is sufficient to proposed load of expansion				
Boiler/ Thermopack Emission	Commo	n stack of 15	m for boiler	r and thermopack Existing stack of 15 m will be replaced by 30 m star				
D.G. Set			0	evel is provide	ed	Exist	ing stack will be utilized	
Budgetary a (Capital c	ost and							
О&М с		O & M cost						
51.Environmental Management plan Budgetary Allocation								
		a)	Construc	ction pha	se (v	with Break-u	p):	
Serial Number	Attri	butes		neter			er annum (Rs. In Lacs)	
1	N	A	Ν	A			NA	
		b) Operat	ion Phas	e (wi	th Break-up):	
Serial Number	Comp	onent	-	iption		ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	



1	Air Pollut	ion Control	New stack of 30 meters will be installed		20.50		1.20	
2	2 Water Pollution Control		Purchase of 5 CM capacity MEE wit stripper, ATFD & 1 gradation of ETP to CMD capacity	:h Up	130		10.10)
3	3 Noise Pollution Control		Installation of ant vibration pads, & Enclosures.				0.15	
4	Monito	onment oring and gement	Quarterly Environment Monitoring				5.10	
5	Occupatio	onal Health	Glares, Breathing Masks, Gloves, Boo Helmets, Ear Plug etc. & annual heal medical checkup workers	ots, js th-	1.80	2	1.10	•
6	Gree	en Belt	Maintenance of gre	een			0.40	
7		Waste gement	Containers for store of solid waste	age	1.20		0.65	
8	8 Rain Water Harvesting		system & annua	Installation of RWH system & annual cleaning of RWH tank			0.20	
51.5	Storage	e of che	emicals (infl sub	amabl stance	_	osive/haz	zardou	s/toxic
Descr	ription	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportatio n
	r iption nia gas	Status Liquefied Gas	Location Cylinder	Capacity	Quantity of Storage at any point of time in	/ Month in		transportatio
Ammo	-	Liquefied	GV	Capacity in MT	Quantity of Storage at any point of time in MT	/ Month in MT	Supply	transportatio n
Ammo	nia gas	Liquefied Gas	Cylinder	Capacity in MT 0.158	Quantity of Storage at any point of time in MT 0.158	/ Month in MT 0.158	Supply Local	transportatio n Road
Ammo Activated Azobisisob	nia gas l Charcoal	Liquefied Gas Solid	Cylinder Bag	Capacity in MT 0.158 0.5	Quantity of Storage at any point of time in MT 0.158 0.5	/ Month in MT 0.158 0.5	Supply Local Local	transportatio n Road Road
Ammo Activated Azobisisob Acetyl o	nia gas I Charcoal utyronitrile	Liquefied Gas Solid Liquid	Cylinder Bag Drum	Capacity in MT 0.158 0.5 0.05	Quantity of Storage at any point of time in MT 0.158 0.5 0.05	/ Month in MT 0.158 0.5 0.05	Supply Local Local Local	transportatio n Road Road Road
Ammo Activated Azobisisob Acetyl o Ace	nia gas l Charcoal utyronitrile chloride	Liquefied Gas Solid Liquid Liquid	Cylinder Bag Drum Drum	Capacity in MT 0.158 0.5 0.05 1.0	Quantity of Storage at any point of time in MT 0.158 0.5 0.05 1.0	/ Month in MT 0.158 0.5 0.05 1.0	Supply Local Local Local Local	transportatio n Road Road Road Road
Ammo Activated Azobisisob Acetyl o Aceto Aluminiun	nia gas l Charcoal utyronitrile chloride etone onitrile m chloride	Liquefied Gas Solid Liquid Liquid Liquid Liquid	Cylinder Bag Drum Drum Drum Drum Drum Drum	Capacity in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0	Quantity of Storage at any point of time in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0	/ Month in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0	Supply Local Local Local Local Local	transportatio n Road Road Road Road Road
Ammo Activated Azobisisob Acetyl o Ace Aceto Aluminium Aceti	nia gas l Charcoal utyronitrile chloride tone onitrile m chloride c Acid	Liquefied Gas Solid Liquid Liquid Liquid Liquid Liquid Liquid	Cylinder Bag Drum Drum Drum Drum Drum Carboy	Capacity in MT 0.158 0.5 0.05 1.0 1.0 1.0 0.5	Quantity of Storage at any point of time in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0 0.5	/ Month in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 0.5	Supply Local Local Local Local Local Local	transportatio n Road Road Road Road Road Road Road Road
Ammo Activated Azobisisob Acetyl o Aceto Aluminiuu Aceti Aqueous	nia gas l Charcoal utyronitrile chloride tone onitrile m chloride c Acid Ammonia	Liquefied Gas Solid Liquid Liquid Liquid Liquid Liquid Liquid	Cylinder Bag Drum Drum Drum Drum Drum Carboy Drum	Capacity in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0 0.5 0.5	Quantity of Storage at any point of time in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 0.5 0.5 0.5	/ Month in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0 0.5 0.5	Supply Local Local Local Local Local Local Local Local Local	transportatio n Road Road Road Road Road Road Road Road
Ammo Activated Azobisisob Acetyl o Aceto Aluminium Aceti Aqueous N-Bromo s Borane sulphide co	nia gas d Charcoal utyronitrile chloride onitrile m chloride c Acid Ammonia succinimide dimethyl omplex 10 M	Liquefied Gas Solid Liquid Liquid Liquid Liquid Liquid Liquid	Cylinder Bag Drum Drum Drum Drum Drum Carboy	Capacity in MT 0.158 0.5 0.05 1.0 1.0 1.0 0.5	Quantity of Storage at any point of time in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0 0.5	/ Month in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 0.5	Supply Local Local Local Local Local Local Local Local	transportatio n Road Road Road Road Road Road Road Road
Ammo Activated Azobisisob Acetyl d Aceto Aceto Aluminiuu Aceti Aqueous N-Bromo s Borane sulphide co Solun(nia gas d Charcoal utyronitrile chloride onitrile m chloride c Acid Ammonia succinimide dimethyl	Liquefied Gas Solid Liquid Liquid Liquid Liquid Liquid Liquid Liquid	Cylinder Bag Drum Drum Drum Drum Drum Carboy Drum Drum	Capacity in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0 0.5 0.5 0.2	Quantity of Storage at any point of time in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 0.5 0.5 0.5 0.5 0.2	/ Month in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0 0.5 0.5 0.2	Supply Local Local Local Local Local Local Local Local Local Local	transportatio n Road Road Road Road Road Road Road Road
Ammo Activated Azobisisob Acetyl d Aceto Aluminium Aceti Aqueous N-Bromo s Borane sulphide co Solun(Benzyl N-Butyl Liti	nia gas l Charcoal utyronitrile chloride tone mitrile m chloride c Acid Ammonia succinimide dimethyl pmplex 10 M BDMS)	Liquefied Gas Solid Liquid Liquid Liquid Liquid Liquid Liquid Liquid Gas	Cylinder Bag Drum Drum Drum Drum Drum Carboy Drum Drum Carboy Cylinder	Capacity in MT 0.158 0.5 0.05 1.0 1.0 1.0 0.5 0.5 0.3	Quantity of Storage at any point of time in MT 0.158 0.5 0.05 1.0 1.0 0.5 0.5 0.05 1.0 1.0 0.5 0.5 0.3	/ Month in MT 0.158 0.5 0.05 1.0 1.0 1.0 1.0 1.0 0.5 0.5 0.5 0.2 0.3	Supply Local Local Local Local Local Local Local Local Local Local Local	transportatio n Road Road Road Road Road Road Road Road

Shri Satish.M.Gavai (Member Secretary SEIAA)

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Benzoyl chloride	Liquid	Drum	1.0	1.0	1.0	Local	Road
Copper powder	Solid	Bag	0.01	0.01	0.01	Local	Road
Chloropentanoyl chloride (Chloro valeryl chloride)	Liquid	Drum	0.2	0.2	0.2	Import	Sea
Chlorosulfonic Acid	Liquid	Drum	1.0	1.0	1.0	Local	Road
Chloroacetone	Liquid	Drum	0.2	0.2	0.2	Local	Road
Cyclohexane	Liquid	Drum	0.2	0.2	0.2	Local	Road
2-Chloro thiophenol	Liquid	Drum	1.2	1.2	1.2	Import	Air
2-Chloro benzaldehyde	Liquid	Drum	1.5	1.5	1.5	Import	Air
2-Chloro-6-methyl aniline	Liquid	Drum	0.2	0.2	0.2	Local	Road
Calcium oxide	Solid	Bag	0.15	0.15	0.15	Local	Road
Dichloromethane (MDC)	Liquid	Drum	4.0	4.0	4.0	Local	Road
1,4-Dioxane	Liquid	Drum	0.36	0.36	0.36	Local	Road
Diisopropyl ethylamine (DIPEA)	Liquid	Drum	1.3	1.3	1.3	Local	Road
3-Ethoxy acryloyl chloride	Liquid	Drum	0.3	0.3	0.3	Local	Road
Ethyl acetate	Liquid	Drum	1.0	1.0	1.0	Local	Road
Ethylene dichloride (EDC)	Liquid	Drum	1.0	1.0	1.0	Local	Road
Hydroxyl amine-o- sulfonic acid (HOSA)	Liquid	Drum	0.2	0.2	0.2	Import	Air
Hydroxyl amine HCl	Liquid	Drum	1.0	1.0	1.0	Local	Road
3-Hydroxy methoxy benzaldehyde (Isovanilin)	Liquid	Drum	0.6	0.6	0.6	Import	Sea
Con. Hydrochloric acid	Liquid	Drum	4.0	4.0	4.0	Local	Road
48% Hydrobromic acid	Liquid	Drum	1.0	1.0	1.0	Local	Road
50 % Hydrogen peroxide	Liquid	Drum	1.0	1.0	1.0	Local	Road
Isopropyl alcohol (IPA)	Liquid	Drum	1.0	1.0	1.0	Local	Road
Methyl chloride	Gas	Cylinder	0.6	0.6	0.6	Local	Road
(R)-(+) - 2-MethylCBS Oxazolideine CBS Reagent (1M in Toluene)	Gas	Cylinder	0.12	0.12	0.12	Import	Air
4-Methyl cyclohexanone	Liquid	Drum	1.0	1.0	1.0	Import	Air
Magnesium	Solid	Bag	0.5	0.5	0.5	Local	Road
3- Methylthiophene	Liquid	Drum	2.0	2.0	2.0	Import	Sea
Methanol	Liquid	Drum	2.0	2.0	2.0	Local	Road
Methyl chloroformate	Liquid	Drum	0.2	0.2	0.2	Local	Road
60% Aq. Nitric acid	Liquid	Drum	0.3	0.3	0.3	Local	Road
Pyridine	Liquid	Drum	2.0	2.0	2.0	Local	Road
Pyridine hydrochloride	Liquid	Drum	0.2	0.2	0.2	Local	Road
Propylene glycol	Liquid	Drum	2.0	2.0	2.0	Local	Road
Potassium carbonate	Solid	Bag	0.5	0.5	0.5	Local	Road
Potassium tert butoxide	Liquid	Drum	0.2	0.2	0.2	Local	Road
Potassium permanganate	Solid	Bag	0.5	0.5	0.5	Local	Road



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	AA	1					
	Nos. of th to the ma design of confluence						
		53.Tra	iffic Manag	jement			
No Information Availab	ole						
		52.Any	Other Info	rmation			
Chlorine Gas	Gas	Cylinder	0.1	0.1	0.1	Local	Road
Hydrogen Gas	Gas	Cylinder	7 Cum	7 Cum	7 Cum	Local	Road
Thiourea	Solid	Bag	0.2	0.2	0.2	Local	Road
Thiophene	Liquid	Drum	5.0	5.0	5.0	Import	Sea
Cetra-n-butylammonium bromide (TBAB)	Liquid	Drum	0.1	0.1	0.1	Local	Road
Trimethylsilyl chloride (TMSCl)	Liquid	Drum	0.4	0.4	0.4	Local	Road
Thionyl chloride	Liquid	Drum	0.9	0.9	0.9	Local	Road
Titanium tetrachloride	Solid	Bag	0.5	0.5	0.5	Local	Road
Tetrahydrofuran (THF)	Liquid	Drum	2.0	2.0	2.0	Local	Road
Toluene	Liquid	Drum	1.0	1.0	1.0	Local	Road
Sodium tungstate	Solid	Bag	0.05	0.05	0.05	Local	Road
Sodium carbonate	Solid	Bag	0.5	0.5	0.5	Local	Road
Sodium bicarbonate	Solid	Bag	0.5	0.5	0.5	Local	Road
Sodium acetate	Solid	Bag	0.5	0.5	0.5	Local	Road
Sodium hydroxide	Solid	Bag	1.0	1.0	1.0	Local	Road
mercaptide Sodium metal	Solid	Bag	3.0	3.0	3.0	Local	Road
Sodium methyl	Solid	Bag	5.0	5.0	5.0	Local	Road
hypochloride solution Sulphuric acid	Liquid	Drum	0.2	0.2	0.2	Local	Road
10 % Aq Sodium	Liquid	Drum	2.0	2.0	2.0	Local	Road
Sodium metabisulphite	Solid	Bag	0.2	0.2	0.2	Local	Road
Charcoal (5% Pd/C) Sulphur dioxide	Solid Gas	Bag Cylinder	0.01	0.01	0.01	Local Local	Road



	Number and area of basement:	
	Number and area of podia:	
	Total Parking area:	441 sq.m.
	Area per car:	
	Area per car:	
Parking details:	Number of 2- Wheelers as approved by competent authority:	
	Number of 4- Wheelers as approved by competent authority:	
	Public Transport:	-
	Width of all Internal roads (m):	-
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	
	Category as per schedule of EIA Notification sheet	Schedule 5(f) Category - 'B1'
	Court cases pending if any	No
	Other Relevant Informations	
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	Brief informa	tion of the project by SEAC

Minutes of 135th SEAC-1 Meeting :

The PP gave a detailed presentation of their EIA report envisaging augmentation of their production capacity of API intermediates and Fine Chemicals from 43.2 TPA to 113.2 TPA. The project was considered under category 5(f)-B1 of the schedule of the EIA Notification 2006.

DECISION OF SEAC

Shri Satish.M.Gavai (Member Secretary SEIAA)

as

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The baseline studies indicated that air, water, ground water, noise and soil parameters would remain well within prescribed limits even after commissioning of the project. After detailed deliberations the Committee made the following observations:

1. The PP submitted that the CETP at MIDC TTC, Navi Mumbai has capacity to take additional load. The Committee took note of this. MPCB may verify this before granting Consent to Operate.

2. The PP will provide 12% of plot area for parking and 33% of un-built area for green belt. 2 gates are existing on the Southern side of the plot adjoining the road.

3. A detailed presentation was made on Risk Assessment and Risk Mitigation. There is a contingency of off-site emergency, hence hazard management plan shall be shared with the District Administration in case of accidents. Layout of the plot is submitted by PP with the all hazard management facilities. Maharashtra Pollution Control Board (MPCB) should verify the provision of these facilities before granting Consent to Operate.

4. Effluent management envisages segregation of streams into High COD/TDS and Low COD/TDS streams. The former stream will be subjected to pre-treatment with Phenton / Hydrogen Peroxide (H2O2). This will be followed by stripper, MEE & ATFD. MEE condensate will be led to ETP. The latter stream will subjected to ETP comprising of primary, secondary and tertiary treatment. Domestic effluent will be led directly into aeration tank of ETP. ETP of 40 CMD shall be provided; thus the present augmentation should involve upgradation of ETP from 15 CMD to 40 CMD. Installation of 5 CMD stripper, MEE and ATFD will also be required. In this context 11.8 CMD ETP effluent should be recycled in cooling tower and flushing.

5. The emission from 1600 kg/hr boiler and 4 kcal/ hr thermopack (FO based) shall be led to stack of height 30m. Process emissions shall be subjected to alkali/acid scrubber followed by stack of height 6m above the roof level. An outlet TPM level of < 100 mg/Nm3 should be achieved. 6. There should be 90-95% recovery of solvents. 30 % of recovered solvent may be sold to authorized vendors, and the rest should be reused. Hazardous waste shall be sent to the CHWTSDF, Mahape. <u>Chloro compounds should not be sent to hazard management facility but should be mineralized</u> <u>locally and disposed of in safe manner.</u>

After considering all aspects of Environmental Impact the Committee decided to **recommend** the project for **EC** subject to the observations above (1-6).

Specific Conditions by SEAC:

SEIAA DECISION

Approved

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



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SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Establishment of Synthetic Organic Chemical API Manufacturing facility by Glenmark Pharmaceuticals limited at Plot No. B- 25, MIDC Shendra, Aurangabad, 431210, Maharashtra

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

1.Name of P	roject				Manufacturing facility by Glenmark Shendra, Aurangabad, 431210, Maharashtra			
2.Type of ins	stitution		Private					
3.Name of P	roject Propo	nent	Glenmark Ph	armaceuticals limited				
4.Name of C	onsultant		Aditya Environmental Services pvt. Ltd.					
5.Type of pro	oject		Not applicable					
6.New project/mode in existing p	ernization/di	in existing iversification		n in existing facility. Existing facility tification, 2006.	pertains to formulation which does not falls			
7.If expansion whether environment has been obto project	ironmental o	learance	Not Applicab	le	000			
8.Location o	f the project	,	Plot No. B- 2	5, MIDC Shendra, Aurangabad, 4312	10, Maharashtra			
9.Taluka			Aurangabad					
10.Village			Kumbephal					
11.Area of th	ne project		Maharashtra	Industrial Development Corporation				
			As per MIDC	norms				
12.IOD/IOA/ Approval Nu		Plan	IOD/IOA/Co	ncession/Plan Approval Number:	MIDC Plot plan approval			
Approvariau	mber		Approved B	uilt-up Area: 26465				
13.Note on t applicable)	he initiated	work (If	Not Applicab	le				
14.LOI / NOO Other approv			MIDC plan approval No. E11825					
15.Total Plot	t Area (sq. m	ı.)	118,955 sq.m.					
16.Deduction	ns		Not applicable					
17.Net Plot a	area		Not applicable					
			a) FSI area	(sq. m.): Not applicable				
18.Proposed Non-FSI)	Built-up Are	ea (FSI &	b) Non FSI a	area (sq. m.): Not applicable				
Non 101)			c) Total BU	A area (sq. m.): 26,465				
19.Total gro	und coverag	e (m2)	Not applicable					
20.Ground-c (Note: Perce to sky)			Not applicabl	le				
21.Estimated	d cost of the	project	40000000					
		2.Num	ber of l	ouildings & its co	nfiguration			
Serial number	Buildin	ng Name & 1	number	Number of floors	Height of the building (Mtrs)			
1	1	Not applicabl	e	Not applicable	Not applicable			
23.Number tenants an		Not applica	ble					
24.Number expected re users	r of	Not applica	ble					
25.Tenant per hectare		Not applica	ble					



26.Heigh building(
from the station to	f the road nearest fire	Min. 6 m			
around t	access of er at from all he building g the width	Not applicable			
29.Existin structure	ng e (s) if any	Existing facility perta	ins to formulation whi	ch does not falls unde	r EIA notification, 2006.
30.Detail demolitic disposal applicabl	on with (If	Not applicable			000
		31.	Production	Details	5
Serial Number		Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	(Crofelemer	0.417	0	0.417
2		Tablets	50 million per annum	0	50 million per annum
3		Capsules	50 million per annum	0	50 million per annum
4		Inhalers	5 million per annum	0	5 million per annum
5	(Riluzole), Anti HCl), Anti em Erectile Dysf Fungal (Fluc Anti Histan Levocetrizen (Rosuvas hypertensive Medoxomil, I Telmisartan Anticonv Oxcarbaz (Sitagli Ar (Etoricoxib), Magnesium Sedative(Zolp A Inhibitor(Cilos Fum	apalene), Anti-Alzheimer ti depressant (Bupropion etic (Palonosetron), Anti function (Tadalafil), Anti tonazole, Voriconazole), minic (Desloratadine, ee), Anti Hyperlipidemia tatin Calcium), Anti (Cilazapril, Olmesartan Perindopril Erbuminem,), Antibiotic (Linzolid), ulsant (Zonisamide, eepine), Antidiabetic ptin, Tenegliptin), atirheumatics Antiulcer(Esomeprazole n Dihydrate),Hypnotic, pidem Tartrate),Platelet Aggregation tazal),Psoriasis(Dimethvl iarate),To treat is(Strontium Ranelate)	0	18.4	18.4



		Source of wa	ter	MIDC							
		Fresh water ((CMD):	340 cmd							
		Recycled wat Flushing (CM		Not applical	ole						
		Recycled wat Gardening (C		Not applicable							
		Swimming po make up (Cu		Not applicat	ole						
Dry season	Dry season: Requirement (CMD :			618 cmd (Fr	resh water- 340) cmd & R	lecycle water	- 278 cmd)			
		Fire fighting Underground tank(CMD):		Not applical	ole			5			
		Fire fighting Overhead wa tank(CMD):		Not applical	ole						
		Excess treate	d water	Not applical	ole						
		Source of wa	ter	Not applical	ole						
		Fresh water ((CMD):	Not applical	ole						
		Recycled wat Flushing (CM		Not applical	Not applicable						
		Recycled wat Gardening (C		Not applicable							
		Swimming po make up (Cu		Not applicable							
Wet seaso	n:	Total Water Requirement :	(CMD)	Not applicable							
		Fire fighting Underground tank(CMD):		Not applicable							
		Fire fighting Overhead wa tank(CMD):		Not applicable							
		Excess treate	d water	Not applicable							
Details of a pool (If an		Not applicable									
		33.	Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	umption (CM	D)	Ι	Loss (CMD)		Efi	fluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	25	20	45	5	0	5	20	20	40		
Industrial Process	106	112	218	6	28	34	100	84	184		
Cooling tower & thermopa ck	119	191	310	106	150	256	13	41	54		
Gardening	5	40	45	5	40	45	0	0	0		



	Level of the Ground	
	water table:	
	Size and no of RWH tank(s) and Quantity:	Rain water quantity: 40 cmd (During wet season)
	Location of the RWH tank(s):	
34.Rain Water Harvesting	Quantity of recharge pits:	
(RWH)	Size of recharge pits :	
	Budgetary allocation (Capital cost) :	15 Lakhs
	Budgetary allocation (O & M cost) :	5 Lakhs per annum
	Details of UGT tanks if any :	Not applicable
25 Storm and the	Natural water drainage pattern:	-
35.Storm water drainage	Quantity of storm water:	-
	Size of SWD:	
	Sewage generation in KLD:	40 cmd
	STP technology:	Sewage water partially treat in STP & then sent to ETP for final treatment.
Sewage and	Capacity of STP (CMD):	STP capacity: 40 cmd
Waste water	Location & area of the STP:	Near solvent recovery plant
	Budgetary allocation (Capital cost):	
	Budgetary allocation (O & M cost):	
		d waste Management
Waste generation in	Waste generation:	During construction phase waste debris will generate in minor quantity.
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction waste debris will be reused for levelling.
	Dry waste:	Carton boxes and paper scrap: 3.74 TPA, Fiber drum: 11,200 Nos./A, Aluminum foil: 5,00,000 Nos./A, Poly bags scrap: 4.7 TPA, Aluminum scrap: 4.5 TPA, Paper scrap: 43.2 TPA, Metal scrap: 10.5 TPA, Wooden scrap: 9 TPA
	Wet waste:	Not applicable
Waste generation in the operation Phase:	Hazardous waste:	Used Oil, Spent mother liquor, Discarded barrels/ containers/ liners, Chemical sludge from waste water treatment, Filter and filter material which have organic liquid, Residue and wastes, Plastic drums/ MS Drums/ Gunny bags, Waste /oil soaked cotton, Spent catalyst + Charcoal, Distillation residue, Off specifications products, Date expired discarded & off specifications drugs/ products/ raw materials, Spent solvent, Flue gas cleaning residue, Resin from DM plants, Used batteries from UPS, Insula
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	STP sludge will be disposed of in CHWTSDF.

		Dry waste:		Dry waste v	vill be dispos	sed off as per	r norms.			
		Wet waste		Not applica	ble					
Mode of I	Dienocal	Hazardous	waste:	Hazardous waste will be disposed off to CHWTSDF, authorized recycler, re processors.						
Mode of I of waste:		Biomedica applicable		Not applicable						
		STP Sludg sludge):	e (Dry	STP sludge will be disposed of ill CHW15DF.						
		Others if a	ny:	Not applica	ble					
		Location(s):	Details give	en in EIA rep	ort.				
Area for the of waste & material:										
		Area for m	achinery:	Details give	en in EIA rep	ort.		2		
	allocation	Capital cos	st:	15 Lakhs			C			
(Capital co O&M cost)		O & M cos	t:	50 Lakhs pe	er annum			9		
		L	37.Ef	fluent C	harecter	estics				
Serial Number	Paran	neters	Unit		ffluent cerestics	Outlet I Charect		Effluent discharge standards (MPCB)		
1	р	Η		3	-9	6.5 to 8.5		6.5 to 8.5		
2	Total Suspe	ended solids	mg/L	1500 t	o 2000	<100		100		
3	Total Disso	olved solids	mg/L	5000 to 6000		<22	100	2100		
4		ll oxygen land	mg/L	30,000 t	o 32,000	<2	50	250		
5		al oxygen aand	mg/L	12,000 to 14,000		<1	00	100		
6	0.8	à G	mg/L	80 to 100 <10 10						
Amount of e (CMD):	effluent gene	eration	278 cmd	md						
Capacity of	the ETP:		300 cmd							
Amount of t recycled :	reated efflue	ent	278 cmd							
Amount of v	water send to	o the CETP:	Proposed p	project will maintain zero liquid discharge.						
Membershi	p of CETP (if	require):	Not applica	able						
Note on ET	P technology	to be used	ETP details	s given in EIA report.						
Disposal of	the ETP sluc	lge	ETP sludge	will be disp	osed to CHW	TSDF.				
	CV		38.Ha	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Used	d Oil	5.1	TPA	0.6	3.4	4	Sale to MoEF /MPCB approved recyclers		
2	Spent mot	her liquor	28.4	TPA	1826.8	0	1826.8	Distillation & Sale to authorized recycler/CHWTSDF		
3	Discarde containe		33.1	Nos./A	3000	30,000	33,000	Sale to authorized recycler/CHWTSDF		
4		ludge from r treatment	35.3	TPA	1001.2	2000	3000	CHWTSDF		



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5	Filter and filter material which have organic liquid	33.2	TPA	7.2	76.8	84	CHWTSDF
6	Residue and wastes	28.1	TPA	10.93	54.07	65	CHWTSDF
7	Plastic drums, MS Drums, Gunny bags	33.1 Nos/A		14,900		14,900	Sale to authorized recycler
8	Waste /oil soaked cotton	5.2	TPA	0	1.5	1.5	Sale to registered reprocessor
9	Spent catalyst + Charcoal	28.2	TPA	0	35	35	CHWTSDF
10	Distillation residue	28.1	TPA	0	98	98	CHWTSDF
11	Off spec products	28.4	TPA	0	3	3	CHWTSDF
12	Date expired discarded and off specification drugs / products/ RMs	28.5	TPA	0	12	12	CHWTSDF
13	Spent Solvent	28.6	TPA	0	15,960	15,960	Distillation and sale to authorized vendors
14	Flue gas cleaning residue	35.1	TPA	0	2	2	Sale to authorized vendors
15	Resin from DM Plants	35.2	TPA	0	1	1	Sale to registered reprocessor
16	Used batteries from UPS etc		Nos/A	0	100	100	Return to supplier / manufacturer
17	Insulation waste		TPA	0	1.5	1.5	CHWTSDF
	•	39.S	tacks em	ission D	etails		
Serial Number	Section & units		Fuel Used with Quantity		Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	1 TPH Boiler (Existing)	Furnace o	oil- 1.5 TPD	1	33	0.3	83
2	2 TPH Boiler (Existing)	Furnace o	oil- 1.5 TPD	2	33	0.3	
3	5 TPH Boiler (Proposed)	Furnace oi	l- 8.568 TPD	3	40	0.5	270
4	5 TPH Boiler (Proposed)	Furnace oi	l- 8.568 TPD	4	40	0.5	270
5	725 KVA DG set (Existing)	150	Lit/Hr	5	6	as per norms	80
6	1000 KVA DG set (Proposed)	200	Lit/Hr	6	7	as per norms	80
_						as per	00
7	1000 KVA DG set (Proposed)	200	Lit/Hr	7	7	norms	80
7			Lit/Hr etails of F			-	80
7 Serial Number						-	Total
Serial	(Proposed)		etails of F		e used	-	
Serial Number	(Proposed) Type of Fuel		e tails of F Existing		e used Proposed	-	Total
Serial Number 1	(Proposed) Type of Fuel Furnace oil HSD	40.De	etails of F Existing 3 TPD	Fuel to b	e used Proposed 17.136 TPD	-	Total 20.136 TPD
Serial Number 1 2 41.Source of	(Proposed) Type of Fuel Furnace oil HSD	40.De	etails of F Existing 3 TPD 150 Lit/Hr n nearby vend	Fuel to b	e used Proposed 17.136 TPD	-	Total 20.136 TPD



	Total RG area :		Green belt	area: 25,615	sq. m.					
		No of trees	s to be	e cut	Not Applica	ıble				
43.Gree		Number of trees to be planted :		Details given in EIA report						
Develop	ment	List of proposed native trees :		Details give	Details given in EIA report					
		Timeline for completion of plantation :		Details give	Details given in EIA report					
	44.Nu	mber and	l list	of t	rees spe	cies to b	e plan	ted in the ground		
Serial Number	Name of	the plant	Co	ommo	n Name	Qua	ntity	Characteristics & ecological importance		
1	-	-		-	-	-	-			
45	.Total qua	ntity of plan	ts on	grou	nd					
46.Num	nber and	list of sl	nrub	s an	d bushes	s species	to be	planted in the podium RG:		
Serial Number		Name			C/C Dista	nce		Area m2		
1										
					47.Eı	nergy				
		Source of supply :	power		MSEDCL					
		During Construction Phase: (Demand Load)		fulfill from	existing facil	lity				
		DG set as back-up du construction	ıring		existing 725 KVA DG set					
5		During Operation phase (Connected load):		2000 KVA						
Pov require	-	During Operation phase (Demand load):		2000 KVA						
		Transform	er:							
		DG set as 1 back-up du operation	ıring		2 Nos. of 1000 KVA DG set each					
	5	Fuel used:			HSD					
		Details of i tension lin through th any:	e pass							
48.Energy saving by non-conventional method:										
49.Detail calculations & % of saving:								ing:		
Serial Number	E	nergy Cons	ervati	on Me						
		,								
1 D	~							A 1 2 10 11		

for			Anand B. Kulkarni
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1													
		ļ	50.	Details o	of po	lluti	on d	control 9	Systen	ns			
Source	E	xisting po	ollut	tion contro	l syste	m			Prop	osed t	to be installe	ed	
Emission From fuel burning source			5	Stack				Stack					
Effluent From utilities, Process	ETP							Up gradation of existing ETP				TP	
Noise from utilities		Acoustic enclose, Silencer.							Acoust	tic enc	elosure, Silenc	cer.	
Solid & Hazardous waste		Waste	mana	agement sys	stem			Waste n	nanagem		stem, Authori cocessor	zed recycler,	
	allocation	Capital	cos	t:	40 La	khs							
	cost and cost):	0 & M	cost	:	10 La	khs per	ann	um					
51	.Envir	onme	nt	al Man	lage	eme	nt	plan B	udge	etar	y Alloca	ation	
		á	a) (Construc	tion	phas	se (with Bro	eak-ur) :	-		
Serial Number	Attributes Parameter					(Total Cost per annum (Rs. In Lacs)						
1					-								
			b)	Operati	ion P	Phase	(w	ith Brea	ak-up)	:			
Serial Number	Com	ponent		Desc	riptior	n	Ca	Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Water Poll	ution Cont	trol	Water Pollu			ol 600			85			
2	Air Pollut	ion Contro	ol	Air Pollut	tion Co	ntrol		25			2		
3	Monitoring	-	-	Monitoring	-	gement		5		5			
4		nfety		Sa	ional Health & Safety			10			5		
5	Green Belt		_		Development		15		8				
6	Solic	us waste & l waste gement	x		us was l waste .gemen	;		15			50		
7	Other Gre	en initiativ	ves	- Rain wate	er harv	esting		15			5		
8	Other Gre	en initiativ	ves	- Solar po	ower/	LED		30			5		
9	Other Gre	en initiativ	ves	- Energy c	conserv	vation		10			5		
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)													
Descri		Status		Location		Stora Capac in M	city	Maximum Quantity of Storage at any point of time in MT	Consum / Mont MT	t ĥ in	Source of Supply	Means of transportation	
Do	2 mg										Angulo	10.11.	

for			Anand B. Kulkarni
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Acetone	Existing- 2 nos.	South east side	of plot	20 KL each	20 KL each	223 TPA	Jpb Chemical Industries Pvt. Ltd.	By tanker/ drum	
n-butanol	Existing- 2 nos.	South east side	of plot	20 KL each	20 KL each	178 TPA	JPB Chemicals	By tanker/ drum	
Furnace oil	Existing	South east side	of plot	20 KL	20 KL	7250 TPA	IOCL/ BPCL	By tanker/ drum	
Diesel	Existing	South east side	of plot	20 KL	20 KL	as per requirement	nearby vendors	drum	
Methanol	Proposed- 2 nos.	South east side	of plot	20 KL each	20 KL each	1550 TPA	Amjey Chem Trade Pvt. Ltd	By tanker/ drum	
Toluene	Proposed- 2 nos.	South east side	of plot	20 KL each	20 KL each	2511 TPA	Amjey Chem Trade Pvt. Ltd	By tanker/ drum	
EDC	Proposed	South east side	of plot	20 KL	20 KL	250 TPA	C.J. Shah & Co	By tanker/ drum	
Ethyl acetate	Proposed	South east side	of plot	20 KL	20 KL	844 TPA	Godavari Biorefineries Ltd	By tanker/ drum	
MDC	Proposed- 2 nos.	South east side	of plot	20 KL each	20 KL each	2554 TPA	BASF Petronas Chemicals Sdn	By tanker/ drum	
IPA	Proposed- 2 nos.	South east side	of plot	20 KL each	20 KL each	3198 TPA	International Solvents And Chemical	By tanker/ drum	
52.Any Other Information									
		52.A	ny O	ther Inf	ormatio	n			
No Information Availa	able	52.A	ny O	ther Inf	ormatio	n			
No Information Availa	able				ormatio				
No Information Availa	Nos. of	53. the junction nain road & of	Traff		•				
No Information Availa	Nos. of to the n design conflue	53. the junction nain road & of nce: r and area of	Traff Not ap	ic Mana	•				
No Information Availa	Nos. of to the n design conflue baseme	53. the junction nain road & of nce: r and area of	Not ap	ic Mana oplicable	•				
No Information Availa	Nos. of to the n design conflue Number baseme Number podia:	53. the junction nain road & of nce: r and area of ont:	Not ap Not ap	ic Mana oplicable oplicable	•				
No Information Availa	Nos. of to the m design conflue Number baseme Number podia: Total Pa Area pe	53. the junction nain road & of nce: r and area of ont: r and area of arking area: er car:	Not ap Not ap Not ap 14,394 Not ap	ic Mana oplicable oplicable a sq. m. oplicable	•				
No Information Availa	Nos. of to the m design conflue Number podia: Total Pa Area pe Area pe	53. the junction nain road & of nce: r and area of ent: r and area of arking area: er car: er car:	Not ap Not ap Not ap 14,394 Not ap	ic Mana oplicable oplicable oplicable 4 sq. m.	•				
No Information Availa	Nos. of to the m design conflue Number baseme Number podia: Total Pa Area pe	53. the junction nain road & of nce: r and area of ont: r and area of arking area: er car: er car: r of 2- rs as ed by ent	Not ap Not ap Not ap 14,394 Not ap	ic Mana oplicable oplicable a sq. m. oplicable	•				
Ś	Nos. of to the m design conflue Number baseme Number podia: Total Pa Area pe Area pe Number Wheele approve compet	53. the junction nain road & of nce: r and area of ent: r and area of arking area: er car: er car: r of 2- rs as ed by ent ty: r of 4- rs as ed by ent	Not ap Not ap Not ap 14,394 Not ap Not ap	ic Mana oplicable oplicable 4 sq. m. oplicable oplicable	•				
Ś	Nos. of to the m design conflue Number baseme Number podia: Total Pa Area pe Area pe Number Wheele approve compet authori	53. the junction nain road & of nce: r and area of ent: r and area of arking area: er car: er car: r of 2- rs as ed by ent ty: r of 4- rs as ed by ent	Not ap Not ap Not ap 14,394 Not ap Not ap Not ap	ic Mana oplicable oplicable 4 sq. m. oplicable oplicable	•				



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	5(f)- B
Court cases pending if any	Not applicable
Other Relevant Informations	Not applicable
Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	27-05-2016
Brief informa	tion of the project by SEAC

The PP gave a detailed presentation of their EIA report to manufacture therapeutic category APIs in their existing plant premises at 5 star MIDC. Shendra, Aurangabad to the extent of 18.4 TPM. The Committee considered the project under

premises at 5 star MIDC, Shendra, Aurangabad to the extent of 18.4 TPM. The Committee considered the project under category 5(f)-B1 of the schedule of the EIA Notification 2006.

The PP claimed that presently they were not manufacturing any synthetic organic chemicals but only converting a biological plant source – latex extracted from the South American plant, "Cotton Lachari" to a therapeutic grade product, "Crofelmar".

DECISION OF SEAC



After detailed discussion the Committee made following observations:

1. The baseline studies indicate that air, water, ground water, noise and soil parameters would remain well within prescribed limits even after commissioning of the project.

2. The effluent management envisages segregation of effluents into high COD/BOD and low COD/BOD streams. Former will be subjected to RO and MEE and latter to a conventional effluent treatment process. The Committee was insistent that the Bromine/ Br products should not be allowed to enter the effluent stream. The effluent management will ensure that Bromine /Bromine compounds are segregated/recovered as NaBr so that they will not enter in effluent stream in any way.

3. The PP promised to submit an action plan to achieve this. The Committee noted that the project would run as a Zero Liquid Discharge Process.

4. The Committee went through the water balance and found that nearly 360 CMD water was additionally to be sourced from MIDC. The Committee was concerned about scarcity of water in the area, and therefore suggested that the entire water which could be recycled, amounting to 283 CMD should be used for gardening (50CMD) and cooling (233 CMD), thereby saving 90 CMD of MIDC water. The PP should restrict consumption of water to 340 CMD during dry and 285 CMD in wet season thereby effecting substantial saving of water drawn by MIDC.

5. The PP intends to use FO as fuel in the boilers. The PP should achieve a TPM of less than 100 mg/Nm3 at the stack end.

6. The Risk Assessment and Risk Management studies show that there is a possibility of off-site emergency. Possibility of EDC/MDC leakages shall be considered and adequate detectors may be installed.

7. The Committee is concerned about the solvent recovery. A table showing aspects of solvent recovery with details of vendors who will be procuring spent solvents from PP.

8. The PP shall ensure that THF will not be used in the process but shall be replaced by alternate solvent (DMF/Toluene) for manufacturing of Etoricoxib. However the Committee desired that notwithstanding this the PP shall undertake R&D to replace THF with Methylated THF and seek necessary clearances.

After considering all aspects of Environmental Impact the Committee decided to recommend the project for EC subject to the above (2-8) conditions.

Specific Conditions by SEAC:

SEIAA DECISION

Approved

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Construction of Phase V (New building consisting Blocks B9, B10 and B11 (MLCP) of Existing "Nirlon Knowledge Park

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

23.Number of tenants and shops Not Applicable								
3		B11		2B+LG+UG+Mezzenine+8F 34.60 m above FGL				
2		B10		2B+LG+UG+9 UF	45.30 m above FGL			
1		B9		2B+LG+UG+24UF+Fire check Floor	110.20 m above FGL			
Serial number	Buildin	ig Name & i	number	Number of floors	Height of the building (Mtrs)			
	2	2.Num	ber of l	ouildings & its confi	guration			
21.Estimated			1225000000					
(Note: Perce to sky)	entage of plo	t not open	39.19 % - (entire campus)					
20.Ground-c			50015.54 SqL	u (onuro campus)				
19.Total gro	und coverage	e (m2)	c) Total BUA area (sq. m.): 1,65,200.00 sqm 38013.54 sqm (entire campus)					
Non-FSI)				area (sq. m.): 71,100.0 sqm				
18.Proposed	Built-up Are	ea (FSI &	-	(sq. m.): 94,100.00 sqm				
17.Net Plot a	area		96999.60 sqm (no increase in plot area)					
16.Deduction	-		9608.50 sqm (Road set back)					
15.Total Plot	t Area (sq. m	ı.)	1,06,608.10 sqm (no increase in Plot area).As per new IT policy 2015, an additional FSI available on payment of premium, hence total potential FSI on plot would be 1:3.					
14.LOI / NOO Other approv			Not applicable					
13.Note on t applicable)		-	The project proposal is for an expansion of existing IT Park of 2,87,054.00 sqm (refer Annex I – EC clearance of existing development) where the construction is complete. Building in Phase I , II, III & IV are completed ,OC received and buildings occupied.					
			Approved Built-up Area: 165200.00					
12.IOD/IOA/ Approval Nu		lan	IOD/IOA/Concession/Plan Approval Number: CHE/WSII/0976/P/337(NEW)					
10 100 //0 //	0		CHE/WSII/09	76/P/337(NEW)				
11.Area of th	ne project		-	Corporation of Greater Mumbai (MCGM),	Goregaon, Ward P(South)			
10.Village			Pahadi Goreg	Jaon				
9.Taluka	-		Borivalli	561of Pahadi Goregaon at Goregaon East				
8.Location o	f the project			7/1, 257/B, 257/C, 257/D, 257/E/2/A/2, 257				
7.If expansion whether envelopment has been obto project	ironmental c	learance	Yes					
6.New project/mode in existing p	ct/expansion ernization/di			existing IT Park (Construction of a new bu				
5.Type of pro			Others - (Construction of a new building in Existing IT Park without increase in Plot area)					
3.Name of Pa 4.Name of C		пеш	Aditya Environmental Services Pvt. Ltd.					
2.Type of ins		nont	Green Buildin M/s Nirlon Lt	5				
1.Name of P	-		consisting Bl	ocks B9, B10 and B11 (MLCP) of Existing				
4.37 6.75		ruction of Phase V (New building						



24.Number expected re users		Approx.119	35 in propos	ed building						
25.Tenant of per hectare		3229 per he	ctor (entire	campus)						
26.Height of building(s)										
27.Right of (Width of the from the new station to the proposed by	the road Site abutting Western Express Highway on the east (80m including service roads) connected by an access road of 18 m wide. The southern side of the site, there is a 21.35 m DP Road (35m ROB).									
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation						adis				
29.Existing structure (s		B1, B2, B3, B4, B5, B6-A, B6-B, B7, B8, MLCP 1 (EC Obtained)								
30.Details of the				rox. 15500 cum of concrete debris and 1700 MT of steel. Waste shall be norms.						
			31.P	roduct	ion Details					
Serial Number	Pro	luct	Existing	(MT/M) Proposed (MT/M) Total (MT/M)						
1	Not app		Not app							
					r Requirement					
		Source of v Fresh wate		MCGM Sup 299	ply, existing bore wells a	nd treated waste water				
		Recycled w Flushing (ater -	551						
		Recycled w Gardening	ater -	0						
		Swimming make up (C		Not Applicable						
Dry season:		Total Wate Requireme :		850						
	9	Fire fightin Undergrou tank(CMD)	nd water	350000 litre						
		Fire fightin Overhead v tank(CMD)	vater	50000 + 30000 litre						
		Excess trea	nted water	0						



		0		1000100	1		1		
Wet season:		Source of wa		MCGM Supply, existing bore wells and treated waste water					
		Fresh water (CMD):		293					
		Recycled water - Flushing (CMD):		551					
		Recycled water - Gardening (CMD):		0					
		Swimming pool make up (Cum):		Not Applicable					
		Total Water Requirement (CMD) :		844					
		Fire fighting - Underground water tank(CMD):		350000 litre					
		Fire fighting - Overhead water tank(CMD):		50000 + 30000 litre					
		Excess treated water		0					
Details of pool (If an		Not Applicabl	e						
<u> </u>		33	.Detail	s of Total	l water co	nsume	d		
Particula rs	Cons	sumption (CM	D)	Loss (CMD)		Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Industrial Process	NA	NA	NA	NA	NA	NA	NA	NA	NA
					*				
34.Rain Water Harvesting (RWH)		Level of the Ground water table:		Pre monsoon Approx. 2.7 to 6.4 m BGL, Post monsoon – 1.82 to 5.5 m BGL					
		Size and no of RWH tank(s) and Quantity:		3 m x 3 m x 2.2 m Deep- 9 Nos					
		Location of the RWH tank(s):		Not applicable					
		Quantity of recharge pits:		17					
		Size of recharge pits		1 m diameter x 3 m deep					
		Budgetary allocation (Capital cost) :		80 lacs					
		Budgetary allocation (0 & M cost) :		Approx 3 lacs					
		Details of UGT tanks if any :		Basement 2					
35.Storm water drainage		Natural water drainage pattern:		Open / Closed drain sloping from south east to North West which is in line with natural gradient.					
		Quantity of storm water:		Approx. 6012.63 cum per season					
		Size of SWD:		0.6m x 0.6 m to 1m x 1.2 m					
Re	6 m			-			Ang	nd B. Kulk	arni

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(Chairman SEIAA)

Shri Satish.M.Gavai (Member Secretary SEIAA)
		Sewage ge in KLD:	neration	568					
		STP techn	ology:	MBBR					
Seware a	Sewage and		f STP	One, 570 kld					
Waste wa		Location & the STP:	area of	On the north west of pro	posed B11 Building				
		Budgetary (Capital co	allocation ost):	Rs. 2.53 crores (propose	ed)				
		Budgetary (O & M cos	allocation st):	Rs 0.375 crores per year	r				
			86.Soli	d waste Manag	gement	5			
Waste gene		Waste gen	eration:	Approx. 15500 cum of co	oncrete debris and 1700	MT of steel			
the Pre Con and Constru phase:		Disposal o constructi debris:		As per MCGM norms					
		Dry waste:		Approx. 480 kg/day					
		Wet waste	•	Approx. 750 kg/day					
Waste gen	neration	Hazardous	waste:	Negligible					
in the ope Phase:		Biomedical waste (If applicable):		Not Applicable					
		STP Sludge (Dry sludge):		approx. 17kg/day					
		Others if any:		E-waste (Kg/year) : approx. 1000					
		Dry waste:		Sold to recyclers					
		Wet waste:		Composted in OWC and used as manure					
		Hazardous waste:		Registered recyclers					
Mode of D	isposal	Biomedical waste (If applicable):		Not Applicable					
of waste:		STP Sludge (Dry sludge):		Used as manure					
		Others if any:		E-waste: Registered vendors* (* as per the contract, the licenses of the IT park will have to ake individual membership of MPCB recognized E – waste recycler)					
		Location(s):	Organic Waste Converter (OWC) - west direction of B 4 & B 5					
Area requireme	ent:	Area for the storage of waste & other material:		50 sqm					
	2	Area for m	achinery:	20 sqm					
Budgetary a		Capital cos	st:	10 lacs					
(Capital cos O&M cost):	and	O & M cos	t:	8 lacs					
			37.Ef	ffluent Charecterestics					
Serial Number	Parameters			Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1 Not applicable Not applicable		Not applicable Not applicable Not applicable							
Amount of ef (CMD):	fluent gene	eration	Not applica	ble		·			
	Shri Satish.M.Gavai (Member Secretary SEIAA)SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017Page 37 of 262An and B. Kulkarni (Chairman SEIAA)					Anand Kulkarni			

Capacity of	the ETP:		Not appli	cable					
Amount of treated effluent recycled :			Not applicable						
Amount of water send to the CETP: Not ap				cable					
Membership	p of CETP (if	f require):	Not appli	cable					
Note on ETI	P technology	y to be used	Not appli	cable					
Disposal of	the ETP sluc	lge	Not appli	cable					
			38. H	azardous	Waste D	etails			
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	Not apj	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
			39.9	Stacks em	ission D	etails		2	
Serial Number	Section	& units		J sed with antity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	DG Stacks	s (Standby)	only) pov	sed for trial ver failure is ry rare	10	45 m	300mm	Not applicable	
			40.D	etails of H	Fuel to b	e used		-	
Serial Number	Тур	oe of Fuel		Existing	Existing Proposed Total				
1		HSD		Not applicable Not applicable Not applicable					
41.Source o	of Fuel		HS) Storage tanl	ks within the	campus, fill	ed only if tria	als are run	
42.Mode of	Transportat	ion of fuel to	site Thr	ough Petrol P	ump tankers				
			-						
		Total RG a	rea : RG on the Ground: 17800 sqm, RG on the podium: 6056.43 sqm for entire plot.						
		No of trees	s to be cut About 90 trees (mainly Polyalthia longifolia (lesser Ashoka tree)) are the old building will be cut .						
1 2 Care e		Number of be planted							
43.Green Belt Development List of propative tree		es: dichotoma, elengi, Syz limon, Emb		egle marmelos, Anona squamosa, Azadirachta indica, Cordia ichotoma, Lagerstroemia speciosa, Millingtonia hortensis ,Mimusoj lengi, Syzygium cumini, Bauhinia purpurea, Bauhinia racemosa, Cir mon, Emblica officinalis, Gardenia jasminoides, Murraya paniculata araca asoka			a hortensis ,Mimusops uhinia racemosa, Citrus		
	5	Timeline f completion plantation	n of	of 3 years					
	44.Nu	mber and	l list of	trees spe	cies to b	e plante	d in the g	ground	
Serial Number	Name of	f the plant	Com	mon Name	Qu	antity	Charact	eristics & ecological importance	



1	Peltophorum pterocarpum	Peela Gulmohar	7	Native to tropical southeastern Asia and a popularly ornamental tree grown around the world. It is a flowering, deciduous tree growing to 15–25 m tall. The wood has a wide variety of uses, including furniture making and the foliage is used as a fodder crop.
2	Phoenix dactylifera	Khajur (Date)	10	Commonly known as Date Palm, and imposing palm with a very slender trunk, up to 30 m tall plant native to North Africa and has been extensively cultivated here as well. Cultivated for its edible sweet fruit.
3	Plumeria alba	Champa	3	2-8 m evergreen shrub has narrow elongated leaves, large and strongly perfumed white flowers with a yellow center. They are common ornamental plants that bear beautiful and fragrant flowers.
4	Polyialthia longifolia	Ashoka	70	A lofty evergreen tree, native to India, commonly planted due to its effectiveness in alleviating noise pollution. Grows over 10 meter in height. Leaves are used for ornamental decoration. Used for manufacturing small articles such as pencils, boxes, matchsticks, etc.
5	Alstonia scholaris	Satwin	4	" An elegant tall evergreen tree with greyish rough bark. Medicinal plant, bark is used in traditional medicine to treat dysentery and fever"
6	Anthocephallus cadamba	Kadamb	3	"Perrennial Tree up to 45 m tall, without branches for more than 25 m. Native, Medicinal plant,Stembark—febrifugal, antidiuretic, anthelmintic, hypoglycaemic. "
7	Areca catechu	Supari	2	"A medium-sized evergreen tree growing to 20 m tall, with a trunk 20-30 cm in diameter. Produces Betel nut used for paan"
8	Barringtonia acutangula	Samudra phool	8	"An evergreen tree 5-8 m tall with rough fissured dark grey bark. Medicinal pant has long been used for medicine, timber and as a fish poison."
9	Barringtonia acutangula	Samudra phool	8	"An evergreen tree 5-8 m tall with rough fissured dark grey bark. Medicinal pant has long been used for medicine, timber and as a fish poison."
10	Barringtonia acutangula	Samudra phool	8	"An evergreen tree 5-8 m tall with rough fissured dark grey bark. Medicinal pant has long been used for medicine, timber and as a fish poison."



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11	Borassus flabellifer	Tad (Palm)	1	"A large tree up to 30m high and the trunk may have a circumference of 1.7m at the base. Edible fleshy seeds, leaves are used for thatching, mats, baskets, fans, hats, umbrellas, and as writing material."
12	Borassus flabellifer	Tad (Palm)	1	"A large tree up to 30m high and the trunk may have a circumference of 1.7m at the base. Edible fleshy seeds, leaves are used for thatching, mats, baskets, fans, hats, umbrellas, and as writing material."
13	Cassia siamea	Kassod plant	16	It is a medium-size, evergreen tree growing up to 18 m with beautiful yellow flowers. It is often used as shade tree in cocoa, coffee and tea plantations.
14	Dalbergia sissoo	Sheesham	7	"A medium to large deciduous tree, native to India, with a light crown. It can grow up to a maximum of 25 m in height and 2 to 3 m in diameter. One of the most important cultivated timber tree. "
15	Ficus racemosa	Umber	3	It can grow 20 - 30 metres tall and is 36 - 90cm in diameter. It is used for slope, gully and river bank stabilization
16	Ficus religiosa	Pimpal	1	"A large deciduous tree with a pale stem often appearing fluted on account of the numerous roots which have fused with the stem. It is used to cure disorders including asthma, diabetes, diarrhea, epilepsy, gastric problems, inflammatory disorders, infectious and sexual disorders"
17	Michelia champaca	Son chafa	7	An evergreen tree with fragrant flowers . It grows up to 50 m or taller, up to 1.9 m d.b.h. Flowers are used for worshipping. Ornamental plant
18	Millingtonia hortensis	Buch	28	A tree native to South Asia & South East Asia grows to height of between 18 and 25 metres. The tree is evergreen, versatile tree which can grow in various soil types and climates with a preference for moist climates.It bears fragrant flowers and is an ornamental plant species. Flowers and bark has medicinal qualities.
19	Streblus asper	sandpaper	1	A rigid and densely branched tree growing from 4-10 m in height. The leaves of Sand Paper Tree are rough and are utilized for cleaning cooking utensils and as a substitute for sandpaper.



20	Tamarindus indica	Chinch		8	It is an evergreen tree with rough dark grey bark, grows up to 15 to 25 m tall. Produces Tamarind fruit that is widely used for its flavour. Has medicinal purpose also.				
21	Terminalia arjuna	arjuna		1	The arjuna is about 20–25 metres tall; usually has a buttressed trunk, and forms a wide canopy at the crown. Medicinal Plant				
2	45.Total quantity of plants	on ground							
46.Number and list of shrubs and bushes species to be planted in the podium RG:									
Serial Number	Name	C/C Distan	се		Area m2				
1	Gardenia jasminoides	0.3 m			1 to 2 m2				
2	Nyctanthes arbor-tristis	0.3 m			0.6 m2				
3	Psidium guajava	0.3 m			0.8 m2				
4	Nerium indicum	0.4 m			1 m2				
5	Hibiscus rosa-sinensis	0.3 m	0.3 m		0.5- 0.7 m2				
6	Tecoma stans	0.3 m	0.3 m		1 m2				
7	Tecoma stans	0.3 m	0.3 m		1 m2				
8	Tecoma capensis	0.3 m	0.3 m		1 m2				
9	Hamelia patens	0.2 m	0.2 m		1 to 2 m2				
10	Crinum Asiaticum	0.4 m	0.4 m		0.6 m2				
11	Ixora coccinea	0.6 m	0.6 m		1 m2				
12	Thevetia peruviana	0.3 m		0.8 m2					
13	Tabernamontana coronari	a 0.2 m	0.2 m		1 m2				
14	Codiaeum Variegatum	0.2 m	0.2 m		0.2 m2				
		47.En	ergy						
47.Energy									



		Source of power supply :	Reliance Energy I	Ltd		
		During Construction Phase: (Demand Load)	3x149 KW			
		DG set as Powerback-up duringNot applicableconstruction phase				
		During Operation phase (Connected load):	12.64 MW			
Pov require	wer ement:	During Operation phase (Demand load):	10.52 MW			
		Transformer:	4Nos x 1600 kVA licensee fro Phase	each for Nirlon common area + $7x1500$ kVA (each) for eV)		
		DG set as Power back-up during operation phase:		city of the DG sets to be used - 7W +1SB additional 0 kvA will be provided. Additional dedicated 2 DG for eing provided		
		Fuel used:	High Speed Diese	1		
		Details of high tension line passing through the plot if any:	Not applicable			
		48.Energy savi	ng by non-co	nventional method:		
 2. External U value= U 3. Fenestra 4. Lighting 5. High efficiency 	Walls= AAC factor: 0.32 tion= Double Power Densi cient air coo	2 °C (0.062 Btu/hr.ft2.°F block walls. 9 W/m2 °C (0.058 Btu/hr e glazed window, Glass U ity : Less than 1 w/ sft, led and Water cooled chi s with more than 75% eff	.ft2.ºF) J value= 2.8 W/m2 llers.	K, SHGC =Less than 0.28, VLT = 40-50%		
		49.Detail	calculations	& % of saving:		
Serial Number	E	nergy Conservation M	easures	Saving %		
1	work on hig specified	ne common area lighting gh energy efficient lamps l in bureau of energy effic power density will be re watts/sqft.	ciency, also the	15.32%		
2	uses Wa	Plant proposed is highly ater based chillers with C poling Tower with Variab	COP of 6.1 and	12%		
3	The project uses highly efficient double glaze (DGU),			5%		
4		al wall is made up of AA r and roof with insulation paint		5%		
5	Highly ef	ficient AHU's with heat r	recovery wheels	9.83%		
		50.Details	of pollution o	control Systems		
Source	Ex	isting pollution contro	l system	Proposed to be installed		
Not applicable		Not applicable		Not applicable		

F	Paris
	tish.M.Gavai er Secretary SEIAA)

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Budgetary allocation (Capital cost and 0&M cost): Capital cost 0 & M cost		ost:	t: 2241.0 lacs							
		st:	9.0 lacs							
51	.Enviro		tal Mar Construe	0			0	0	Alloca	ation
Serial Number	Attri	butes		meter				-	m (Rs. In I	.acs)
1		1	Barrio	cading				150.0		
2	2	2	Water S	prinking	ſ			50.0		
3	Ś	3	Labour a	amenitie	S			150.0		
4	2	1		nmental toring				10.0		
]	b) Operat	ion Pl	hase (wi	th Brea	k-up)	:		
Serial Number	Comp	onent	Descr	ription	Capi	ital cost Rs Lacs	s. In		tional and ost (Rs. in	Maintenance Lacs/yr)
1		1	STP and C recy	Grey wat cling	er	250.0			37.5	
2	:	2		t and oth scape opment	ier	150.0		25.0		
3	:	3	Storm wat Rain water Syst		-	80.0		2.5		
4	2	4		nmental toring		4.00			1.0	
5	Į	ō	EHS Mana	gement	cell	833.43			18	
6	(6		Waste gement		0		10.8		
7		7	Energy Co	onservati	on	2241.0			9.0	
8	8	8	LEED Ce	rtificatio	n	33.0			0.0	
51.S	torage	of che	emicals	-	amabl stance	-	osiv	e/haz	zardou	s/toxic
Description Status		Locatio	Location		Maximum Quantity of Storage at any point of time in MT	/ Mo	imption nth in AT	Source of Supply	Means of transportatio	
Not applicable Not applicable		Not applica	Not applicable		Not Not applicable Not a		plicable	Not applicable	Not applicable	
			52.A	ny Ot	her Info	rmation	1			
No Informat	tion Availab	le								
			53.	Traffi	c Manag	gement				
Nos. of the junction to the main road & design of confluence:4 entry exits to the project site on 3 different roads. The exit opens to a service road on the east and to 21.35 m DP Road (35 m ROB) on the south. The exit on the west through an access road leads to Walbhat road.										



	Number and area of basement:	2 Basements + LG + MLCP - B 11 (42496.56 sqm)
	Number and area of podia:	No parking on podium
	Total Parking area:	27376.58 + 15120.00 = 42496.58 sqm
	Area per car:	39.0 sqm/car
	Area per car:	39.0 sqm/car
Parking details:	Number of 2- Wheelers as approved by competent authority:	Not applicable
	Number of 4- Wheelers as approved by competent authority:	1090 cars
	Public Transport:	24 no. of 17 seater buses
	Width of all Internal roads (m):	12 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park approx. 7.5 Km towards North East
	Category as per schedule of EIA Notification sheet	Category 8(b) Township and Area Development
	Court cases pending if any	No
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	09-02-2016
	Brief informa	tion of the project by SEAC



Representative of PP, Rahul Sagar was present during the meeting along with environmental consultant M/s Aditya. PP informed that they have received earlier EC vide letter dated 28/09/2007 which is amended on 17/05/2016 for total construction area of 2,87,054 m2. PP submitted following details for the proposed project.

Committee noted the comparative changes due to proposed expansion/amendment.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that the project is earlier considered in 46th & 50th meeting of SEAC II. PP submitted EIA report. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 1,06,608.10 m2 & total construction area proposed in this meeting of the project is 4,59,554 m2. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC

During discussion following points emerged:

1. PP to submit revised compliance report with comparative statements of conditions stipulated in earlier EC.

2. PP to provide air cleaning system in basements.

3. PP to achieve 15% energy savings through renewable component & submit revised energy calculations indicating the same.

4. PP to submit e-waste management plan as per standard guidelines.

5. PP to ensure that width of internal roads in the project should be minimum 12 m. As mentioned, ground coverage should be 39.19%.

6. PP to ensure that mandatory RG provided should be on ground.

7. PP to submit details on the transportation services provided for the employees along with quantification.

8. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION

Approved

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions





SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Building & Construction Project

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building,
1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

1.Name of ProjectDatani Village2.Type of institutionPivate3.Name of Project ProponentShi Birjiesh Dattani4.Name of ConsultantWis S G M Corporate Consultant PV L1d5.Type of pojectResidential cum commercial Project6.New project/vexpansion in existing project/momental clearener has been obtained for existing projectResidential cum commercial Project7.If expansion/diversification, whether environmental clearener has been obtained for existing projectNot applicable8.Location of the projectS.No.252A, 255A, S.No.256, H.No.24, S.No.277, H.No.2/I, 3, 4, S. 10/1,11,9.TalukaSandor10.VillageSandor11.Area of the projectNot Corporate Consultant PV Lude dated 000/1/2014Approved NumberPoproved Number CIDCO/LVSR/CC/BP-736/W/422 / 21/02/2003 & VCMC/CIP/RDP/VP-0762/033/2013-14 dated 000/1/201413.Note on the initiated work (ff) epiroval NumberThis is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14.00/2006 is 15818.55 sq. m14.LOJ, NOC / IOD from MHADA; bornerSitterAccoleration 14.00/2006 is 15818.55 sq. m15.Total PIoL Area (sq. m.)6490.015.Total PIoL Area (sq. m.)Accoleration 14.00/2006 is 15818.55 sq. m16.Total FIOL Area (sq. m.)6151 area (sq. m.): 27,957.76 > Total BIOL Area (sq. m.): 27,968.6317.Total ground coverage forcut also bay.3/200020.Ground-coverage optication of project bay.3/2000<	, , ,					
3.Name of Project Proponent Shri Brijesh Dattani 4.Name of Consultant M/s S G M Corporate Consultant Pvt Ltd 5.Type of project Residential cum commercial Project 6.New project//expansion in existing project/moderization/diversification, whether environmental clearance has been obtained for existing project Expansion 8.Location of the project S.No.252A, 255A, S.No.256, H.No.2,4 S.No.257, H.No.2/1, 3, 4, 5, 10/1,11, 9.Taluka Vasai 10.Village Sandor 11.Area of the project VVCMC Approval Number This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m 13.Note on the initiated work (If applicable) NA 15.Total Plot Area (sq. m.) 66490.00 16.Deductions 8442.96 17.Net Plot area 5047.04 18.Proposed Built-up Area (FSI & Non-FSI) NA 19.Total ground coverage (m2) 21,250.00 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 34	1.Name of Project	Dattani Village				
4.Name of Consultant M/s S G M Corporate Consultant Pvt Ltd 5.Type of project Residentiul cum commercial Project 6.New project/moderization/filversification in existing project Expansion 7.If expansion/diversification, whether environmental clearance has been obtained for existing project Not applicable 8.Location of the project S.No.252A, 255A, S.No.256, H.No.2/4, S.No.257, H.No.2/1, 3, 4, 5, 10/1,11, 9.Taluka Vasai 10.Village Sandor 11.Area of the project VVCMC NA IOD/IOA/Concession/Plan Approval Number Approval Number NA 13.Note on the initiated work (If applicable) This is an oil ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m 14.LO1 / NOC / IOD from MHADA/ Other approvals (If applicable) NA 15.Total Plot area 58047,04 18.Proposed Built-up Area (FSI & Non-FSI) 6442.96 19. Non FSI area (sq. m.): 24,957.76 1) Non FSI area (sq. m.): 24,957.76 10. Staroi 19. UN FSI area (sq. m.): 87968.63 21,250.00 20.Ground-coverage Percentage (%) Note: Percentage of plot not open to sky) 24,200.00	2.Type of institution	Private				
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whether environmental clearance has been obtained for existing projectNot applicable8.Location of the projectS.No.252A, 255A, S.No.256, H.No.2,4 S.No.257, H.No.2/1, 3, 4, 5, 10/1,11,9.TalukaVasai10.VillageSandor11.Area of the projectVVCMC11.Area of the projectVVCMC12.10D/IOA/Concession/Plan Approval NumberNA10.VIII.area of the initiated work (If applicable)This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m13.Note on the initiated work (If applicable)This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)6490.0015.Total Plot Area (sq. m.)6490.0016.Deductions8442.9617.Net Plot area58047.0418.Proposed Built-up Area (FST b) D Non FSI area (sq. m.): 55.701.51 D Non FSI area (sq. m.): 24.957.76 O Total BUA area (sq. m.): 87968.6319.Total ground coverage Precentage (%) Note: Percentage of plot not open to sky)34	project/modernization/diversification	Expansion				
9.TalukaVasai10.VillageSandor11.Area of the projectVVCMCNAIOD/IOA/Concession/Plan Approval Number: CIDCO/VVSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP- 0762/0334/ 2013-14 dated 09/01/2014Approval NumberIOD/IOA/Concession/Plan Approval Number: CIDCO/VVSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP- 0762/0334/ 2013-14 dated 09/01/2014Approved Built-up Area: 55701.51This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)NA15.Total Plot Area (sq. m.)66490.0016.Deductions8442.9617.Net Plot area58047.04a) FSI area (sq. m.): 55,701.51b) Non FSI area (sq. m.): 24,957.76 c) Total BUA area (sq. m.): 87968.6319.Total ground coverage (m2)21,250.0020.Ground-coverage Percentage of plot not open to sky)34	whether environmental clearance has been obtained for existing	Not applicable				
10.Village Sandor 11.Area of the project VVCMC NA IOD/IOA/Concession/Plan Approval Number: CIDCO//VSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP- 0762/0334/ 2013-14 dated 09/01/2014 Approval Number IOD/IOA/Concession/Plan Approval Number: CIDCO//VSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP- 0762/0334/ 2013-14 dated 09/01/2014 Approval Number IOD/IOA/Concession/Plan Approval Number: CIDCO//VSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP- 0762/0334/ 2013-14 dated 09/01/2014 Approval Number IOD/IOA/Concession/Plan Approval Number: CIDCO//VSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP- 0762/0334/ 2013-14 dated 09/01/2014 Approval Number IOD/IOA/Concession/Plan Approval Number: CIDCO//VSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP- 0762/0334/ 2013-14 dated 09/01/2014 Approval Summer Approved Built-up Area: 55701.51 13.Note on the initiated work (If applicable) This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m 14.LOT / NOC / IOD from MHADA/ Other approvals (If applicable) NA 15.Total Plot Area (sq. m.) 66490.00 16.Deductions 8442.96 17.Net Plot area 38047.04 a) FSI area (sq. m.): 55,701.51 b) Non FSI area (sq. m.): 87968.63 19.Total ground coverage Percentage of plot not open	8.Location of the project	S.No.252A, 255A, S.No.256, H.No.2,4 S.No.257, H.No.2/1, 3, 4, 5, 10/1,11,				
11.Area of the projectVVCMC12.IOD/IOA/Concession/PlanNAApproval NumberIOD/IOA/Concession/Plan Approval Number: CIDCO/VVSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP- 0762/0334/ 2013-14 dated 09/01/2014Approved Built-up Area: 55701.51This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)NA15.Total Plot Area (sq. m.)66490.0016.Deductions8442.9617.Net Plot area58047.04a) FSI area (sq. m.): 55,701.51b) Non FSI area (sq. m.): 55,701.51b) Non FSI area (sq. m.): 24,957.76c) Total BUA area (sq. m.): 87968.6319.Total ground coverage (m2)21,250.0020.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)34	9.Taluka	Vasai				
NA12.IOD/IOA/Concession/Plan Approval NumberNAIOD/IOA/Concession/Plan Approval Number: CIDCO/VVSR/CC/BP-736/W/4429 / 21/02/2003 & VVCMC/TP/RDP/VP-0762/0334/ 2013-14 dated 09/01/2014 Approved Built-up Area: 55701.5113.Note on the initiated work (If applicable)This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)NA15.Total Plot Area (sq. m.)66490.0016.Deductions8442.9617.Net Plot area58047.0418.Proposed Built-up Area (FSI & Non-FSI)a) FSI area (sq. m.): 55,701.51 b) Non FSI area (sq. m.): 24,957.76 c) Total BUA area (sq. m.): 87968.6319.Total ground coverage (m2)21,250.0020.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)34	10.Village	Sandor				
12.IOD/IOA/Concession/Plan Approval NumberIOD/IOA/Concession/Plan Approval Number: CIDCO/WSR/CC/BP-736/W/4429 / 21/02/2003 & WCMC/TP/RDP/VP- 0762/0334/ 2013 14 dated 09/01/2014Approval NumberIOD/IOA/Concession/Plan Approval Stated 09/01/2014Approval NumberIon (Approved Built-up Area: 55701.51Approved Built-up Area: 55701.51Ins is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)NA15.Total Plot Area (sq. m.)66490.0016.Deductions8442.9617.Net Plot area8047.04a) FSI area (sq. m.): 55,701.51b) Non FSI area (sq. m.): 24,957.76c) Total BUA area (sq. m.): 24,957.76c) Total BUA area (sq. m.): 87968.6319.Total ground coverage (m2)21/250.0020.Ground-coverage Percentage (%) Nonesti area (sq. m.): 87968.6334.	11.Area of the project	VVCMC				
Approval Number& VVCMC/TP/RDP/VP-0762/0334/2013-14 dated 09/01/2014Approved Built-up Area: 55701.5113.Note on the initiated work (If applicable)This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after 14/09/2006 is 15818.55 sq. m14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)NA15.Total Plot Area (sq. m.)66490.0016.Deductions8442.9617.Net Plot area58047.0418.Proposed Built-up Area (Sq. m.): 55,701.5119.Non FSI area (sq. m.): 24,957.7619.Total ground coverage (m2)21,250.0020.Ground-coverage Percentage (%) to sky)34		NA				
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Other approvals (If applicable)INA15.Total Plot Area (sq. m.)66490.0016.Deductions8442.9617.Net Plot area58047.04 a) FSI area (sq. m.): 55,701.51 b) Non FSI area (sq. m.): 24,957.76c) Total BUA area (sq. m.): 87968.6319.Total ground coverage (m2)21,250.0020.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)34		This is an old ongoing project which is started prior to July 2004. The constructed area of proposed buildings after $14/09/2006$ is 15818.55 sq. m				
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17.Net Plot area58047.0418.Proposed Built-up Area (FSI & Non-FSI)a) FSI area (sq. m.): 55,701.51b) Non FSI area (sq. m.): 24,957.76c) Total BUA area (sq. m.): 87968.6319.Total ground coverage (m2)21,250.0020.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)34	15.Total Plot Area (sq. m.)	66490.00				
18.Proposed Built-up Area (FSI & Non-FSI)a) FSI area (sq. m.): 55,701.51b) Non FSI area (sq. m.): 24,957.76c) Total BUA area (sq. m.): 87968.6319.Total ground coverage (m2)24,250.0020.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)34	16.Deductions	8442.96				
18.Proposed Built-up Area (FSI & Non-FSI) b) Non FSI area (sq. m.): 24,957.76 b) Non FSI area (sq. m.): 24,957.76 c) Total BUA area (sq. m.): 87968.63 19.Total ground coverage (m2) 21,250.00 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 34	17.Net Plot area	58047.04				
Non-FSI) D) Non-FSI area (sq. m.): 24,957.76 c) Total BUA area (sq. m.): 87968.63 19.Total ground coverage (m2) 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)		a) FSI area (sq. m.): 55,701.51				
c) Total BUA area (sq. m.): 87968.63 19.Total ground coverage (m2) 21,250.00 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 34		b) Non FSI area (sq. m.): 24,957.76				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 34		c) Total BUA area (sq. m.): 87968.63				
(Note: Percentage of plot not open 34 to sky)	19.Total ground coverage (m2)	21,250.00				
21.Estimated cost of the project 98500000	(Note: Percentage of plot not open	34				
	21.Estimated cost of the project	98500000				

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Residential	G + 7	25.10
2	Residential	ST +7	25.10
3	Residential	ST +3	15.10
4	Shopping Center	B+ G +2	14.50
5	Office building	G + 7	21.10
6	School Building	G + 2	10.50
7	Club House	B + G + 3	15.25



23.Number of tenants and shops	Tenements	: 306; Shops	s : 38					
24.Number of expected residents / users	1530	530						
25.Tenant density per hectare	300							
26.Height of the building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	30							
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5	7.5						
29.Existing structure (s) if any	02 Resi Bui	lding No. &	2 Commercia	al Bldgs (existing having	(26970.67 Sq.m BUA)			
30.Details of the demolition with disposal (If applicable)	NA			and and a second				
	5	31. F	Product	ion Details				
Serial Number Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1 Not ap	plicable	Not ap	plicable	Not applicable	Not applicable			
	3	82.Tota	l Wate	r Requiremer	nt			
	Source of	water	VVCMC					
	Fresh wate	er (CMD):	176					
	Recycled v Flushing (126					
	Recycled v Gardening		30					
	Swimming pool make up (Cum):			05				
Dry season: Total Wate Requireme :			332					
Fire fighting - Underground water tank(CMD):			50,100,75,	50,100,75, 50 & 50				
	tank(CMD): Fire fighting - Overhead water 25, 50, 35, 25, 25							
	tank(CMD):						

		Source of	water	VVCMZ						
		Fresh wate	er (CMD):	176						
		Recycled v Flushing (126						
		Recycled v Gardening		00						
Swimming pool make up (Cum):		05								
Wet seaso	Wet season: Total Water Requirement (CMD) :			302						
		Fire fighti Undergrou tank(CMD	ind water	50,100,75,	50 & 50			5		
		Fire fighti Overhead tank(CMD	water	25, 50, 35,	25, 25			S		
		Excess tre	ated water	109						
Details of spool (If an		i swimming	pool is prop	osed , havin	g dimension	of 18 x 12.5	m			
			33.Detail	s of Tota	l water o	consume	d			
Particula rs	Cons	sumption (O	CMD)		Loss (CMD)		E	ffluent (CM	D)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
		water tabl		5-6 m						
		Size and n tank(s) an Quantity:		10 nos. X (1.0 mtr. Ø x 5.0 mtr. Deep) ring well						
		Location o tank(s):	of the RWH	Ground						
34.Rain V Harvestii		Quantity of pits:	of recharge	10						
(RWH)		Size of rec	charge pits	Size (1.0 x 0.5 x 1.0) m						
	SY	Budgetary (Capital co	allocation ost) :	25.0						
		Budgetary (O & M co	allocation st) :	1.0						
		Details of if any :	UGT tanks	Domestic, Flushing & firefighting as per nomrs						
35.Storm	water	Natural wa drainage p	oattern:	Yes						
drainage		Quantity of water:		1.32 cum/S						
		Size of SW	/D:	600 x 350 r	nm					
	Shri Satish.M.Gavai (Member Secretary SEIAA) SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 48 of 262 An and B. Kulkarn (Chairman SEIAA)						ırni			

		Sewage ge in KLD:	neration	245					
Sewage and		STP techn	ology:	MBBR					
		Capacity o (CMD):	f STP	03 (75, 100, 125) KLD					
Waste w		Location & the STP:	area of	ground ; total area abou	t 300 sq.m				
		Budgetary (Capital co	allocation ost):	85					
		Budgetary (O & M cos	allocation st):	10.75					
			36.Soli	d waste Manag	gement	5			
Waste gene	eration in	Waste gen	eration:	100-150 kg/day					
the Pre Con and Constr phase:	nstruction	Disposal o constructi debris:		Low lying area of site/ a	pproved site.	5			
		Dry waste:		624 kg/day					
		Wet waste	•	691 kg/day					
Waste ge	neration	Hazardous	s waste:	00					
in the ope Phase:		Biomedica applicable		00					
STP Sludge (Dry sludge):			e (Dry	40 kg					
		Others if a	ny:	NA					
		Dry waste:		Segregated/Sale/Collect	ed by local authority				
		Wet waste	:	Composting through OWC/Vvermipits & used at site/ Handed over to local as manure					
Mode of I	Disposal	Hazardous	waste:	NA					
of waste:	oropoour	Biomedica applicable	l waste (If):	NA					
		STP Sludg sludge):	e (Dry	Manure					
		Others if a	0	NA					
		Location(s		Ground					
Area requirem	ent:	Area for th of waste & material:		55.12 sq.m					
	GY	Area for m	achinery:	8.0 sq.m					
Budgetary		Capital cos	st:	18.0					
(Capital co O&M cost)		O & M cos	t:	2.25					
			37.Ef	fluent Charecterestics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable			
Amount of e (CMD):	ffluent gene	eration	Not applica	ble					



Capacity of	the ETP:		Not ap	plica	ble					
Amount of t recycled :	reated efflue	ent	Not ap	plica	ble					
Amount of v	vater send to	o the CETP:	Not ap	Not applicable						
Membershi	p of CETP (if	f require):	Not ap	plica	ble					
Note on ET	P technology	v to be used	Not ap	plica	ble					
Disposal of	the ETP sluc	lge	Not ap	plica	ble					
			38	.Ha	zardous	Waste D	Details			
Serial Number	Descr	iption	Cat UOM Exist		Existing	Proposed	Total	Method of Disposal		
1	Not apj	plicable	Not applica		Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
			39	9.St	acks em	ission D	etails		0,	
Serial Number	Section	& units	Fuel Used with Quantity			Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not apj	plicable	No	ot app	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 applicable Not applicable Not applicabl				Not applicable			
41.Source of	of Fuel		Not applicable							
42.Mode of	Transportat	ion of fuel to	site 1	Not a	pplicable					
) *				
		Total RG a	rea :		8187.28 sq.	m				
		No of trees	s to be	cut	Nil					
43.Gree		Number of be planted		to	800					
Develop	ment	List of pro native tree			Attached					
		Timeline f completion plantation	n of		Decemeber	2017				
	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	Cor	nmo	n Name	Qua	ntity	Charact	eristics & ecological importance	
1	Cassia	fistula		Bah	ava	7	0		tolerant, ornamental & nedicinal plant	
2	Mimusoj	ps elengi		Ba	kul	5	0		en tree, timber yielding d medicinal plant	
3	Nyctanth tris	les arbor- stis		Parij	atak	5	60	Flowery tr flowers a	ee, the seeds, leaves and ll have medicinal value	
4		emia flos- neae		Tam	lhan	5	50	E	Evergreen tree,	
5	Murraya j	paniculata		Ku	nti	5	60		Flowery tree,	



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6	Saraca	a asoka	soka Sita A		270]	Evergreen medicinal plant Nitrogen fixer, ornamental plant	
7	Bauhinia	racemosa	Ap	ota	50	ł	nady tree for roadside plantation	
8	Azadirac	hta indica Nee		em	50	S	hady tree for roadside plantation and has medicinal uses	
9	Ficus r	religosa	Pee	eple	05]	Evergreen & bird attracting tree	
10	Tamaran	lus Indica	In	nli	10		fruit tree & bird attracting	
11	Butea mo	nosperma	Pal	ash	140		Used in pesticide & dye preparation	
12	Syzigiur	n cumini	Jan	nun	05		fruit tree & bird attracting	
45	.Total qua	ntity of plan	t <mark>s on grou</mark> i	nd				
46.Num	ber and	list of sh	rubs an	d bushes	species to	o be plan	ted in the podium RG:	
Serial Number		Name		C/C Distan	nce		Area m2	
1	а	ttached		attached	l		attached	
				47.En	erav			
		Source of p supply :	ower	MSEB	3-35			
		During Con Phase: (Der Load)		325 KVA		5	, 	
DG set as Power back-up during construction ph		ring	125 KVA					
		During Ope phase (Con load):		12520 KVA				
Pov require		During Ope phase (Den load):		6140 KVA				
		Transforme	er:	6 X 1250 KVA				
		DG set as P back-up du operation p	ring	630 X 2, 500, 250 KVA				
		Fuel used:		HSD	5D			
		Details of h tension line through the any:	passing	NA				
	SY	48.Ene	rgy savi	ng by non	-conventi	ional me	thod:	
? Use of Sol ? Small capa	ar energy fo acity transfo	used with ene or street lighti ormers having	rgy saving I ngs and sol low no load		prescent tube er. ses.			
	Ji Liitergy ei				ons & % o	fsaving		
Serial		43	Detall		/115 Q /0 U	i suvilly:		
Number		nergy Conse					Saving %	
1	use of LE	efficien	t euipments				n common area lightings)	
		50.	Details	of polluti	on contro	l System	S	
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Source	Ex	isting pol	n	Proposed to be installed						
Not applicable		N	ot applicable					Not ap	plicable	
	allocation Capital cost: 65.00 Lac			Lacs						
(Capital O&M		0 & M c	ost:	3.75 La	acs					
51	.Enviro	onmei	ntal Mar	nage	ment j	plan Bı	udg	etary	Alloca	ation
		a) Construc	ction	phase (with Bre	ak-u	p):		
Serial Number	Attri	butes	Parar	neter		Total	Cost p	er annu	m (Rs. In I	acs)
1	Sanit	ation	pH, BOD,	COD, TS	SS			8.0		
2	Health (Check up	N	la				2.0		
3	Saf	fety	Ν	A				5.0		
4	Wa	iter	as per I	S 10500				5.0		
			b) Operat	ion P	hase (w	ith Brea	k-up):		
Serial Number	Comp	onent	Descr	iption	Cap	oital cost Rs Lacs	s. In		tional and ost (Rs. in	Maintenance Lacs/yr)
1	S	ГР	MB	BBR		85.00		10.75		
2	RWH S	YSTEM	Ringwel	ls & Pits	5	25.00		1.0		
3		nmental toring	, Air, Nois So		r,	00		1.50		
4		Waste Jement	pH,	NPK		18.00	2.25			
5	Energy co	nservation				65.00		3.75		
6	Gree	n Belt	Trees Pl	antation	1	25.00		4.25		
51.S	torage	of ch	emicals		lamab stanc	-	osiv	/haz	zardou	s/toxic
Descrij	ption	Status	Location	Location Sto in		Maximum Quantity of Storage at any point of time in MT	/ M	umption onth in MT	Source of Supply	Means of transportation
Not appl	licable	Not applicable	Not applica	Not applicable		Not applicable	Not a	pplicable	Not applicable	Not applicable
	CY		52.A	ny Ot	her Inf	ormation	1			
No Informa	tion Availabl	е								
			53.	Traffi	c Mana	gement				
				02						



	Number and area of basement:	01 in Commercial Building
	Number and area of podia:	00
	Total Parking area:	14,302.00 sq.m
	Area per car:	25 to 30 sq.m
	Area per car:	25 to 30 sq.m
Parking details:	Number of 2- Wheelers as approved by competent authority:	898
	Number of 4- Wheelers as approved by competent authority:	806
	Public Transport:	Bus STOP at 100 m
	Width of all Internal roads (m):	6.0 to 9. m
	CRZ/ RRZ clearance obtain, if any:	NA as per prevailing CZMP Map of Vasai Virar region.
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	(8a) B2
	Court cases pending if any	NA
	Other Relevant Informations	This case is recommended by SEAC-2 in 50th meeting in september 2016.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	25-07-2016
	Brief informa	tion of the project by SEAC



Minutes of 50th SEIAA meeting :

Representative of PP, Brijesh Dattani & Sanjay Narang were present during the meeting along with environmental consultant M/s SGM. Following information has been given by PP for completed construction: _

• PP has obtained first development permission from Asst. collector Vide letter no. No.BD/NAP/SR/9/86 dated 11.05.1987 and started the construction activity accordingly & stopped the work due to order of collector dated 09.02.88.

- Stay was vacated by the Collector, Thane vide order dated 21.07.97.
- PP has again obtained building permission of subjected scheme on dated 21/02/2003 from CIDCO.
- PP had again started construction activities in 2003 and obtained occupation certificates of three buildings.

• Further PP has obtained revised development permission in 31.03.2005 prior to EIA notification 14/9/2006. PP has obtained latest development permission in year 09/01/2014 and constructed about 15818.55 sq.m area after the date of notification

PP informed that they have completed construction admeasuring 15,818.55 m2. Further, PP requested to reappraise the project as per circular of Environment Dept. dated 21/04/2015 issued on the basis of High Court orders. Committee observed that construction admeasuring 15,818.55 m2 prior to EC is violation of the provisions of EIA Notification. However, considering High Court orders and subsequent circular of Environment Department dated 21/04/2015, Committee appraised the matter. PP submitted details for construction undertaken prior to EIA Notification, 2006.

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 PP stated that total plot area is 66,490 m2 & total construction area of the project is 87,968.63 m2. Committee noted that the project under 8a (B2) category of EIA Notification, 2006. PP submitted revised solid waste calculations. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC



SHAA

During	discussion	following	points	emerged:

1. PP & Architect to submit undertaking on legal paper regarding construction undertaken is by them is less than 20,000 m2 & if it is false, PP is liable for further legal action as per the law. 2. PP to submit detailed statement for the construction completed till date.PP to submit chronology of permissions obtained and construction undertaken accordingly to ascertain violation, if any, in the matter for the buildings constructed prior to EIA notification & after EIA notification.

3. It is observed that there is no sewer line constructed up to the project site. Therefore, PP to ensure that no possession shall be given before completion of the sewer lines and permission for the connection to the same by the competent authority. Local body to ensure the same.

4. Further, PP informed that sewerage of the existing building is going to the storm water drainage lines. PP to connect the sewage generating from the existing buildings to the STP and submit revised detailed calculations of the same. Also submit details of suitable technology for STP wrt. availability of power.

5. PP to submit letter of commitment for drinking water to the project from Municipal Corporation.

6. PP to ensure that BOD of the treated water should be 5 mg/lit.

7. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

After	deliberation,	Committee	decided	to recommend	the	proposal	for Environmental
Clearance	e to SEIAA, subje	ct to compliar	nce of abov	e points.			

Specific Conditions by SEAC:

SEIAA DECISION

Approved

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Proposed Composite H.S.G. Scheme On Land Bearing S.No.58/1 (P), 58/2 (P), 58/3 (P), Sr. No 59/A3 (P), 60/3 (P), 63/1 (P), Sr. No 63/2 & Sr. No 63/3 At Shrirampur, District-Ahmednagar, Maharashtra

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort,Mumbai-01 Time : 10.00 AM

1.Name of Project	Proposed Composite H.S.G. Scheme On Land Bearing S.No.58/1 (P), 58/2 (P), 58/3 (P), Sr. No 59/A3 (P), 60/3 (P), 63/1 (P), Sr. No 63/2 & Sr. No 63/3 At Shrirampur, District-Ahmednagar, Maharashtra						
2.Type of institution	Government						
3.Name of Project Proponent	Nashik Housing & Area Development Board						
4.Name of Consultant	M/s. Fine Envirotech Engineers						
5.Type of project	MHADA						
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	Land Bearing S.No.58/1 (P), 58/2 (P), 58/3 (P), Sr. No 59/A3 (P), 60/3 (P), 63/1 (P), Sr. No 63/2 & Sr. No 63/3 At Shrirampur, District-Ahmednagar, Maharashtra						
9.Taluka	Shrirampur						
10.Village	Shrirampur						
11.Area of the project	Shrirampur Municipal Council, Shrirampur						
12.IOD/IOA/Concession/Plan Approval Number	Proposed MHADAs Composite Housing Scheme is approved by Shrirampur Municipal Council, Shrirampur vide letter dated 15/07/2014 IOD/IOA/Concession/Plan Approval Number: Plan Approval Number - RBP/00013/2014-15						
**	dated: 15/7/2014						
	Approved Built-up Area: 45263.60						
13.Note on the initiated work (If applicable)	Not applicable						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable						
15.Total Plot Area (sq. m.)	51400 sq.mt.						
16.Deductions	8354.44 sq.mt.						
17.Net Plot area	43045.56 sq.mt.						
	a) FSI area (sq. m.): 45263.60 sq.mt.						
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 2309.58 sq.mt						
	c) Total BUA area (sq. m.): 47573.18 sq.mt.						
19.Total ground coverage (m2)	11800 sq.mt.						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	26.07 %						
21.Estimated cost of the project	777300000						
22.Num	ber of buildings & its configuration						

Serial number	Building Name & number	Building Name & number Number of floors	
1	Building No. 1 (MIG) with 3 Wings A, B, C	Ground +3	12.29
2	Building No.2 (MIG) with 3 Wings A, B,C	Ground +2	9.33
3	Building No.3 (LIG) with 4 Wings A, B,C,D	Ground +3	11.65

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(Member Secretary SEIAA)SEIAA Meeting No: SEIAA Meeting No. 110
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(Chairman SEIAA)

4	Building N	Io.4 (LIG) with 3 Wings A,B,C	Ground +3	11.65			
5	Building N	Io.5 (LIG) with 3 Wings A,B,C	Ground +3	11.65			
6	Building N	o.6 (MIG) with1 Wing A	Ground +3	12.29			
7	Building N	o.7 (MIG) with 1 Wing A	Ground +3	12.29			
8		o.8 (EWS) with 7 Wings A,B,C,D,E,F,G	Ground +3	11.65			
9	Building N	o.9 (EWS) with 2 Wings A,B	Ground +3	11.65			
10	Building No	o.10 (MIG) with 5 Wings A,B,C,D,E	Ground +3	12.29			
11		J No.11 (EWS) with 3 Wings, A,B,C	Ground +3	11.65			
12		No.12 (EWS) with 4 Vings A, B,C,D	Ground +3	11.65			
13		No.13 (EWS) with 4 Vings A,B,C,D	Ground +3	11.65			
14	Building	No.14 (EWS) with 2 Wings A,B	Ground +2	8.85			
15		No.15 (EWS) with 5 ings A,B,C,D,E	Ground +3	11.65			
16	Building N	o.16 (LIG) with 6 Wings A,B,C,D,E,F	Ground+3	11.65			
17		o.17 (LIG) with 6 Wings A,B,C,D,E,F	Ground +3	11.65			
18	Shopp	ing Complex (1 no.)	Ground	4.50			
23.Number tenants an		Total Residential Tenem Total Shops - 87 nos Shopping Complex - 1 n					
24.Number expected rusers		Residential users - 4540	ers - 4540 nos. and Commercial Users - 254 nos.				
25.Tenant per hectar	0	215 tenements /hectares	S				
26.Height building(s)							
27.Right o (Width of t from the n station to t proposed h	the road earest fire the	18 m					
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Not applicable (Building m wide road)	gs are G+3 structure. Height of Build	ing 12.29 m and accessible from 18			
29.Existing structure (Not applicable					



demolition disposal (If	30.Details of the demolition with disposal (If applicable)										
			31.P	roduct	tion Details						
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Not app	olicable	Not apj	plicable	blicable Not applicable Not applicable						
		3	2.Tota	l Wate	r Requiremen	t					
		Source of v	vater	Shrirampur Municipal Water supply							
		Fresh wate	r (CMD):	413							
		Recycled w Flushing ((211		0					
		Recycled w Gardening		24							
Dry season:		Swimming make up (C		Not applica	ble	00					
		Total Wate Requireme :		648							
		Fire fightir Undergrou tank(CMD)	nd water	Not applicable							
		Fire fightin Overhead v tank(CMD)	vater	Not applica	ble						
		Excess trea	ted water	268							
		Source of water Shrirampur Municipal Water supply									
		Fresh wate	Fresh water (CMD): 413								
		Recycled w Flushing ((211							
		Recycled w Gardening	(CMD):	Nil							
		Swimming make up (C		Not applicable							
Wet seasor	1:	Total Wate Requireme :		624							
	SV	Fire fightin Undergrou tank(CMD)	nd water	Not applicable							
	÷	Fire fightin Overhead v tank(CMD)	vater	Not applicable							
	Ex		ted water	295							
Details of S pool (If any		Not applical	ole								
		3	3.Detail	s of Tota	l water consumed	d					
Particula rs	Cons	sumption (C	MD)		Loss (CMD)	Effluent (CMD)					

for			Anand B. Kulkarni
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Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
		Level of th water table		5 m								
		Size and natank(s) and Quantity:		Nil								
		Location o tank(s):	f the RWH	Nil								
34.Rain V Harvestin		Quantity o pits:	f recharge	10 nos.				3				
(RWH)	5	Size of rec :	harge pits	1.5 M x 1.5	M x 1.5M							
		Budgetary (Capital co		25 Lakhs			0					
		Budgetary (O & M cos		9 Lakhs			5					
		Details of if any :	UGT tanks		G tank Capa G tank Capac							
		Natural wa drainage p		Storm wate	r collection i	s proposed s	separately in	ı project prer	nises			
drainado	Quantity o water:	f storm	0.59 cum/sec									
		Size of SW	D:	300 mm, 45	0 mm and 6	00 mm wide						
			X	\frown								
		Sewage ge in KLD:	neration	561 KLD								
		STP techn	ology:	Shall be connected to Municipal STP								
Sewage	and	Capacity o (CMD):	f STP	Shall be connected to Municipal STP								
Waste w		Location & the STP:	area of	Not applica	ble							
		Budgetary (Capital co		Not applica	Not applicable							
	GY	Budgetary (O & M cos		Not applicable								
		3	86.Soli	d waste	Mana	gemen	t					
Waste gen	eration in	Waste gen	eration:	Constructio	n waste							
	onstruction	Disposal o construction debris:		To be dispo	sed by handi	ing over to a	uthorized co	ontractor				
		Dry waste:		959 Kg/day								
		Wet waste		1387 Kg/day								
Waste ge	eneration	Hazardous	waste:	Not applicable								
in the op Phase:		Biomedica applicable		Not applicable								
		STP Sludg sludge):	e (Dry	28 Kg/day								
		Others if a	-	Not applica								
(Member S	ecretary SEL	4A)	Meetin	g Date: May	2, 2017	0	o <mark>f 262</mark> (Cha	irman SEIAA)			

		Dry waste:		Disposed b	v hand	ing ov	er to authori	ized co	ontract	or	
		Wet waste		Will be com		0					
		Hazardous		Not applica	-						
Mode of a of waste:	Disposal	Biomedica applicable									
		STP Sludg sludge):	e (Dry	Will be use	d as m	anure					
		Others if a	ny:	Not applica	ble						
		Location(s):	Open space							
Area for the of waste & material:			216 sq.mt								
		Area for m	achinery:	7.5 sq.mt.							
Budgetary		Capital cos	st:	35 Lakhs							
(Capital co O&M cost)		O & M cos	t:	15 Lakhs							
37.Effluent Charecterestics											
Serial Number	Paran	neters Unit		Inlet E Charect				Effluent sterestics		Effluent discharge standards (MPCB)	
1	Not ap	plicable	Not applicabl	e Not ap	plicabl	е	Not ap	plicabl	e	Not applicable	
Amount of e (CMD):	effluent gene	eration	Not appli	cable							
Capacity of	the ETP:		Not appli	cable							
Amount of t recycled :	reated efflue	ent	Not appli	cable							
Amount of v	vater send to	o the CETP:	Not appli	cable	7						
Membershij	o of CETP (if	require):	Not appli	cable							
Note on ETI	P technology	to be used	Not appli	cable							
Disposal of	the ETP sluc	lge	Not appli	cable							
			38. H	lazardous	Was	te D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	Not apj	plicable	Not applicabl	Not applicable	No applio		Not applicable		ot cable	Not applicable	
			39.9	Stacks em	issio	n De	etails				
Serial Number	Section	& units		Used with antity	Stack	« No.	Height from ground level (m)	dian	rnal neter n)	Temp. of Exhaust Gases	
1	Not apj	plicable	Not a	pplicable	Ne applie		Not applicable		ot cable	Not applicable	
			40. D	etails of I	uel t	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	le	Ν	Not applicabl	е		Not applicable	
41.Source o	f Fuel		Not	applicable							
42.Mode of	Transportat	ion of fuel to	site Not	applicable							



		Total RG a	rea :	4848.55 sq	.mt					
		No of trees	s to be cut	Not applica	ble					
43.Gree		Number of be planted		300 nos.	300 nos.					
Develop	ment	List of proposed native trees :			too, Sitaphal, mhan, Son Cl		shwar, Bahava, Peru, Mango, Sita n, Kunti			
		Timeline for completion of plantation :		2 Years	2 Years					
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	ed in the ground			
Serial Number	Name of	the plant	Commo	on Name	Quar	ntity	Characteristics & ecological importance			
1	Azardicata indica		Ne	em	20	0	Medicinal, Soil erosion control bird Squirrel monkey attracting fruit			
2	Acrus sapota		Chi	Chikoo		5	Fruit bearing tree, Bird attracting			
3	Annona s	nnona squamosa S		phal	1	5	Fruit bearing tree, Bird attracting			
4	Bauhinea	auhinea racemosa		ota	3	0	Drought tolerant, Medicine			
5	Bomba	Bombax ceiba		savar	2	5	Drought tolerant, Medicinal			
6	Cassia	fistula	Bah	Bahava		0	Medicinal, Bird attracting, Soil erosion control			
7	Psidiun	n guava	Pe	Peru		0	Fruit bearing tree, Bird attracting			
8	Magnife	ra indica	Ma	Mango		0	Fruit bearing tree, Bird attracting			
9	Saraca	ashoka	Sita A	shoka	30		Medicinal, , Bee & Squirrel attracting flowers, Anti poison capacity, Fragrant flowers			
10	Lagerstron	nia speciosa	Tan	nhan	4	0	Medicinal, control soil erosion			
11	Michelia	champaca	Son	Chafa	3	0	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant			
12		ephallus amba	Kac	lam	2	5	Shady, large tree, ball shaped flowers			
13	Murraya j	paniculata	Ku	ınti	2	0	Good for ornamental purpose			
45	.Total qua	ntity of plan	its on grou	nd						
46.Num	nber and	list of sl	nrubs an	d bushes	s species	to be p	lanted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1	Not	applicable		Not applic	able		Not applicable			
				47.E	nergy					



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		Source of supply :	power	MSEDCL					
		During Cor Phase: (De Load)		200 KW					
		DG set as l back-up du constructio	ıring	150 KVA					
Pos	107	During Op phase (Cor load):		2934.50 KW	V				
require		During Op phase (Der load):		3260.56 KVA					
		Transform	er:	8 nos. of 31	5 KVA				
			Power Iring phase:	1 DG set of 82.5 KVA capacity for STP					
		Fuel used:		Deisel	Deisel				
			high e passing e plot if	Over head HT line removal in progress and underground cable lying progress					
		48.Ene	rav savi	na by no	n-co	nventional method:			
T-5 Tube Lie	ghts of 28 W		- 3, 3471	- <u>9</u> <u>9</u> <u>9</u>					
			9. Detail	calculati	ons	& % of saving:			
Serial					0113				
Number	E	nergy Cons	ervation Mo	easures		Saving %			
1	T-5 Tube	Lights of 28	W (Annual	Energy Savir					
		50	Details	of polluti	ion c	control Systems			
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed			
Not applicable		Not	applicable	Not applicable					
Budgetary (Capital		Capital cos	șt:	10 Lakhs					
O&M		0 & M cos	t:	2 Lakhs					
51	.Enviro	onment	al Mar	nageme	ent]	plan Budgetary Allocation			
		a)	Construc	ction pha	se (v	with Break-up):			
Serial Number	Attril	butes	Parai	neter		Total Cost per annum (Rs. In Lacs)			
1	Site S	Safety	Barricadin suppr	g and dust ession		12			
2		Environmental Air, Nois Monitoring Biolo		e, Water, gical		6			
3		acility and water ement	Mobile	toilets 4		4			
4	Solid manag	waste jement	Solid	waste		3			



5		onal Health & afety	Medical Chee and First		Έ		6			
		ł	o) Operatio	on Pha	ase (wi	th Brea	k-up):			
Serial Number	Com	iponent	Descrip	otion	Сарі	tal cost Rs Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)		
1		er Harvesting ystem	Recharg	e pits		25		9		
2		Environmental Monitoring		Air, Noise, Water, Biological				12		
3		d Waste agement	OWC, Co Dustb			35		15		
4		gy Saving asures	T5 Tube Lig W	thts of 28	3	10		2		
5		en Belt elopment	RG area - 4 sq.mt , Tree		on	40		10	3	
51.S	Storag	e of che			imabl tance	s)	osive/ha	zardou	s/toxic	
Descri	Description S		Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Not app	olicable	Not applicable	Not applicab	ole a	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
			52.An	y Oth	er Info	rmation	l			
No Informa	ation Availa	ble								
			53.T	'raffic	Manag	jement				
				Separate	e exit and o	entry point				
	S									



	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	7654.2 sq.mt
	Area per car:	25 sq.mt
	Area per car:	25 sq.mt
Parking details:	Number of 2- Wheelers as approved by competent authority:	1098 nos.
	Number of 4- Wheelers as approved by competent authority:	69 nos.
	Public Transport:	Not applicable
	Width of all Internal roads (m):	6 m, 9 m, and 12 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8 (a) - B2
	Court cases pending if any	Not applicable
	Other Relevant Informations	
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	Brief informa	tion of the project by SEAC



Minutes of 55th SEAC-3 meeting:

PP submitted their application for prior Environment Clearance for total plot area of 51400.00 m2 BUA of 47573.18 sq.m and FSI area of 45263.60 sq.m. PP proposes to construct 17 nos. of residential buildings having 62 wings and 1 commercial building having maximum height of 12.29 Mtrs. The case was earlier considered in the 28th meeting of the SEAC - III held on 7th to 10th April 2015 when case was deferred. The case was again considered in 30th meeting of the SEAC - III held from 21st to 24th July 2015 and 44thmeeting of the SEAC - III held from 28th to 31st March 2016.

This committee took up the compliance report and other documents submitted by the Project Proponent for examination. The proposal is appraised as category 8 (a) B2.

DECISION OF SEAC

During discussion following points emerged:

1. PP informed that they have obtained full potential sanction.

2. PP to obtain NOC for training of Nallah from competent authority.

3. PP has received letter dated 9.04.2015 from CO, Shrirampur ,Municipal Council mentioning no objection to connect sewage line of project to their STP;PP to obtain specific NOC from Municipal council, Shrirampur that 561 CMD generated sewage from project will be accepted to connect it to municipal council STP.

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

Specific Conditions by SEAC:

SEIAA DECISION

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30

days



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017



SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Proposed Residential Project at CTS no. 101, Survey 38 (pt) Village Tirandaz, Powai, Mumbai by M/s. Skyline Mansions Pvt. Ltd.

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort, Mumbai-01 Time : 10.00 AM

1St 11001,	SII P.M.Roau, FOIL,	Iumpai-01	11111e : 10.00 AM						
1.Name of P	roject	Residential P	roject						
2.Type of ins	stitution	Private							
B.Name of P	roject Proponent	Mr. Jaysinh I	Dave						
I.Name of C	onsultant	ABC Techno	Labs India Private Limited						
5.Type of pr	oject	Residential P	Residential Project						
	ct/expansion in existing ernization/diversification roject	New Project	New Project						
whether env	on/diversification, ironmental clearance tained for existing	NA	NA						
B.Location o	f the project	At CTS no. 10	01, Survey 38 (pt) Village Tirandaz,	Powai, Mumbai , Maharashtra.					
).Taluka		Mumbai							
0.Village		Tirandaz							
1.Area of t	1e project	Municipal Co	prporation of Greater Mumbai (MCG	M)					
		Obtained)					
2.IOD/IOA/ Approval Nu	Concession/Plan mber	IOD/IOA/Co No.3 - CE/11		Building No. 2 - CE/1193/BPES/AS & Building					
		Approved Built-up Area: 1,90,533.95 sq.m Concession approved by Municipal Commissioner Under File no. CE/1193/BPES/AS & CE/1194/BPES/AS dated 03.01.2017							
13.Note on t applicable)	he initiated work (If	Not applicable							
	C / IOD from MHADA/ vals (If applicable)	Not applicab	le						
15.Total Plo	t Area (sq. m.)	1,23,647.251	m2						
6.Deductio	ns	86,446.21 m2	2						
7.Net Plot	area	37,201.01 m2	2						
0.0		a) FSI area (sq. m.): 91,409.47 m2							
lo.Proposed Non-FSI)	Built-up Area (FSI &	b) Non FSI area (sq. m.): 99,124.48 m2							
		c) Total BUA area (sq. m.): 1,90,533.95 m2							
9.Total gro	und coverage (m2)	12,962.0 m2							
	overage Percentage (%) entage of plot not open	34 % of Net Plot Area							
5	d cost of the project	512000000							
		ber of l	buildings & its co	nfiguration					
Serial number	Building Name &	number	Number of floors	Height of the building (Mtrs)					
1	Building - 2 (Wing A	A, B, C)	Basement + Ground + Podiu Stilt + 28 Floors	m + 97.75					
2	Building – 2 (Wing D, E, F)		Basement + Ground + 2 No Podium + Stilt + 26 Floor	u / /5					
3	Building – 3 (Wing .	A, B, C)	Two Level Basement + Ground + Podium + Stilt + 28 Floors97.75						
23.Number tenants an	Total tonan	ts: 1249 Nos							
Re	En			Anand B. Kulkarni					

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(Member Secretary SEIAA)

24.Number of expected resusers		6,245 users					
25.Tenant de per hectare	ensity	4113/hector					
26.Height of building(s)	f the						
27.Right of the (Width of the from the near station to the proposed but the formation to the proposed but th	e road arest fire e	18.30 Mtrs					
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation9.0 Mtrs							
29.Existing structure (s)) if any	Not applica	ble			0	
30.Details of the demolition with disposal (If applicable)			ble		00	3	
			31.P	roduct	ion Details		
Serial Number	Proc	luct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)	
1	Not app			olicable	Not applicable	Not applicable	
					r Requiremen	t	
		Source of v Fresh wate		Municipal V 567	Vater Supply		
		Recycled w Flushing (vater -	281			
		Recycled w Gardening		69			
		Swimming make up (Not applicable			
Dry season:		Total Wate Requireme :		921			
	5*		ng - nd water):	900			
		Fire fightin Overhead v tank(CMD)	water	450			
		Excess trea	ated water	294			



		Source of	fwater	Municipal V	Water Supply	7					
			ter (CMD):	567	water bappiy	·					
		Recycled									
		Flushing		281							
		Recycleo Gardeni	l water - ng (CMD):	Not applicable							
		Swimmi make up		Not applicable							
Wet seaso	n:	Total Wa Require	nter nent (CMD)	852							
			ting - ound water D):	900				5			
		Fire figh Overhea tank(CM	d water	450				S			
		Excess t	reated water	er 363							
Details of pool (If an		Not appli	cable			6	0				
33.Details of Total water consumed											
Particula rs	Cons	sumption	(CMD)		Loss (CMD)	S	Effluent (CMD)				
Water Require ment	Existing	Propose	d Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicabl	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
			•			•					
		Level of water ta	the Ground ble:	6 - 7 Mtrs							
			Size and no of RWH tank(s) and		7 RWH tanks with 390 cum. capacity						
		Location tank(s):	of the RWH	On ground							
		Quantity pits:	of recharge	5 Nos.							
34.Rain V	Wator	Size of r	echarge pits	5 Nos.							
Harvestin (RWH)		Budgeta (Capital	ry allocation cost) :	39.15 Lakhs							
	÷	Budgeta (O & M d	ry allocation cost) :	1.5 Lakhs							
				For each wing of Bldg. 2 respectively: A,B,C,D,E & F							
		Details of if any :	of UGT tanks	 Domestic Water tank Capacity: 426.0 m3 Raw Water tank Capacity: 320 m3 Fire Fighting tank Capacity: 600 m3 							
	i	ii uiiy .		2. Raw Wat	: c Water tank ter tank Capa nting tank Ca	acity: 70 m3					
1PG	Angud B. Kulkarni										

flam à			Anand B. Kulkarni
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25 Stermereter	Natural water drainage pattern:	As per gravity						
35.Storm water drainage	Quantity of storm water:	0.930 Cum/Sec for building No-2 and 0.185 Cum/Sec for building No-3						
	Size of SWD:	Varies from 300 mm to 1000 mm						
	•							
	Sewage generation in KLD:	720 KLD						
	STP technology:	Moving bed biofilm reactor (MBBR)						
Sewage and	Capacity of STP (CMD):	1 STP of 720 KLD Capacity						
Waste water	Location & area of the STP:	Above Ground						
	Budgetary allocation (Capital cost):	108 Lakhs						
	Budgetary allocation (O & M cost):	22.85 Lakhs/Year						
	36.Soli	d waste Management						
Waste generation in	Waste generation:	28000 cum						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Will be Utilized in low-land leveling & base preparation of internal roads. Some quantity of Excavation soil will be use for backfilling and remaining will be hand over to authorize vendor.						
	Dry waste:	1124 kg/day						
	Wet waste:	1686 kg/day						
Waste generation	Hazardous waste:	Spent oil or oil grease for DG sets, paints etc.						
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable						
	STP Sludge (Dry sludge):	22 kg/day						
	Others if any:	Not Applicable						
	Dry waste:	Handed over to authorize vendor for further handling and disposal.						
	Wet waste:	Will be converted to compost using Organic Waste Convertor.						
	Hazardous waste:	Handed over to authorized Vendor/Recycler						
Mode of Disposal of waste:	Biomedical waste (If applicable):	Not Applicable						
	STP Sludge (Dry sludge):	Will be used as manure for gardening						
5	Others if any:	Not Applicable						
	Location(s):	On ground						
Area requirement:	Area for the storage of waste & other material:	93 m2						
	Area for machinery:	2.6 M x 7.2 M x 2.7M						
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	45 Lakhs						
	O & M cost:	2.95 Lakhs/Annum						
	27 Ff	fluent Charecterestics						



Serial Number	Paran	neters	Unit		Effluent terestics		Effluent cterestics	Effluent discharge standards (MPCB)			
1	Not ap	plicable	Not applicable	Not ap	plicable	Not aj	oplicable	Not applicable			
Amount of e (CMD):	effluent gene	eration	Not applica	able							
Capacity of	the ETP:		Not applica	able							
Amount of tr recycled :	reated efflue	ent	Not applica	able							
Amount of w	vater send t	o the CETP:	Not applicable								
Membership	o of CETP (ii	f require):	Not applica	able							
Note on ETH	00		Not applica								
Disposal of t	the ETP sluc	lge	Not applica	able							
			38.H a	azardous	Waste D	Details					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicab	Not applicable			
			39.S	tacks em	ission D	etails					
Serial Number	Section & units		Fuel Used with Quantity		Stack No.	Height from ground level (m)	Interna diameto (m)	Tomn of Evhaust			
1	1 Not applicable		Not applicable		Not Not applicable applicable		Not applicab	le Not applicable			
			40.De	tails of H	Fuel to b	e used					
Serial Number	Тур	e of Fuel		Existing		Proposed		Total			
1	Not	applicable		Not applicabl	e Not applicable			Not applicable			
41.Source o	f Fuel		Not	applicable							
42.Mode of	Transportat	ion of fuel to	site Not a	applicable							
				1							
		Total RG a		9817.89 m2	2						
		No of trees	s to be cut Not applicable								
43.Gree	n Belt	Number of be planted	h/) Noe								
Development List of pro		List of pro native tree		Azardirachta indica, Alstonia scholaris, Anthocephalus kadamba, Ca fistula, Largerstroemia indica, Michelia champaca, Murraya exotica Pongamia pinnata, Spathodea companulata, Tabebuia rosea							
		Timeline f completion plantation	or n of With compleation of construction phase								
	44.Nu	mber and	l list of	trees spe	cies to b	e plante	d in th	e ground			
Serial Number	Name of the plant		Commo	Common Name		Quantity		ncteristics & ecological importance			
1	Azardirachta indica			eem	6	57		Medicinal value, to contro il erosion, Evergreen			
2	Alstonia	scholaris	Sa	twin	4	8	Eve	rgreen medicinal plant			
Re	n d						A	nand B. Kulkarni			

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4 Cassia fistula Cassia fistula 80 Medicinal value. Drought ulerants pant. Honcy bear attracting plant. Honcy bear attracting plant. Honcy bear attracting plant. Honcy bears. Host plant for Butterfly. 5 Largerstroemia indica Tamhan 92 Greates shade, attracts birds/hutterfles/bees. good for screening 6 Michelia champaca Son chafa 98 Pragrant flowces, good for screening 7 Murraya exotica Kunti 105 Medicinal & organinal plant 8 Ponganina pinnata Karanj 41 Medicinal & organinal plant 9 Spathodea companidata Shevgafroutain Tree 57 Shade grying ornamental plant 10 Tabebuia rosea Basant rani/Plak Basant rani/Plak 46 Ploweing, Shade grying, Drought Tolerant 45. Total quantity of plants on ground V V Area m2 Source of power requiree of power requiree for power requiree for power requiree for power requiree for power requiree for power requiree for power science do base Sou 200 KW During Construction phase (Onmaeted iod) DG set as Power base. (Demaed construction phase Source of power base. (Demaed construction phase 0 Gras as power base. (Demaed construction phase Source of power base. (Demaed construction phase 0 Disting Operation phase (Connected cod) Source of power base. (De	3		Anthocephalus kadamba Kada				38	Medicinal value, timber yielding plant, suitable for reforestation, ornamental plant				
5 Largerstroemia indica □ Tamhan 92 birds/buterflies/becs, good for screening 6 Michelia champaca □ Imanan 92 birds/buterflies/becs, good for screening 7 Murraya exotica Kunti 105 Medicinal & orgenmental plant 8 Pongamia pinnata Imanan Medicinal & memoral plant Medicinal & memoral plant 9 Spathodea companulata Akash Shevga/Fountain Traie 57 Shade quing ornamental plant 10 Tabebui Tabebui Reant rani/Pink 46 Powening, Shade giving, Drought Tolerant Serial Number Name C/C Distame Area m2 Source of power supply: Relance Energy Pont applicable Not applicable Not applicable Source of power supply: Relance Energy 0 Ge et as Power base (Connected load); Si x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 0 Dird Gostruction Phase (Connected load); Si x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Power supply: 0 Set as Power base (Connected load); Si x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Power supply: <t< td=""><td>4</td><td>Cassia</td><td>fistula</td><td>Case</td><td>sia fistula</td><td colspan="2">fistula 80</td><td>species, ornamental, flowering plant, Honey bee attracting</td></t<>	4	Cassia	fistula	Case	sia fistula	fistula 80		species, ornamental, flowering plant, Honey bee attracting				
6 Michelia champaca Son chafa 98 attracts birds/buttorflies/botes. evergreen tree 7 Murraya exotica Kunti 105 Medicinal & organental plant 8 Pongamia pinnata Karanj 41 Medicinal & organental plant 9 Spathodea companulata Akash Sherga/Fountain Tree 57 Shade niving organental plant 10 Tabebuia rosea Basan trani/Pink trumpet 46 Ploweng, Shade giving, Drought Tolerant Son chafa ØK Shade niving organental plant Number Source of power Source of power Source of power Stalso forgin <td< td=""><td>5</td><td>Largerstroe</td><td>emia indica</td><td>Т</td><td>amhan</td><td></td><td>92</td><td>birds/butterflies/bees, good for</td></td<>	5	Largerstroe	emia indica	Т	amhan		92	birds/butterflies/bees, good for				
8 Pongamia pinnata Karanj 41 Medicinal& Biodiesal yielding Plant 9 Spathodea companulata Akash Shevga/Pountain Tree 57 Shade giving ornamental plant 10 Tabebuia rosea Basant rani/Pink trumpet 46 Plowering, Shade giving, Drought Tolerant 45.Total quantity of plants on ground 46 Plowering, Shade giving, Drought Tolerant 46.Number and list of shrubs and bushes species to be planted in the podium RG: Serial Serial Number Name C/C Distance Area m2 1 Not applicable Not applicable Not applicable VT.Energy 0 Source of power supply : Reliance Energy 0 Set as Power back-up during construction phase During Operation phase (Demand Load) 3x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 0 Dring Operation phase (Demand Load): 8276.0 KW 0 Dring Operation phase (Demand Load): 3x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 0 Dring Operation phase (Demand Load): 8276.0 KW 0 Dring Operation phase: 3x 125 KVA, 1 x 250 KVA & 3 x 625 KVA High Speed Di	6	Michelia (champaca	So	n chafa		98	attracts birds/butterflies/ bees,				
o Prongenitation National National <th< td=""><td>7</td><td>Murraya</td><td>a exotica</td><td></td><td>Kunti</td><td></td><td>105</td><td>Medicinal & ornamental plant</td></th<>	7	Murraya	a exotica		Kunti		105	Medicinal & ornamental plant				
9 companulata Shevga/Fountain Tree 57 Shade giving ornamental plant 10 Tabebuia rosea Basant rani/Pink trumpet 46 Plowering, Shade giving, Drought Tolerant 45.Total quantity of plants or ground 46 Plowering, Shade giving, Drought Tolerant Shade giving, Drought Tolerant 46.Number and List of shrubs and bushes species to be planted in the podium RG: Serial Number Name C/C Distance Area m2 1 Not applicable Not applicable Not applicable 50 Source of power Reliance Energy 9 During Construction Plase: (Demand Load) 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 90 During Operation phase (Connected Load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 90 During Operation phase (Connected Load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 90 During Operation phase (Connected Load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 90 During Operation phase (Connected Load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 90 During Operation phase (Connected Load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA 90 During Operation phase (Connected Load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA <	8	Pongamia	a pinnata	ł	Karanj		41					
10 Tabebula rosea trumpet 40 Tolerant 45.Total quantity of plants on ground 46.Number and list of shrubs and bushes species to be planted in the podium RG: Serial Number Name C/C Distance Area m2 1 Not applicable Not applicable Not applicable Uring Construction Phase: (Demand Load) Reliance Bnergy During Construction Phase: (Demand Load) 200 KW DG set as Power back-up during construction phase 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Connected load): 8276.0 KW Transformer: 6 x 2000 KVA DG set as Power back-up during construction phase 8276.0 KW During Operation phase (Demand load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Details of high tension line passing through the plot if any: High Speed Diesel Details of high tension line passing through the plot if any: Not applicable	9			Shevga/I	Fountain Tree		57					
Serial Number Name C/C Distance Area m2 1 Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Vertex supply: Source of power supply: Reliance Energy During Construction Phase: (Demand Load) 200 KW DG set as Power back-up during construction phase 3x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Connected Joad): 25086.0 KW During Operation phase (Connected Joad): 8276.0 KW DG set as Power back-up during construction phase 8276.0 KW During Operation phase (Connected Joad): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Demand Load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Demand Load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA De G set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Details of high tension line passing through the plot if any: Not applicable Verticable Verticable VA applicable Verticable Verticable					rumpet		46					
Serial Number Name C/C Distance Area m2 1 Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable 47.Energy During Construction Phase: (Demand Load) Reliance Energy DG set as Power back-up during construction phase (Connected load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Connected load): Bouring Operation phase (Connected load): 8276.0 KW During Operation phase (Demand load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA DG set as Power back-up during operation phase: 8276.0 KW DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Details of high tension line passing through the plot if any: Not applicable				-								
Number Name C/C Distance Area m2 1 Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Verticable Not applicable Verticable Not applicable Source of power supply: Reliance Energy During Construction Phase: (Demand Load) 200 KW DG Set as Power back-up during construction phase 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Demand Load) 25086.0 KW During Operation phase (Demand Load) 8276.0 KW Dase (Demand Load) 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA DG set as Power back-up during operation phase: 6 x 2000 KVA DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Details of high tension line passing through the plot if any: Not applicable	46.Num	nber and	list of sl	nrubs a	and bushes	s specie	s to be	planted in the podium RG:				
Source of power supply: Reliance Energy During Construction Phase: (Demand Load) 200 KW DG set as Power back-up during construction phase construction phase 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Connected load): 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Connected load): 25086.0 KW During Operation phase (Connected load): 8276.0 KW Daring Operation phase (Connected load): 8276.0 KW Define Operation phase (Connected load): 8276.0 KW Define Operation phase (Connected load): 8276.0 KW During Operation phase (Connected load): 8276.0 KW Data So Power back-up during operation phase: 8276.0 KW Details of high tension line passing through the plot if any: Not applicable 48.Energy saving by non-conventional method:			Name		C/C Dista	nce		Area m2				
Source of power supply: Reliance Energy During Construction Phase: (Demand Load) 200 KW DG set as Power back-up during construction phase 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Connected load): 25086.0 KW During Operation phase (Demand load): 8276.0 KW DG set as Power back-up during operation phase: 8276.0 KW Transformer: 6 x 2000 KVA DG set as Power back-up during operation phase: 8276.0 KW Transformer: 6 x 2000 KVA DG set as Power back-up during operation phase: 8276.0 KW During Operation phase (Demand load): 8276.0 KW VA DG set as Power back-up during operation phase: Not applicable Fuel used: High Speed Diesel Details of high tension line passing through the plot if any: Not applicable 48.Energy sature by non-conventional method: 1000000000000000000000000000000000000	1	Not	applicable		Not applic	able		Not applicable				
Supply: Refinite Entrety During Construction Phase: (Demand Load) 200 KW DG set as Power back-up during construction phase 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Connected load); 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Demand load); 8276.0 KW Transformer: 6 x 2000 KVA DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA DG set as Power back-up during operation phase: 6 x 2000 KVA DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA DG set as Power back-up during operation phase: Not applicable Vertice High Speed Diesel Details of high tension line passing through the plot if any: Not applicable					47.Et	nergy						
Phase: (Demand Load) 200 KW DG set as Power back-up during construction phase 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA During Operation phase (Connected load): 25086.0 KW During Operation phase (Demand load): 8276.0 KW Transformer: 6 x 2000 KVA DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Transformer: 6 x 2000 KVA DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Puel used: High Speed Diesel Puel used: High Speed Diesel Details of high tension line passing through the plot if any: Not applicable						Reliance Energy						
back-up during construction phase3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVAPower requirement:During Operation phase (Connected load);25086.0 KWDuring Operation phase (Demand oad);8276.0 KWTransformer:6 x 2000 KVADG set as Power back-up during operation phase;3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVAHigh Speed DieselHigh Speed DieselEvel used:Not applicableVot applicableNot applicable	Pha		Phase: (Demand			200 KW						
Power requirement:phase (Connected oad):25086.0 KWDuring Operation phase (Demand load):8276.0 KWTransformer:6 x 2000 KVADG set as Power back-up during operation phase:3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVAFuel used:High Speed DieselDetails of high tension line passing hrough the plot if any:Not applicableHertergy sat-burget by non-conventional method:			back-up du	uring 🔶		3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA						
Image of the phase (Demand load): 8276.0 KW Image of the phase (Demand load): 6 x 2000 KVA Image of the phase (Demand load): 6 x 2000 KVA Image of the phase of the phase (Demand load): 6 x 2000 KVA Image of the phase of	Dor	phase (Cor load):										
DG set as Power back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Fuel used: High Speed Diesel Details of high tension line passing through the plot if any: Not applicable 48.Energy saving by non-conventional method:	requirement:		phase (De	hase (Demand		8276.0 KW						
back-up during operation phase: 3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA Fuel used: High Speed Diesel Details of high tension line passing through the plot if any: Not applicable 48.Energy saving by non-conventional method:		Tra		er:	6 x 2000 KV	6 x 2000 KVA						
Details of high tension line passing through the plot if any: Not applicable 48.Energy saving by non-conventional method:		2	back-up during		3 x 125 KVA	3 x 125 KVA, 1 x 250 KVA & 3 x 625 KVA						
tension line passing through the plot if any: Not applicable 48.Energy saving by non-conventional method:					High Speed	High Speed Diesel						
			tension line passing through the plot if		9 Not applica	Not applicable						
			48.Ene	ergy sav	ving by no	n-conve	ntional	l method:				
	Total Energ	v saving by										



		4	9.Detail	calcula	ations &	& % of s	aving	:				
Serial Number	Energy Conservation Measures					Saving %						
1		L/LED Lamp panel , • Ele		& Total - 25 %								
		50	.Details	of poll	ution c	ontrol S	ysten	15				
Source	Ex	isting pollu	ition contro	l system			Prop	osed to	be installe	ed		
Not applicable		Not	applicable					Not ap	plicable			
Budgetary (Capital		Capital co	st:	227 Lak	hs							
0&M		0 & M cos	t:	27.2 Lał	khs/annum							
51	.Envire	onmen	tal Man	agen	nent p	olan Bu	udge	tary	Alloca	ation		
		a)	Construc	ction p	hase (v	vith Bre	ak-up):				
Serial Number	Attributos Paramoto					Total (Cost pe	r annu	m (Rs. In I	acs)		
1		for Dust ression	Dust c	ontrol	ol			3.0	3.0			
2		e Sanitation, Safety & Disinfection Work			alth 4.0							
3	-	nmental toring	Air, Water, Sampling			4.0						
4	Hoalth ('bock up			Routine Health eckup of Workers			2.0					
		b) Operati	ion Ph	ase (wi	th Breal	k-up)	:				
Serial Number	Component Description					Capital cost Rs. In LacsOperational and Maintenand cost (Rs. in Lacs/yr)						
1		Treatment ant	Sewage treatment			108		22.85				
2		waste Jement		posal of Wer and Dry waste		45		2.95				
3	Land	scape	No. 1	een belt eopment		105		6.0				
4		harvesting	Infrastuctu			39.13		1.5				
5		Saving	Energy savi Enviror	-		227		27.2				
6		jement	monit		N	Not applicable		6				
51.S	torage	of che	micals		amabl stance	_	osive	e/haz	zardou	s/toxic		
						Maximum Quantity						
Descri	ption	on Status Location		1	Storage Capacity in MT	of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation		
Not ann	Not applicable Not applicable		Not applica	ble	Not applicable	Not applicable Not a		plicable	Not applicable	Not applicable		


52.Any Other Information No Information Available **53.Traffic Management** Nos. of the junction to the main road & No. of Junction 2 design of confluence: Building 2 - 1 Basement, Building 3 - Two Level Basement, Total Area Number and area of basement: of Basement: 20,623.74 m2 Number and area of Two podium (Podium / Stilt) for both 2 and 3 Building, Area of Podium : podia: 17121.86 m2 , Area of Stilt : 14823.14 m2 **Total Parking area:** Total Car Parking Area - 35079.98 m2 Ranging From 13.60 m2 to 28.48 m2 for ground, basement, podium and Area per car: stilt. Ranging From 13.60 m2 to 28.48 m2 for ground, basement, podium and Area per car: stilt. Number of 2-**Parking details:** Wheelers as approved by 251 Nos. competent authority: Number of 4-Wheelers as approved by 1848 Nos. competent authority: **Public Transport:** Not applicable Width of all Internal 6 m to 7.5 m roads (m): **CRZ/ RRZ clearance** Not applicable obtain, if any: **Distance from** Protected Areas / **Critically Polluted** Sanjay gandhi national parkt - 4.9 Km areas / Eco-sensitive areas/ inter-State **boundaries** Category as per schedule of EIA 8 a (B1) **Notification sheet Court cases pending** Not applicable if any **Other Relevant** Not applicable Informations Have you previously submitted Yes **Application online** on MOEF Website. Date of online 27-11-2015 submission Brief information of the project by SEAC



Minutes of 51st SEAC-2 meeting :

Representative of PP, Jaisingh Dave & Architect Manoj Dahsaria were present during the meeting along with environmental consultant M/s ABC Techno labs P L.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that project was earlier considered in 42nd & 50th meetings of SEAC II. PP submitted EIA report. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed PP stated that total plot area is 1,23,647.25 m2 & total construction area of the project is 1,90,533.95 m2. Committee noted that the project under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC

During discussion following points emerged:

1. PP to submit revised HRC NOC.

2. PP, if applicable, to obtain NOC from Wild Life Board in terms of OM of MoEF dated 30/03/2015. Further, it is informed that part of the project falls within 4.9 km of SGNP. PP & concerned Municipal Corporation to ensure the compliance of the NGT order dated 03/12/2015 in the application MA.No.125/2014 before issuing commencement certificate for further construction permissions in the area.

- 3. **PP** as agreed to provide 30 air exchangers & air cleaning system in the basement.
- 4. PP to submit revised Disaster Management plan.
- 5. No cutting & filling
- 6. **PP to submit revised social economic status of the projects.**

7. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION

Specific Conditions by SEIAA:

FINAL RECOMMENDATION



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 74 of 262 (Chairman SEIAA)

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

SHAMAGER DA.



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 75 of 262 (Chairman SEIAA)

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Envirobmental Clearance for Proposed Redevelopment of BIT Chawl No. 01 to 06 at Property bearing C.T. S. No. 427 & 2/430 of Bhuleshwar Division of C Ward Chira Bazar Chandanwadi, Mumbai. Maharashtra by M/s. Valencia & Mishal Ventures Pvt. Ltd.

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

1.Name of Project	Valencia & M	fishal Ventures Pvt. Ltd.				
2.Type of institution	Private					
3.Name of Project Proponent	Aatif Yakub,	VALENCIA & MISHAL VENTURES PVT. LT	ſD.			
4.Name of Consultant	Dr. D. A. Pati	il; Mahabal Enviro Engineers Pvt. Ltd.				
5.Type of project	Redevelopme	ent project	10			
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Re	development of BIT Chawl No. 01 to 06	0,2			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	000					
8.Location of the project Property Bearing C.T. S. No. 427&2/430, Chira Bazar Chandanwadi, Of Bhuleshwar Division C Ward, Mumbai, Maharashtra.						
9.Taluka	Mumbai					
10.Village	Bhuleshwar I	Division of C Ward Chira Bazar Chandanwa	ıdi			
11.Area of the project	Municipal Corporation of Greater Mumbai (MCGM)					
	LOI Received from MCGM dated. 19.03.2016					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Co	ncession/Plan Approval Number: LOI Re	eceived from MCGM dated. 19.03.2016			
Approval Number	Approved B	uilt-up Area: 35125.74				
13.Note on the initiated work (If applicable)	No work has been initiated					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI Received	from MCGM dated. 19.03.2016				
15.Total Plot Area (sq. m.)	9,168.13 m2					
16.Deductions	Nil					
17.Net Plot area	9,168.13 m2					
	a) FSI area (sq. m.): 35125.74 m2					
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI	area (sq. m.): 45498.26 m2				
	c) Total BUA area (sq. m.): 91929.92 m2					
19.Total ground coverage (m2)	4950.79 m2					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	54.01%					
21.Estimated cost of the project 303000000						
22.Num	ber of l	buildings & its config	guration			
Serial number Building Name & 1	number	Number of floors	Height of the building (Mtrs)			
1 Rehab Building · Build	ling No. 1	(Wing A, B, C & D): Gr/St+22nd	68 m			

number	number			g(g(
1	1 Rehab Building : Building No. 1		(Wing A, B, C & D): Gr/St+22nd Floors)	68 m
2	Rehab Building : Building No. 2		Gr/St +17th (pt) Floors	68 m
3	3 Sale building		2B+Gr+8P+ST+33rd Floors	143.55 m
23.Numbe tenants an			s of flats. Sale Building: 139 nos of fla al Clinic and Municipal Dispensary an	



24.Number expected re users		Rehab Build	Rehab Building Population: 3,655 Nos; Sale Building Population: 695 Nos.						
25.Tenant per hectare		921/ha							
26.Height building(s)									
27.Right of (Width of t from the ne station to t proposed b	he road earest fire he	29.30 m wic	le Shamalda	s Gandhi ma	rg from South side and 1	3.40 m wide Chandan Wadi Road.			
for easy ac fire tender movement around the excluding t	28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation								
29.Existing structure (Yes, The existing 6 Residential buildings, Municipal Clinic Building, Society Office, B.M.C house will be demolished.							
30.Details of the demolition with disposal (If applicable) The existing buildings will be demolished. Demolition Quantity:				ty: 5200 m3					
			31. P	roduct	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not apj		Not ap		Not applicable	Not applicable			
					Requiremen				
		Source of v Fresh wate		Municipal C 382	orporation of Greater M	umbai (MCGM)			
		Recycled w Flushing (ater -	197					
		Recycled w Gardening		3					
		Swimming make up ((-					
Dry season	Dry season:		er ent (CMD)	576					
5		Fire fightin Undergrou tank(CMD)	nd water	As per CFO NOC					
		Fire fightin Overhead w tank(CMD)	water	As per CFO NOC					
		Excess trea	ated water	335					



		Source of	water	Municipal (Corporation (of Greater M	umbai (MCC	GM)		
		Fresh wate		321						
		Recycled v Flushing (194						
		Recycled v Gardening		0						
		Swimming make up (-						
Requires : Fire figh Undergr		Total Wate Requireme :		576						
		Fire fighti Undergrou tank(CMD	ind water	As per CFO	NOC			6		
		Fire fighti Overhead tank(CMD	water	As per CFO	NOC					
		Excess tre	ated water	335						
Details of 9 pool (If any		NA								
		3	3.Detail	s of Tota	l water o	onsume	d			
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)		E	ffluent (CM	D)	
Water Require ment	Existing	Proposed	Total	Existing	Existing Proposed Total		Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
		Level of th water tabl		4-5 m						
			Size and no of RWH tank(s) and Ouantity:		RWH : 3 tanks will be provided with total capacity 122 m3					
		Location o tank(s):	f the RWH	Rehab:- Below Ground; Sale:- Below Ground						
34.Rain V Harvestir		Quantity o pits:	f recharge	NA						
(RWH)		Size of rec	harge pits	NA						
	SY	Budgetary (Capital co	allocation ost) :	28 Lakh						
		Budgetary (O & M co	allocation st) :	2 Lakh/Year						
		Details of if any :	UGT tanks	Rehab:- Un Sale:- Unde						
35 Storm	35 Storm water		ater attern:	Towards we	est side					
			f storm	1060 m3/hr						
Size of SWD:			600 mm dia SWD							
Shri Satish.M.Gavai (Member Secretary SEIAA)				No: SEIAA N g Date: May			ge 78 Shri.	ind B. Ki Anand Kulka irman SEIAA	arni	

		Sewage ge in KLD:	neration	537 KLD					
		STP techn	ology:	MBBR Technology					
Sowago	bne	Capacity o (CMD):	f STP	Sale STP: 475 KLD; Reh	ab STP: 100 KLD				
Sewage and Waste water		Location & the STP:	area of	Rehab:- Ground; Sale:- (Ground				
		Budgetary (Capital co	allocation ost):	121 Lakh					
		Budgetary (O & M cos	allocation st):	23 Lakh/Year					
			86.Soli	d waste Mana	gement	5			
Waste gene	eration in	Waste gen	eration:	Construction debris: 2,6	33 m3; Demolition waste	e: 5,200 m3			
the Pre Cor and Constr phase:	nstruction	Disposal o constructi debris:		The construction debris, "Construction and Demo Disposal) Rules 2006.					
		Dry waste:		854.4 kg/day					
		Wet waste	•	1281.6 kg/day					
Waste gei	neration	Hazardous	waste:	NA					
in the ope Phase:		Biomedica applicable		200 kg/month					
			e (Dry	5 m3/day					
		Others if a	ny:	NA					
		Dry waste:		Dry garbage will be seg	regated & disposed off to	o recyclers			
		Wet waste	:	Wet garbage will be composted using Mechanical Composting and used as organic manure for landscaping.					
Mode of I	Disposal	Hazardous	waste:	NA					
of waste:		Biomedica applicable		Biomedical waste will be handed over to MPCB & MCGM authorized vendor for disposal as per Biomedical Waste Handling rules 2016					
		STP Sludg sludge):	e (Dry	Sludge use as manure for gardening					
		Others if a	0	NA					
		Location(s	· · · · · · · · · · · · · · · · · · ·	Rehab:- Ground; Sale:- Ground					
Area requireme	e nt:	Area for th of waste & material:		Ground	Ground				
	GY	Area for m	achinery:	50 m2					
Budgetary		Capital cos	st:	52 Lakh					
(Capital cost): O&M cost):		O & M cos	t:	21 Lakh/year					
			37.Ef	fluent Charectere	estics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	Not apj	plicable	Not applicable	Not applicable	Not applicable	Not applicable			
Amount of effluent generation Not application			Not applica	ıble					



Capacity of	the ETP:		Not ap	oplica	ble							
Amount of t recycled :	reated efflu	ent	Not ap	oplica	ble							
Amount of v	vater send t	o the CETP:	Not ap	oplica	ble							
Membershi	p of CETP (ii	f require):	Not applicable									
Note on ET	P technology	v to be used	Not ap	oplica	ble							
Disposal of	the ETP sluc	lge	Not ap	oplica	ble							
			38	B.Ha	zardous	Was	ste D	etails				
Serial Number	Descr	iption	Ca	t	UOM	Existing Proposed Total		Method of Disposal				
1	Not ap	plicable	No ⁻ applica		Not applicable	N appli		Not applicable	N appli		Not applicable	
			39	9.St	acks em	issio	n De	etails			23	
Serial Number	Section	& units			ed with ntity	Stac	k No.	Height from ground level (m)	diam	rnal leter n)	Temp. of Exhaust Gases	
1	Not ap	plicable	No	ot app	plicable	N appli		Not applicable	N appli		Not applicable	
			40	.De	tails of F	uel	to be	e used				
Serial Number	Tyr	e of Fuel			Existing			Proposed			Total	
1	Not	applicable		N	lot applicabl	е	I	Not applicabl	le		Not applicable	
41.Source c	of Fuel]	Not a	pplicable							
42.Mode of	Transportat	ion of fuel to	site 1	Not a	pplicable							
		Total RG a	rea :		RG on grou	nd : 74	1.51 i	m2				
		No of trees	s to be cut NO trees w			ill be c	ut					
43.Gree	n Belt	Number of be planted										
Develop	ment	List of pro native tree		osed as below								
		Timeline f completion plantation	n of		2 Years							
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in	the g	ground	
Serial Number	Name of	the plant	Сот	mmo	n Name		Qua	ntity	Ch		eristics & ecological importance	
1	Albizia	lebbeck		Shi	rish		1	0	S		ree, yellowish green agrant flowers	
2	Mimuso	ps elengi		Ba	kul		1	0	Shady tree, small white fragrant flowers			
3		ies arbor- stis		Parij	atak		1	10 Small deciduous fast growing beautiful flowrers.				
4	Caryot	a urens	Fi	ish ta	il palm		8	3		Tal	l evergreen tree	
5	Michelia	champaca		Son o	chafa	7 Medium sized evergreer 7 fragrant yellow flowers, B host plant			ellow flowers, Butterfly			

Shri Satish.M.Gavai (Member Secretary SEIAA)

Ans

SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 80 of 262 Shri. Anand Kulkarni (Chairman SEIAA)

6	Areka I	Katechu	S	upari	1	0	Tall evergreen tree	
45	.Total qua	ntity of plan	ts on gro	und				
46.Num	nber and	list of sl	nrubs a	nd bushes	s species	to be pl	anted in the podium RG:	
Serial Number		Name		C/C Dista	C/C Distance Area m2			
1		NA		NA			NA	
				47.EI	nergy			
		Source of p supply :	oower	BEST				
		During Co Phase: (De Load)		n 250 kVA	250 kVA			
		DG set as back-up du construction	iring	250 kVA			005	
Dor	107	During Op phase (Cor load):		7.5 MW				
Power requirement: phase		During Op phase (Der load):		4.49 MW		0	3	
	Transformer: DG set as Power back-up during operation phase:		-	C				
			Capacity of x 350 kVA	DG sets will	be provided	l to Rehab: 1 x 625 kVA and Sale: 1		
		Fuel used:		HSD				
		Details of I tension lin through th any:	e passing	No	No			
		48.Ene	rgy sav	ing by no	n-conven	tional n	nethod:	
? Energy eff ? Solar light ? Use of hig ? Common A	ficient lighti ting on stree h energy eff Area lighting	ng using T5 l et and RG are ficient pumps g through Sol	amps, CFI a for fire fig ar PV Pan	ghting, UG tan	ks and STP	ft Lobby, To	ilets & Core area Passages	
		4	9.Detai	l calculati	ons & %	of savin	g:	
Serial Number	È	nergy Cons	ervation N	Measures			Saving %	
1	$\hat{\mathbf{P}}$	Total Ene	rgy Saving	ſ 36%		Tot	tal Energy Saving 36%	
2	16 %	Savings thro	ough Rene	wable energy		16 % Savin	ngs through Renewable energy	
	50.Details of pollution control Systems							
Source	Ex	isting pollu	tion cont	rol system		Pro	posed to be installed	
Not applicable		Not	applicable				Not applicable	
Budgetary		Capital cos	st:	35 Lakh				
(Capital O&M		O & M cos		1.5 Lakh/Ye	ear			

Alama		Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	Shri. Anand Kulkarni
(Member Secretary SEIAA)	Meeting Date: May 2, 2017	(Chairman SEIAA)

51.Environmental Management plan Budgetary Allocation									
	a)	Construction pha	se (with Break-u	ip):					
Serial Number	Attributes	Parameter	Total Cost p	eer annum (Rs. In Lacs)					
1	Water spray for dust suppression	-	4						
2	Site sanitation (Toilets)	-		4					
3	Environmental Monitoring	(As per the CPCB guidelines through MoEF Approved laboratories – Ambient Air-RSPM, PM2.5, SO2, NOX, CO), Noise: Leq day time and Night Time)		3					
4	Potable Water Supply to Labour Camp	-		5					
5	Health check-up & first aid	-		5					
6	Safety Personal Protective Equipment	(Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)	12						
7	Traffic Management	(Sign Boards, Persons at entry exit and Parking area)	.05	3					
8	Safety nets	-		14					
9	Tyre cleaning and Vehicle maintenance	-		3					
10	Solid Waste Management & Site maintenance activity			4					
11	Safety - Training to Workers (Twice in Year), Safety Officer			8					
	b) Operation Phas	e (with Break-up):					
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)					
1	STP (Tertiary)	Continuous O & M Environment Monitoring: Monthly, STP outlet water quality for pH, BOD, COD, SS and O & G	121	23					
2	Solar Hot water and Solar Street Light	Weekly	35	1.5					
3	Solid waste management	Continuous O & M Environment Monitoring: Monthly to assess the compost quality	52	21					



4	Rainwater	harvesting	During rai (cleaning o and filtra before rain	of UG tai tion unit	nks ts	28		2		
5	Land	scape	Da	ily		15			3	
51.S	storage	of che	emicals			-	osive	e/haz	zardou	s/toxic
				sub	stance	es)			-	
Description		Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	mption nth in IT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not ap	plicable	Not applicable	Not applicable
			52.A	ny Ot	her Info	rmation	1			
No Informa	tion Availab	le								
			53.	Traffi	c Manag	gement				
	Nos. of the junction to the main road & design of confluence:			The project site is accessed by 29.30 m wide Shamaldas Gandhi Marg from south side and 13.40 m wide Chandan Wadi Road from north.						
		Number a basemen	and area of t:	2 Basement: 4755.82 m2						
		Number a podia:	and area of	8 Podium for Sale Building: 26008.08 m2						
		Total Par	king area:	23499.02 m2						
		Area per	car:	Basement :- 32.92 m2 Ground/Stilt:- 23.34 m2						
		Area per		Basement :- 32.92 m2 Ground/Stilt:- 23.34 m2						
Parking	details:	Number of Wheelers approved competer authority	as by nt	Nil						
		Wheelers approved	Number of 4- Wheelers as approved by competent authority:		426					
	CY	Public Tr	ansport:	-						
	Width of all Internal roads (m):			9 m						
		CRZ/ RRZ obtain, if	Z clearance any:	Project site is situated beyond 100 m CRZ Setback area from HTL of Back Bay as per approved CZMP and CRZ Notification, 2011						
		Distance Protected Critically areas / Ed areas/ int boundari	l Areas / Polluted co-sensitive cer-State	NA						



Category as schedule of Notification	IA 8 (a)						
Court cases if any	ending _{NA}						
Other Relev Information	nt NA						
Have you pr submitted Application on MOEF W	nline No						
Date of onlin submission	e -						
Brief in	Brief information of the project by SEAC						

Minutes of 51st SEAC-2 meeting :

Representative of PP, Aatif Yakub & Architect Poonam Naik were present during the meeting along with environmental consultant M/s Mahabal. PP submitted minutes of 113rd meeting of MCZMA for their project proposal. PP stated that the existing's buildings are in dilapidated condition and needs redevelopment. The existing 6 Residential buildings, Municipal Clinic Building, Society Office Religious Structure & BMC house will be demolished. Proposed redevelopment project consists of One Sale Building & Two Rehab Buildings.

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. PP stated that total plot area is 9,168.13 m2 & total construction area proposed in this meeting of the project is 91,929.92 m2. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC



During discussion following points emerged:

1. PP as agreed to adjust stack parking to keep the evacuation time up to 20 minutes.

2. PP informed that they have not received HRC permission. PP to obtain same.

3. It is observed that STP is under the road. PP to provide adequate ventilation measures for the STP.

4. PP to submit light & ventilation analysis for entire stretch of floors of all buildings.

5. PP to provide remedial measures for provisions of adequate light & ventilation for the buildings D, E & F which are under shadow.

6. PP to provide air cleaning system in basements.

7. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon?ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION

Approved

Specific Conditions by SEIAA:

SHAA

1) Commencement Certificate will be issued by MCGM only after High Rise Committee accords permission to the project.

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Proposed Residential & Commercial Project â??Ambika estateâ?? At survey no. 7, 8, 9, 13 to 15, 19, 22 to 28, 30, 31 pt. & pardi (2) of Village borpada, Taluka: Bhiwandi, District: Thane, Maharashtra.

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort,Mumbai-01 Time : 10.00 AM

130 11001,	511 I .M.R	Jau, Port, M	iumpai-01	11111e : 10.00 AM					
1.Name of P	roject		Proposed Res	Proposed Residential & Commercial Project â??Ambika estateâ??					
2.Type of ins	stitution		Private						
3.Name of P	roject Propo	nent	Mr. Anup Shy	/am Karnani					
4.Name of C	onsultant		ABC Techno Labs India Private Limited						
5.Type of pr	oject		Residential &	Commercial Project		A			
		in existing iversification	New Project			0			
whether env	on/diversifica ironmental o tained for ex	learance	Not applicabl	e					
8.Location o	f the project	;	Survey no. 7, Bhiwandi	8, 9, 13 to 15, 19, 22 to 28, 30, 31	pt., & pardi (2)	of Village borpada, Taluka:			
9.Taluka			Bhiwandi						
10.Village			Borpada						
11.Area of tl	ne project		Mumbai Metr	ropolitan Region Development Aut	hority (MMRDA)				
			Development	Control Regulations for Bhiwandi	Surrounding No	tified Area.			
12.IOD/IOA/Concession/Plan Approval Number			IOD/IOA/Concession/Plan Approval Number: MMRDA Approval No. SROT/BSNA/2501/BP/Borpada-01/492/2017 dated 12.04.2017						
			Approved Built-up Area: 710433.304						
13.Note on t applicable)	he initiated	work (If	Not applicable						
	C / IOD from vals (If appli		Not applicable						
15.Total Plo	t Area (sq. m	ı.)	252289.0 m2						
16.Deductio	ns		49150.87 m2						
17.Net Plot	area		203138.13 m	2					
		(a) FSI area (sq. m.): 406901.53 m2						
18.Proposed Non-FSI)	Built-up Are	ea (FSI &	b) Non FSI area (sq. m.): 331897.19 m2						
			c) Total BUA area (sq. m.): 738798.72 m2						
19.Total gro	und coverag	e (m2)	100553.37						
	overage Perentage of plo		49.5 % of net plot area						
0.	d cost of the	project	1900000000						
21.13timuto				ouildings & its c	onfigura	tion			
Serial number	Buildin	ng Name & 1	number	Number of floors	Heig	pht of the building (Mtrs)			
1		52 Nos. of Bu Icluding Shoj		Ground/stilt + 18 Floor	s	54 Mtrs			
2	1 5	School Buildi							
23.Number tenants an	r of		-	s. & Shops: 40 nos.	I	••			
24.Number expected r users	r of	38474 User	'S						
Re	e n					Anand B. Kulkarni			

SEIAA Meeting No: SEIAA Meeting No. 110

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Shri. Anand Kulkarni

(Chairman SEIAA)

Shri Satish.M.Gavai

(Member Secretary SEIAA)

25.Tenant per hectare		1750-1900/	hector						
26.Height building(s)									
27.Right of (Width of t from the no station to t proposed b	he road earest fire he	30 Mtrs							
28.Turning for easy act fire tender movement around the excluding t for the plan	cess of from all building the width	7.5 mtrs to	2.5 mtrs to 9.0 mtrs						
29.Existing structure (Not applica	Not applicable						
30.Details demolition disposal (If applicable)	with f	Not applica	Not applicable						
	31.Production Details								
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not apj	plicable	Not apj	plicable	Not applicable	Not applicable			
		3	2.Tota	l Wate	r Requirement	,			
		Source of	water		er Distribution & Infrastru	cture Co. Pvt. Ltd./Recycled			
		Fresh wate		3286.0					
		Recycled w Flushing (1711.0					
		Recycled w Gardening		480.0					
		Swimming make up (Not applicable					
Dry season	:	Total Wate Requireme		5778.0					
		Fire fightin Undergrou tank(CMD)	nd water	100 Cum for each wing/building					
SY		Fire fightin Overhead tank(CMD	water	25 Cum for each wing/building					



		Source of	water	STEM Wate	er Distributio	on & Infrastr	ucture Co. P	vt. Ltd./Recy	rcled			
		Fresh wate	er (CMD):	3286.0								
		Recycled w Flushing (1711.0								
		Recycled w Gardening		Not applicable								
		Swimming make up ((Not applica	ble							
Wet seaso	Wet season: Total Water Requirement (CMD) :		-	5298.0								
1		Fire fightin Undergrou tank(CMD)	nd water	100 Cum fo	100 Cum for each wing/building							
		Fire fightin Overhead v tank(CMD)	water	25 Cum for each wing/building								
		Excess trea	ated water	2241.0								
Details of s pool (If an		Not applica	ble			C						
		3	3.Detail	s of Tota	l water o	onsume	d					
Particula rs	Cons	sumption (C	EMD)		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			

SHAAA



	Level of the Ground water table:	0.50 m to 6.00 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	208 Nos.
	Size of recharge pits :	2.5 Mtrs of Diameter with Area of 4.906 m2
34.Rain Water	Budgetary allocation (Capital cost) :	14.5 Lakhs
Harvesting (RWH)	Budgetary allocation (O & M cost) :	1.5 Lakhs / Annum
		Common UG tank for Phase 1: i. Domestic Water tank Capacity: 810 m3 ii. Flushing Water tank Capacity: 409 m3 iii. Fire Fighting tank Capacity: 100 m3 for each bldg.
	Details of UGT tanks if any :	Common UG tank for Phase 2: i. Domestic Water tank Capacity: 1918 m3 ii. Flushing Water tank Capacity: 978 m3 iii. Fire Fighting tank Capacity: 100 m3 for each bldg.
		Common UG tank for Phase 3: i. Domestic Water tank Capacity: 558 m3 ii. Recycled Water tank Capacity: 324 m3 iii. Fire Fighting tank Capacity: 100 m3 for each bldg.
	Natural water drainage pattern:	As per gravity
35.Storm water drainage	Quantity of storm water:	3324 mm
	Size of SWD:	1000 mm x 600 mm
	Sewage generation in KLD:	4295.0 KLD
	STP technology:	Moving Bed Biofilm Reactor (MBBR)
Sewage and	Capacity of STP (CMD):	7 STP's of 4725 KLD Capacity
Waste water	Location & area of the STP:	Above Ground
	Budgetary allocation (Capital cost):	1248 lakhs
	Budgetary allocation (O & M cost):	125 lakhs/annum
	36.Soli	d waste Management
Waste generation in	Waste generation:	13000 cum
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Used for Leveling Purpose
	Dry waste:	5041 Kg/day
	Wet waste:	11620 kg/day
	Hazardous waste:	Spent oil or oil grease for DG sets, paints etc.
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not Applicable
I HUSU.	STP Sludge (Dry sludge):	43 kg/day
	Others if any	Not Applicable

		Dry waste:		Handed ove	er to au	uthoriz	ze vendor for	r furth	er han	dling and disposal.	
		Wet waste								te Convertor.	
		Hazardous	waste:				zed Vendor/F	0			
Mode of l of waste:	Disposal	Biomedica applicable		Not Applica	Not Applicable						
		STP Sludg sludge):	e (Dry	Will be used as manure for gardening							
		Others if a	ny:	Not Applica	able						
		Location(s):	On ground							
Area requirem	ent:	Area for th of waste & material:		285 m2							
		Area for m	achinery:	3000 Sq. ft							
Budgetary		Capital cos	st:	146.25 lakł	IS						
(Capital co O&M cost)		O & M cos	t:	15 lakhs / A	nnum						
			37. E	ffluent C	hare	cter	estics				
Serial Number	Paran	neters	Unit	Inlet E Charect			Outlet I Charect		P	Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicable	Not ap	plicabl	e	Not apj	plicabl	e	Not applicable	
Amount of e (CMD):	effluent gene	ration	Not applic	able							
Capacity of	the ETP:		Not applic	able	ble						
Amount of t recycled :	reated efflue	ent	Not applic	able	àble						
Amount of v	vater send to	o the CETP:	Not applie	able							
Membership	o of CETP (if	require):	Not applie								
Note on ETI	P technology	to be used	Not applic								
Disposal of	the ETP sluc	lge	Not applie	able							
			38.H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	Not app	olicable	Not applicable	Not applicable	N appli		Not applicable		ot cable	Not applicable	
			39.5	tacks em	issio	n De	etails				
Serial Number	Section	& units		sed with antity	Stacl	k No.	Height from ground level (m)	dian	rnal ieter n)	Temp. of Exhaust Gases	
1	Not apj	olicable	Not a	oplicable	N appli		Not applicable		ot cable	Not applicable	
			40.D	etails of H	uel	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	e	Ν	lot applicabl	е		Not applicable	
41.Source o	f Fuel		Not	applicable							
42 Mode of	Transportat	ion of fuel to	site Not	applicable							



		Total RG a	rea :	49167.85 m	12					
		No of trees	s to be cut	Not applica	ble					
42.0		Number of be planted		2945 Nos.	2945 Nos.					
	43.Green Belt Development		List of proposed native trees :		Delonix regia, Bahinia blackiana, Casurina, Cassia fistula, Melia azedarach, Pritchardia passifica, Saraca indica, Tabebuia rosea, Plumeria alba, Albizia saman, Neolamarckia cadamba, Barringtonia asiatica , Pongamia pinnata					
		Timeline for completion plantation	1 of	With compl	eation of con	struction ph	lase			
	44.Nu	mber and	l list of t	trees 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	Deloni	x regia	Guln	nohar	31	.4	Evergreen tropical, Drought tolerant			
2	Bahinia I	blackiana		ng Orchid ree	24	12	Evergreen flowering medicinal tree, Bark used in dye			
3	Cası	urina Whistlin		ng Pine 134		34	Evergreen tropical, Drought tolerant			
4	Cassia	fistula	Amaltas	altas/ Bahava		13	Semi-deciduous tropical tree, Flowering, Drought tolerant, Flowers are attractive to bees and butterflies,			
5	Melia az	zedarach	India	1 Lilac 1		91	Deciduous tree, Evergreen flowering, Drought tolerant			
6	Pritchardi	a passifica	Fiji Fa	n Palm	189		Evergreen Palnt			
7	Saraca	indica	Sita	Ashok	171		Evergreen tropical, flowering medicinal tree			
8	Tabebu	ia rosea	Pink Trui	mpet Tree	25	56	Evergreen deciduous Flowering, Drought tolerant			
9	Plume	ria alba 🔹	Cha	mpa	88	33	Evergreen flowering			
10	Albizia	saman	Rain	Tree	4	5	Evergreen deciduous Flowering, Drought tolerant			
11		narckia amba	Kada	amba	12	23	Evergreen flowering medicinal tree, Drought tolerant			
12	Barrington	nia asiatica	Samud	raphool	6	4	Evergreen flowering			
13	Pongami	a pinnata	Kai	ranj	9	5	Evergreen flowering			
45	.Total qua	ntity of plan	its on grou	nd						
46.Num	nber and	list of sl	nrubs an	d bushes	s species	to be pla	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1	Not	applicable		Not applic	able		Not applicable			
				47.Eı	nergy					



		Source of p supply :	oower	Torrent Pov	ver Co	mpany Ltd.			
		During Con Phase: (De Load)		18960 KW					
		DG set as I back-up du constructio	ıring	82.5 kVA x 5 Nos.					
	During Operation phase (Connected load):Power requirement:During Operation phase (Demand load):		41277 KW						
				18960 KW					
		Transform	er:	1. Residential = 1000 kVA x 5 Nos. School Building = 630 x 1 Nos., 2 Residential = 990 kVA x 11 Nos. Commercial Building = 1000 x 1 No 3. 1000 kVA x 3 Nos.					
		DG set as I back-up du operation	ıring	82.5 kVA x 13 Nos. + 1 for school, 82.5 kVA x 23 Nos. & 83.5 kVA x Nos.					
		Fuel used:		High Speed	Diese	1			
	Details of high tension line pa through the pla any:		e passing	Not applicable					
48.Energy saving by non-conventional method:									
Percentage	of Saving : I	Phase I: 12. %	% , Phase II:	11.4 % Phas	e III: 1	3.0 %			
		49	9.Detail	calculati	ons	& % of s	aving:		
Serial Number	Е	nergy Conse	ervation M	easures) *		S	aving %	
1	inside the s of VFD a pumps wit panel, Use LED with	flat, LED ligh nd APFC par h 90% efficie of MBBR typ	nts for all con- nels with lift: ency and wit e STP with V for Street li	ghts and CFLs nmon areas, Use s, Use of Water h VFD and APFC /FD panel, Use of ghting & Use of uroom per flat					
		50.	Details	of pollut	ion c	ontrol S	ystems		
Source	Ex	isting pollu	tion contro						
Not applicable		Not	applicable				Not	applicable	
Budgetary		Capital cos	st:	160 Lakhs					
(Capital O&M		O & M cost	t:	30 Lakhs/annum					
51	.Enviro	onment	al Mar	nageme	ent]	plan Bu	ıdgeta	ry Allocation	
		a) (Construc	ction pha	ise (with Bre	ak-up):		
Serial Number	Attri	butes		neter				num (Rs. In Lacs)	
1		for Dust ession	Dust o	control			4	.0	
2		tion, Safety afection	Workers	s Health			4	.0	
Shri Satish. (Member Se		To: SEIAA Meeting No. 110 Date: May 2, 2017 Page 92 of 262 Shri. Anand Kulkarni (Chairman SEIAA)							

3		onmental nitoring	Air, Water, Nois sampling & tes					5.0		
4	Health	Health Check up Routir checkup						3.0		
		k) Operation	Phas	e (wi	th Brea	k-up):		
Serial Number	Con	iponent	Descriptio	iption					tional and ost (Rs. in	Maintenance Lacs/yr)
1		STP	Waste water trea	atment		1248			125.)
2		d Waste agement	Disposal of So waste	oild		146.25			15.0	
3	Rain Wat	er Harvesting	RWH infrastru	cture		14.5			15.0	
4	Land	lscaping	Green belt deveopmen			811.0			125.	0
5	Irr	igation	Landscape irrig	gation		124.87			8.0	
6	Energy sa	iving features	Installation Energy saving featurs			160			30.0	
7		ronmental Air, Water, 2 onitoring sampling			N	Not applicable			06.0	
01.0	torug		emicals (in su		ance	es)		C/ IIU	Luiuou	
Descrij	ption	Status	Location	Location Sto Caj in		Maximum Quantity of Storage at any point of time in MT	/ Mo	umption onth in MT	Source of Supply	Means of transportation
Not appl	licable	Not applicable	Not applicable		Not olicable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.Any	Othe	r Info	rmation	1			
No Informa	tion Availa	ble								
			53.Tra	ffic N	/Ianag	gement				
Nos. of the junction to the main road & design of confluence:										



	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Total Car Parking Area : 180000 m2
	Area per car:	28.5 m2
	Area per car:	28.5 m2
Parking details:	Number of 2- Wheelers as approved by competent authority:	1710 Nos.
	Number of 4- Wheelers as approved by competent authority:	6015 Nos.
	Public Transport:	Not applicable
	Width of all Internal roads (m):	12 Mtrs
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Nil in 10 Km area around the project site
	Category as per schedule of EIA Notification sheet	8 a (B1)
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	20-02-2016
	Brief informa	tion of the project by SEAC
Minutes of 50th SEAC	C-1 meeting :	

PP submitted CFO NOC dated 20/09/2016. The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that the project is earlier considered in 45th meeting of SEAC II in which ToR was issued. PP submitted EIA report. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 2,52,289 m2 & total construction area proposed in this meeting of the project is 7,38,798.72 m2. PP agreed to submit socio-economic studies for the project. PP also agreed to submit revised solid waste management plan including collection, disposal, treatment etc. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC



EIAA) SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Of 262 (Chairman



During discussion following points emerged:

1. It is observed that there are no sewer lines & no storm water drainage lines constructed up to the project site. Therefore, PP to ensure that no possession shall be given before completion of the sewer lines & storm water drainage line and permission for the connection to the same by the competent authority. Local body to ensure the same. PP to ensure that no possession shall be given before completion & connection to sewer lines, storm water drainage lines & water supply.

2. PP stated that excess treated water will be given to Bhiwandi Municipal Corporation for road washing. PP to submit agreement/back to back commitment for the same from the Bhiwandi Municipal Corporation.

3. PP to submit letter of commitment for drinking water to the project from Municipal Corporation.

4. Further, PP informed that entire treated water should be reused / recycled to ensure the zero discharge. PP to submit details accordingly. PP to submit detailed water budget indicating fool proof mechanism achieving zero discharge including treatment mechanism. PP to ensure that no treated or untreated sewage water should be released in storm water drainage lines or in nearby water bodies.

5. PP to ensure that BOD of the treated water should be 5 mg/lit.

6. Proper design of storm water drainage considering entire project area should be done to ensure that it should not overload outside storm water drain & submit along with storm water drainage calculations. Storm water drainage should be designed as per guidelines given in SP:IRC-50.

7. PP to submit contour map with all services and building plans to evaluate contour cutting and environmental issues. PP to submit contour plan by superimposing layout plan & storm water drainage lines.

8. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION

1. PP to submit required documents. Deferred until then

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 95
of 262Shri. Anand Kulkarni
(Chairman SEIAA)

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for New Residential Construction Project

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

130 1 1001,	SII I .IMI.IKOdu, I'OIt IV	iumpai-01	11111E . 10.00 AM				
1.Name of P	Project	Kalpataru Rej	juve				
2.Type of ins	stitution	Private					
3.Name of P	roject Proponent	Mr. Jayant Os	swal				
4.Name of C	Consultant	M/s. Saitech	Research & Development Organization				
5.Type of pr	oject	Housing proje	ect with Residential & Commercial (In Ar	nenity) development			
	ct/expansion in existing ernization/diversification project	New project		5			
whether env	on/diversification, rironmental clearance tained for existing	No expansion					
8.Location o	of the project	Gat No. 26(P)), 27/2, 82, 89, 91(P) & 92				
9.Taluka		Maval	(
10.Village		Dongargaon					
11.Area of tl	he project	Pune Metropo	olitan Regional Development Authority (F	PMRDA)			
		Potential San	ction obtained vide No. PMA/NA/SR/1683	110 dated 26/11/2010			
	12.IOD/IOA/Concession/Plan Approval Number		IOD/IOA/Concession/Plan Approval Number: Potential Sanction obtained vide No. PMA/NA/SR/168110 dated 26/11/2010				
		Approved Bu	uilt-up Area: 56605				
13.Note on t applicable)	the initiated work (If	No work has been initiated					
	C / IOD from MHADA/ vals (If applicable)	Not Applicabl	ot Applicable				
15.Total Plo	t Area (sq. m.)	1,79,320.00 Sqm					
16.Deductio	ns	16,080.82 Sqm					
17.Net Plot	area	1,63,239.18 Sqm					
10 D		a) FSI area (sq. m.): 39,849.98 Sqm					
18.Proposed Non-FSI)	l Built-up Area (FSI &	b) Non FSI a	area (sq. m.): 29,038.96 Sqm				
		c) Total BUA area (sq. m.): 68,888.94 Sqm					
19.Total gro	ound coverage (m2)	22,972.42 Sqm					
	coverage Percentage (%) entage of plot not open	12.81 % of total Plot Area					
21.Estimate	d cost of the project	250000000					
	22.Num	ber of k	ouildings & its confi	iguration			
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)			
1	Residential A Type Vill	as 128 No.	P + Stilt+ 1	10.10 m.			
2	Residential B Type Vil	las 29 No.	P + Stilt+ 1	10.10 m.			

3Amenity Space 1: C Type (school) -
1 No.Ground + 18.85 m.4Amenity Space 2: F Type
(Commercial)- 1 No.Ground + 110.05 m.5D Type (Club House 1- in Open
Space 2)- 1 No.Ground5.10 m



6		Club House 2 pace 3)- 1 N			Ground	5.25 m			
23.Number tenants and		Residential Shops-5 No							
24.Number expected re users		Residential 2085 Nos.	Users - 785	Nos. Comme	ercial Users - 300 Nos. So	chool - 1000 Nos. Total Population :			
25.Tenant per hectare		9 Tenement	: / hectare						
26.Height (building(s)									
27.Right of (Width of t from the no station to t proposed b	he road earest fire he	fire Nearest Fire Station at Lonavaia & width of the road from the hearest fire station to the proposed building - 40 m & 30 m wide R.P. road abutting to site							
28.Turning for easy act fire tender movement around the excluding t for the plan	cess of from all building the width	Turning radius for easy access of fire tender movement from all around the building is 9 m.							
29.Existing structure (No existing structure							
30.Details demolition disposal (If applicable)	with f								
			31. P	roduct	ion Details				
Serial Number	Pro	luct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not Apj	plicable	Not Ap	plicable	Not Applicable	Not Applicable			
		3	2.Tota	l Wate	r <mark>Requiremen</mark>	t			
		Source of	water	Lonavla Mu	nicipal Council				
		Fresh wate	, ,	110.65					
		Recycled v Flushing (67.83					
		Recycled v Gardening		88					
	CV	Swimming make up (10					
Dry season	:	Total Wate Requireme :		276.48					
		Fire fighti Undergrou tank(CMD	ind water	Not Applicable					
		Fire fighti Overhead tank(CMD	water	Not Applica	ble				
		Excess tre	ated water	0					



	Source of water			Lonavla Municipal Council							
		Fresh water	(CMD):	110.65							
		Recycled wa Flushing (CM		67.83							
	Recycled water - Gardening (CMD):			0							
		Swimming p make up (Cu		10							
Wet seasor	1:	Total Water Requiremen :	t (CMD)	188.48							
		Fire fighting Underground tank(CMD):		Not Applica	ble			5			
		Fire fighting Overhead wa tank(CMD):		Not Applica	ble						
		Excess treat	ed water	87.71							
Details of 9 pool (If any		• Dimension of m 3/day• Wat						equirement in 1	KL: 94.00		
		33	.Detail	s of Tota	l water co	nsume	d				
Particula Consumption (CMD)				Loss (CMD) Effluent (CMD)							
Particula rs	Cons	sumption (CM	ID)	І	Loss (CMD)		Ef	fluent (CMD))		
	Cons Existing	Sumption (CM	ID) Total	I Existing	Loss (CMD) Proposed	Total	Ef Existing	fluent (CMD) Proposed	Total		
rs Water Require						Total 16.95					
rs Water Require ment	Existing	Proposed	Total	Existing	Proposed		Existing	Proposed	Total		

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(Member Secretary SEIAA)SEIAA Meeting No: SEIAA Meeting No. 110
Meeting Date: May 2, 2017Page 98
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	Level of the Ground water table:	Summer Season - 20.20 m. to 26.00 m. BGL. (23.10 BGL Average), Rainy Season - 8.20 m. to 15.60 BGL. (11.90 BGL Average), Winter Season - 14.20 m. to 20.80 m. BGL. (17.50 BGL Average)
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	20 Nos., 1 No. of soak pit and Roof top rain water collection tank of 3000 lit per tenement
34.Rain Water Harvesting	Size of recharge pits :	a) 20 No. of 2.0 m. X 2.0 m. X 2.0 m. Depth with 1.2 m. X 1.0 m. X 1.0 m. De-siltation pit & 60 m. deep 6" dia. bore well, b) 1 No. of 3.0 m. X 3.0 m. X 3.0 m. Deep soak pit. c) Roof top rain water collection tank of 3000 lit per tenement
(RWH)	Budgetary allocation (Capital cost) :	80 Lacs
	Budgetary allocation (O & M cost) :	2.50 Lacs/annum
	Details of UGT tanks if any :	Residential & commercial: • Domestic UG tank Capacity: 178.00 m3 • Flushing UG tank Capacity: 131.00 m3 • Fire UG tank Capacity: Not Applicable School: • Domestic UG tank Capacity :35.00 m3 • Flushing UG tank Capacity: 25.00 m3 • Fire UG tank Capacity : Not Applicable
	•	
	Natural water drainage pattern:	Towards South to North
35.Storm water drainage	Quantity of storm water:	104.02 m3/Sec
	Size of SWD:	900 mm dia
	Sewage generation in KLD:	1. For Residential and Commercial: 115.03 KLD 2. For School: 40.50 KLD
	STP technology:	MBBR
Sewage and	Capacity of STP (CMD):	1. For Residential and Commercial: 150 KLD 2. For School: 50 KLD
Waste water	Location & area of the STP:	1. For Residential and Commercial: Near transformer I, 63 Sq. m 2. For School: Near school, 42 Sq. m
GY	Budgetary allocation (Capital cost):	62.0 Lacs for STP and 8 Lacs for Pumping of treated water
	Budgetary allocation (O & M cost):	9.25 Lacs/annum for STP and 0.50 Lacs/annum for Pumping of treated water
	36.Solie	d waste Management
Waste generation in	Waste generation:	50 Kg/day
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Use for Landscaping and levelling
	Dry waste:	1. For Residential and Commercial: 202.00 Kg/day 2. For School: 150.00 Kg/day
	Wet waste:	1. For Residential and Commercial: 265.50 Kg/day 2. For School: 100.00 Kg/day
Waste generation	Hazardous waste:	Nil
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	13.99 Kg/day
	Others if any	No

		Dry waste:		Handed over to Dongargaon Grampanchayat						
		Wet waste		Treated through Organic Waste Convertor						
		Hazardous	waste:	Not Applicable						
Mode of Disposal of waste:		Biomedical waste (If applicable):		Not Applicable						
		STP Sludg sludge):	e (Dry	Used as Ma	nure within	the premice	5			
		Others if a	ny:	Not Applica	ible					
		Location(s):	1. For Resid School Buil		Commercial:	Near STP 1 2	2. For School: Near		
Area requirem	ent:	Area for the storage of waste & other material:		1. For Residential and Commercial: 30 Sq. m. 2. For School: 25 Sq. m.						
		Area for m	achinery:	1. For Resid	dential and C	Commercial:	20 Sq. m. 2.	For School: 10 Sq. m.		
Budgetary		Capital cos	st:	19 Lacs			C			
(Capital co O&M cost)		O & M cos	t:	4.93 Lacs/a	nnum			3		
			37.Ef	fluent C	harecter	estics				
Serial Number	Paran	neters	Unit	Inlet E Charect	ffluent cerestics		Effluent cerestics	Effluent discharge standards (MPCB)		
1	Not Ap	plicable	Not Applicable	Not Ap	Not Applicable		plicable	Not Applicable		
Amount of e (CMD):	effluent gene	eration	Not Applica	fot Applicable						
Capacity of			Not Applica	fot Applicable						
Amount of t recycled :	reated efflue	ent	Not Applica							
	vater send to			Not Applicable						
	p of CETP (if		Not Applicable							
	P technology		Not Applicable							
Disposal of	the ETP sluc	lge	Not Applica	Applicable 8.Hazardous Waste Details						
			38. Ha	zardous	Waste D	etails				
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal		
1	Not Apj	plicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable		
			39.St	.Stacks emission Details						
Serial Number	Section	ection & units Fuel Us Quar		ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases		
1	For 100 %	r - 9 Hrs.	HSD		1	6.23	125 mm	300 Degree Celsius		
2 2. For 40KVA DG set For 100 % Load - 7.2 Liters/hr 9 Hrs. Working.		SD	2	5.05	125 mm	300 Degree Celsius				
			40.De	tails of F	uel to b	e used				



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Serial Number	Туј	pe of Fuel			Existing		Propose	ed	Total	
1	HSD		Not Applicable		le	For 125 KVA DG set • For 100 % Load -22.7 Liters/Hr - 9 Hrs. Working.		22.7 Liters/Hr		
2		HSD		Not Applicable		le	For 40 KVA DG set • For 100 % Load - 7.2 Liters/hr 9 Hrs. Working.		7.2 Liters/hr.	
41.Source of	of Fuel		N	Vearl	oy pump			•		
42.Mode of	Transportat	tion of fuel to	site B	By ro	ad					
		-								
		Total RG a	rea :		16323.92 S	qm				
		No of trees	s to be o	cut	0					
43.Gree		Number of be planted		0	2041					
Develop	ment	List of prop native tree			2041					
	Timeline for completion plantation		1 of	Till the completion of the project						
	44.Nu	mber and	l list o	of t	rees spe	cies	to be plant	t <mark>ed in t</mark>	the ground	
Serial Number	Name of the plant		Con	Common Name			Quantity Ch		aracteristics & ecological importance	
1		ephalus amba	Kadamba		2	62		dicinal value. To control soil ion, Birds, squirrels, monkey eat fruits		
2	Azadirac	hta indica		Neem			51		dicinal value. To control soil sion. To improve soil erosion	
3	Bauhinia	purpurea	Apta / Kanchanraj			58		Every part of the plant is edicinal, Drought tolerant species.		
4	Cassia fistula		Bahava		ava		51	spe fl	cinal value, Drought tolerant cies, Very ornamental, Well owering plant, Honey bee acting species, Host plant for Butterfly.	
5	Putranjiva	arox burgii	P	Putranjiva			54 E		green, Ornamental, medicinal	
6	Butea mo	onosperma	Butea	utea monosperma			55		licinal value, Bird attracting cies ,To control soil erosion.	
7	Moru	ıs alba]	Mulk	erry		63	Fruit	bearing, Ornamental, Timber	
8	Emblica	Emblica officinalis An		ıla	59 Me		Med	licinal value, Bird attracting species		
9	Tabebuia argentea Tru		Trumpet tree			72		Very showy, trumpet shaped lavender flowers		
10	Peltophorum pterocarpum		С	Copper pod			47 Yello		ow flowers, Squirrel attracting tree	
11	Pongami	a pinnata		Karanj		51			cinal value, Drought tolerant cies. To control soil erosion. Hardy plant.	



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 101 of 262 (Chairman SEIAA)

12	Spathodea	African Tulip	58	Ornamental tree, showy reddish-
	campanulata Lagerstroemia			orange flowers Medium deciduous tree. Flowers
13	speciosa	Crape myrtle 51		attract many birds
14	Thespesiapopulenea	Bhendi	51	Flowering plant, Timber
15	Millingtonia hortensis	Indian cork tree	50	Evergreen, bird attracting tree
16	Samaneasaman	Rain tree	38	Evergreen, Ornamental, Timber
17	Terminalia ivorensis	Terminalia	49	Evergreen tree
18	Cassia spectabilis	Golden cassia	74	Medium size tree with bright golden flower, butterfly host plan
19	Erythrina indica	Indian coral tree	52	Evergreen, Timber, Specimen Tre
20	Saraca indica	Sita Ashoka	54	Medicinal value, Religious plant.
21	Mimusopse lengii	Maulsiri	53	Medium-sized evergreen tree
22	Albizia lebbeck	Shirish	51	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species
23	Melia azaderach	Indian lilac	50	Evergreen, Ornamental, medicina
24	Dalbergia sisoo	Shisham	22	Medicinal value, Bird attracting species
25	Madhuca indica	Mahua	60	Showy flowers
26	Cassia javanica	Pink Shower	53	Perennial, Native, Shrub
27	Nycanthes arboritis	Parijatak	77	Fragrant flowers, Medicinal valu
28	Artocarpus heterophyllus	Kathal	61	Evergreen, food, fruit, timber
29	Aegle marmelos	Bel	25	Edible fruit. Bird attracting specie
30	Magnifera indica	Mango	107	Z Edible fruit. Bird attracting specie
31	Callistemon lanceolata	Bottlebrush	58	Evergreen, Ornamental, medicina
32	Swietenia mahogany	Mahogany	28	Evergreen tropical tree
33	Grewia asiatica	Phalsa	29	Evergreen, Ornamental tree
34	Murraya koenigii	Kadipatta	49	Medicinal value, Edible leaves
35	Psidium guava	Guava	29	Medium sized fruit bearing tree, medicinal plant-good source of calcium and vitamin C.
36	Shorea robusta	Sal	14	Evergreen, Ornamental, medicina
37	Syzygium cumini	Jamun	50	Medicinal value, Edible fruit.
38	Jacaranda mimosifolia	Neelmohar	55	Evergreen, Ornamental
39	Terminalia arjuna	Arjun	27	Large evergreen tree
40	Michelia champaca	Son chafa	43	Medicinal value, Fragrant flower Butterfly larvae host plant, Bird attracting species, Fast growing
41	Total No. of Trees	-	204	1 -
45	5.Total quantity of plan	its on ground		•
	-	-	s species t	o be planted in the podium RG
Serial Number	Name	C/C Dista	nce	Area m2
1	Not Applicable	Not Applic	cable	Not Applicable
		47.E	nergy	
10				



			ower	MSEDCL				
			nstruction mand	30 KW				
			Power Iring on phase	40 KVA- 1 No				
Dot		During Ope phase (Con load):		1881 KW (2090	KVA)			
	Power requirement:		eration nand	1672 KVA				
		Transform	er:	630 KVA - 4 Nos	5.			
		DG set as I back-up du operation j	ring	· ·	No. For Residential Common Load. 2) 40 KVA – 2 Nos. I Building and school.			
		Fuel used:		HSD				
		Details of l tension lin through th any:	e passing	Yes				
		48.Ene	rgy savi	ng by non-c	onventional method:			
• Solar Wat • Solar light		Systems		ities like Street lighting & Garden lighting.				
		49	9.Detail	calculations	s & % of saving:			
Serial Number	Е	nergy Conse	ervation Mo	easures	Saving %			
1	Ann	ual Savings v	vith Energy	Equipment	41.17%			
		50.	Details	of pollution	control Systems			
Source	Ex	isting pollu	tion contro	l system	Proposed to be installed			
Air Pollution by DG Set		Not	Applicable		Acoustic enclosure for DG set			
Sewage Water		Not	Applicable		STP			
Wet Solid waste		Not	Applicable	Organic Waste Converter				
Budgetary (Capital		Capital cos	st:	87.2 Lacs				
O&M		O & M cost	*	2.3 Lacs/Annum				
51	51.Environmental Management plan Budgetary Allocation							
		a) (Construc	ction phase	(with Break-up):			
Serial Number	Attri	Attributes Para		neter	Total Cost per annum (Rs. In Lacs)			
1	Air Envi	ronment		For Dust ression	0.45			
2	Air Envi	ronment		Noise toring	0.42			



3	Water Environment	Tanker w constr					2.10			
4	Water Environment Water monitoring				0.6					
5	Land Environment	Site Sar	-		8.0					
6	Biological Environment	Gardening			4.5					
7	Biological Environment	Transpla	intation				0.15			
8	Biological Environment	Top soil pr	eservatio	on			0.25			
9	Socio- Economic Environment	Disinfect Con					2.0			
10	Socio- Economic Environment	First Aid	Facilities	5			1.25		3	
11	Socio- Economic Environment	Health C	heck Up				0.70			
12	Socio- Economic Environment	Creche for	r childrei	n			5.0			
13	Socio- Economic Environment	Personal p equip		e			1.5			
14	TOTAL	-					26.92			
	b) Operati	on Ph	ase (wi	th Breal	k-up):			
Serial Number	Component	Descri	Description Capital cost Re Lacs			. In	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sewage Treatment Plant (STP)	Waste water treatment		ent	62.00			9.25		
2	Pumping cost	Pumping of excess treated water		5	8.00			0.50		
3	Rain Water Harvesting	20 No. of soak pit an top rain collection ta lit per te	nd c) Roo water ank of 30	of	80.00	2.50			1	
51.S	torage of che	micals	(infla	amabl	e/expl	osiv	/e/haz	zardou	s/toxic	
			subs	stance	es)					
Descri	ption Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Not App	licable Not Applicable	Not Applicable		Not Applicable			Not Applicable	Not Applicable		
		52.A	ny Otł	ner Info	rmation	1				
No Informa	tion Available									
		53.	Fraffic	: Manag	jement					
	Nos. of th to the mai design of confluence				from this pr 12m wide 1			ient on exis	ting 24m wide	
Shri Satish (Member S	.M.Gavai ecretary SEIAA)	A Meeting lay 2, 2017			e 104 SI	nand B hri. Anand K Chairman SE				

	Number and area of basement:	Not Applicable				
	Number and area of podia:	Not Applicable				
	Total Parking area:	7267.60 Sqm				
	Area per car:	30 Sqm				
	Area per car:	30 Sqm				
Parking details:	Number of 2- Wheelers as approved by competent authority:	354				
	Number of 4- Wheelers as approved by competent authority:	197				
	Public Transport:	Nearest Bus Stop: Dongargaon				
	Width of all Internal roads (m):	6 m				
	CRZ/ RRZ clearance obtain, if any:	Not Applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable				
	Category as per schedule of EIA Notification sheet	8 (a)				
	Court cases pending if any	Not Applicable				
	Other Relevant Informations	Not Applicable				
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
	Brief informa	tion of the project by SEAC				



Minutes of 106th SEIAA meeting :

SEAC-III considered the project in its 51st meeting under screening category 8(a), B2 as per EIA Notification, 2006 & recommended it to SEIAA. The project proposal was discussed on the basis of consolidated statement, compliance of issues raised by SEAC-III submitted by PP, layout plan, floor plan, location of environmental infrastructures like STP, RWH, SWM, Disaster Management plan, parking plan etc. It was noted that the SEAC-III had recommended the proposal to SEIAA subject to compliance of the points raised by SEAC as below:-

1. PP informed that they have obtained full potential sanction.

2. PP to explore possibility to provide solar PV cell panels to all the roofs of the bungalows to make them energy self-sufficient.

3. PP is advised to achieve parameters and standards of treated sewage and monitor the same as per Environment (Protection) Rule, 1986; PP to submit undertaking for the same.

DECISION OF SEAC

In 106th meeting of SEIAA, PP was directed to comply with the following issues:- i) PP informed that they have obtained NA order vide No. 168/10 dated 26.11.2010; although this project falls in the jurisdiction of PMRDA for sanction of the plan. PP shall obtain the plan sanction from the Competent Authority and to ensure nine meter turing radius on the internal road for easy movement of fire tender.

ii) It was noted that the existing population of the village Dongargaon is about 6000 nos and the proposed project will add about 2085 nos. of population. PP submitted a letter obtained from Lonawala Municipal Corporation vide no.7737/2016 dated- 06.10.2016 which specifies that the water supply to Dongargaon Village Panchyat will be made by Lonawala Municipal Corporation from their excess storage.

iii) The STP capacity shall be increased to 276.48 CMD.

iv) BOD of treated water shall be less than 5 mg/l.

v) There is no existing sewer connectivity in the area PP shall ensure sewer connectivity & ensure proper disposal of treated water as per environmental norms.

vi) PP shall provide details regarding mode of disposal of dry waste, wet waste and E-waste. After detailed deliberation, SEIAA decided to defer consideration of the case till compliance of the issues raised herein above are received along with NA order are vaild from the PP for consideration of the project.

Specific Conditions by SEAC:

SEIAA DECISION

Approved.

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for application of environmental clearance for "HBS MARINEVIEW "- Residential Redevelopment Project Of Lohana Niwas And Tapidas Building

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

,	011 1 11 11 10 4 44, 1 01 0 1							
1.Name of P	roject	"HBS MARINEVIEW "- Residential Redevelopment Project Of Lohana Niwas And Tapidas Building						
2.Type of ins	stitution	Private						
3.Name of P	roject Proponent	M/s HBS Sea View PVT.LTD.						
4.Name of C	onsultant	M/s. Enviro Analysts & Engineers Pvt. Ltd. Mr. H. K Desai B-1003,Enviro House, 10th floor, Western Edge -II Western Express Highway, Borivali (E), Mumbai- 400 066 hkdesai5@gmail.com,; info@eaepl.com						
5.Type of pr	oject	Residential F	Redevelopment Project	~ 7				
	ct/expansion in existing ernization/diversification roject	New project		0				
whether env	on/diversification, ironmental clearance tained for existing	Not applicab	le					
8.Location o	f the project	Plot Bearing	CS NO. 479 &1/479 & 3/482 Of Bhuleshea	r Division (C) Ward, Mumbai				
9.Taluka		mumbai						
10.Village		Bhuleshear						
11.Area of t	he project	MCGM (Mun	icipal Corporation of Greater Mumbai)					
		concession document						
12.IOD/IOA/ Approval Nu	Concession/Plan	IOD/IOA/Concession/Plan Approval Number: EB/7227/C/A						
Approvaria	linder	Approved B	uilt-up Area: 14757					
13.Note on t applicable)	he initiated work (If	Construction not initiated						
	C / IOD from MHADA/ vals (If applicable)	IOD from						
15.Total Plo	t Area (sq. m.)	3506.80						
16.Deductio	ns	0.0						
17.Net Plot	area	3506.80						
		a) FSI area (sq. m.): 14757.13						
18.Proposed Non-FSI)	Built-up Area (FSI &	b) Non FSI area (sq. m.): 45272.1						
N0II-F51)		c) Total BUA area (sq. m.): 60,029.28						
19.Total gro	und coverage (m2)	2323.25						
20.Ground-o	coverage Percentage (%) entage of plot not open	66.25 %						
21.Estimate	d cost of the project	182000000						
	22.Num	ber of I	buildings & its confi	guration				
Serial number	Building Name &	number	Number of floors	Height of the building (Mtrs)				
1	Bldg. No. 1 (Rehab) Wing)	3Basement (2Parking &1 services)+ Gr Flr. + 8 Parking Floors + 1 Amenity Floor+ 39	162.00 m				

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Residential Floors (including 6 Refuge Floors) 2 Fire Check Floors.

2	Bldg.	No. 2 (Sale	Wing)	+ Gr. Flr. Amenity Floors (inc	t (2Parking &1 services) + 8 Parking Floors + 1 Floor + 19 Residential luding 3 Refuge Floors) ire Check Floor.	108.02 m		
23.Numbe tenants an		Rehab = 27 Sale= 73 n shops = 2 r	o's	-				
24.Number expected r users		Rehab = 13	875 no's Sale	e= 365 no's s	hops = 6 no's			
25.Tenant per hectar		992 tenants	s/hector					
26.Height building(s						5		
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)						000-		
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	9.00 m						
29.Existing		9 no of old appropriate		and cessed b	uildings which is to be de	emolished after receiving		
30.Details demolition disposal (I applicable	n with f	Shall be ma	anaged as pe	r debris mar	agement plan			
			31.F	Product	tion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not ap	plicable Not applicable Not applicable Not applicable						
	32.Total Water Requirement							


		Source of	water	MCGM/treated water from STP							
		Fresh wate	er (CMD):	REHAB-12	4 KLD, SALE	E-33 KLD					
		Recycled w Flushing (REHAB- 62	KLD, SALE-	16 KLD					
		Recycled w Gardening		REHAB- 2 KLD, SALE-3 KLD							
		Swimming make up ((
Dry season	1:	Total Wate Requireme :		REHAB- 18	8 KLD, SALE	E-52 KLD					
		Fire fightin Undergrou tank(CMD)	nd water	300 cum							
		Fire fightin Overhead v tank(CMD)	water	100 cum							
		Excess trea	ated water	REHAB-77	KLD, SALE-	16 KLD					
		Source of v	water	MCGM/trea	ted water fr	om STP/RWI	Н				
]		Fresh wate	er (CMD):	REHAB-12	4 KLD, SALE	E-33 KLD					
		Recycled w Flushing (REHAB- 62 KLD, SALE-16 KLD							
		Recycled w Gardening		0 KLD							
		Swimming make up ((
Wet seasor	1:	Total Wate Requireme		REHAB- 186 KLD, SALE-49 KLD							
		Fire fightin Undergrou tank(CMD)	nd water	300 cum							
		Fire fightin Overhead tank(CMD)	water	100 cum							
		Excess trea	ated water	REHAB- 79 KLD, SALE-46 KLD							
Details of 9 pool (If any											
		3	3.Detail	s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	MD)		Loss (CMD))	Ef	ffluent (CM	D)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
	applicable	applicable	applicable	applicable	applicable	applicable	applicable	applicable	applicable		



	Level of the Ground water table:	2.5 m - 3.00 m bgl				
	Size and no of RWH tank(s) and Quantity:	Rehab-35 Kl Sale-60 KL				
	Location of the RWH tank(s):	Ground				
34.Rain Water	Quantity of recharge pits:	Not applicable				
Harvesting (RWH)	Size of recharge pits :	Not applicable				
	Budgetary allocation (Capital cost) :	Rs 20 Lakhs				
	Budgetary allocation (O & M cost) :	Rs 1.0Lakhs /Annum				
	Details of UGT tanks if any :	Domestic Water Tank 217 KL Flushing Water Tank 55 KL Fire Water Tank 600 KL Rain Water Harvesting Tank 95 KL Location of tank Basement 3/Ground for RWH				
25 Storm and the	Natural water drainage pattern:	NE to SW				
35.Storm water drainage	Quantity of storm water:	0.062 cum/sec				
	Size of SWD:	0.4 m				
	Sewage generation in KLD:	Rehab- 157 KLD Sale- 39 KLD				
	STP technology:	MBBR				
Sewage and	Capacity of STP (CMD):	Rehab- 170 KLD Sale- 50 KLD				
Waste water	Location & area of the STP:	Basement & ground				
	Budgetary allocation (Capital cost):	Rs 85 Lakhs				
	Budgetary allocation (O & M cost):	Rs 12.7 lakhs /annum				
	36.Soli	d waste Management				
Waste generation in the Pre Construction	Waste generation:	- Top soil to be preserved for landscaping 21287 cum excavated material which will be generated in the process of reformation of levels, pile foundation etc which shall be sent for disposal to authorized site Scrap material and other recyclable material like empty cement bags and empty paint cans to be sold to recyclers 1250 sqm of broken tiles generated to be used as china mosaic for terrace				
and Construction phase:	Disposal of the construction waste debris:	- Top soil to be preserved for landscaping 21287 cum excavated material which will be generated in the process of reformation of levels, pile foundation etc which shall be sent for disposal to authorized site Scrap material and other recyclable material like empty cement bags and empty paint cans to be sold to recyclers 1250 sqm of broken tiles generated to be used as china mosaic for terrace				
	Dry waste:	Rehab - 276 Kg/day Sale - 73 Kg/day				
	Wet waste:	Rehab - 413 Kg/day Sale- 110 Kg/day				
Waste generation	Hazardous waste:	Not Applicable				
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable				
	STP Sludge (Dry sludge):	Rehab - 5 Kg/day Sale- 1 Kg/day				
	Others if any:	Not Applicable				

		Dry waste:		To be hand	over t	o Loca	al Recyclers f	for recy	ycling			
		Wet waste	:							hall be used for e sold to nearby end		
Mode of I	Disposal	Hazardous	waste:	Not Applica	Applicable							
of waste:	-	Biomedica applicable		f Not Applica	Not Applicable							
		STP Sludge sludge):	e (Dry	To be used	To be used as a manure							
		Others if a	ny:	Not Applica	able							
		Location(s):	ground								
Area requirem	rea Area for the storage of waste & other material:				8 sqm	Sale-	16.4 sqm			5		
	rehab -2.59	4 sqm	sale-1	.844 sqm								
Budgetary allocation Capital cost:			st:	Rs 16 Lakh	S							
(Capital cost and O&M cost): 0 & M cost:			t:	Rs 3.2 lakh	s /annı	ım			J			
			37.E	ffluent C	hare	cter	estics					
Serial Number	Parameters Unit			Inlet E Charect			Outlet I Charect		-	Effluent discharge standards (MPCB)		
1	Not applicable Not applicable			Not ap	Not applicable Not applicable				e	Not applicable		
Amount of e (CMD):	cable											
Capacity of	the ETP:		cable		, ,							
Amount of t recycled :	reated efflue	ent	cable									
Amount of v	water send to	o the CETP:	Not applie									
	p of CETP (if		Not applie									
	P technology		Not applie									
Disposal of	the ETP sluc	lge	Not applie									
			38. H	azardous	Was	te D	etails					
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	To	tal	Method of Disposal		
1	Not apj	olicable	Not applicable	Not applicable	N appli		Not applicable	No applio		Not applicable		
			39.5	Stacks em	issio	n De	etails					
Serial Number	Section	& units	Jsed with antity	Stacl	s No.	Height from ground level (m)	Inte diam (n	eter	Temp. of Exhaust Gases			
1	Not apj	plicable	Not a	pplicable	N appli		Not applicable	No applio		Not applicable		
			40.D	etails of H	uel	to be	e used					
Serial Number	Тур	e of Fuel		Existing			Proposed		Total			
1	Not	applicable		Not applicabl	е	Ν	Not applicabl	е		Not applicable		
41.Source o	of Fuel		Not	applicable								

Shri Satish.M.Gavai (Member Secretary SEIAA)	SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017	Page 111	Anand B. Kulkarnj Shri. Anand Kulkarni (Chairman SEIAA)
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		Total RG a	irea :		RG area on Ground -280.56Sqm (8%) RG area on Podium-235.54 Sqm (6.7%) Paved RG - 471.71 Sqm. (13.45%) Total RG Area-987.81 Sqm (28.16%)				
		No of trees	s to be cut	Applied for	tree NOC -	01.07.2016			
43.Gree Develop		Number of be planted		15 nos	15 nos				
-		List of pro native tree		Coconut ,G	ulmohar ,Ne	em , Arjun tr	ree , shirish		
			'imeline for ompletion of lantation :		by the end of coonstruction phase				
	44.Nu	mber and	l list of t	rees spe	cies to b	e planteo	l in the ground		
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity	Characteristics & ecological importance		
1	Cocos r	nucifera	Coc	onut		4	fruit bearing tree		
2	Deloni	x regia	Guln	nohar		2	shadow tree		
3	Azadirac	cta indica	Ne	em		3	medicinal tree		
4	Terminal	lia arjuna	Arjuı	n tree		4	ornamental tree		
5	Albizia	lebbeck	shi	rish		2	medicinal tree		
45	.Total qua	ntity of plan	nts on grou	nd					
46.Num	ber and	list of sl	hrubs an	d bushes	s species	to be pla	anted in the podium RG		
Serial Number		Name		C/C Dista	ince		Area m2		
1	Glori	osa suparba		2m					
2	Adha	atoda vasica		-2m			•		
3	Teo	cona stans		2m					
4	-	ain villee sps		2m					
5	Passs	iflora edulis		m2					
			K.	47.EI	nergy				



		Source of supply :	power	TaTa/Relian	ice						
		During Co Phase: (De Load)	nstruction emand	80 kW							
		DG set as i back-up du constructi	uring	100 kVA	100 kVA						
Pos	NOT	During Op phase (Cor load):		Rehab-2139	Rehab-2139 kw , Sale - 3089 kw						
require		During Op phase (De load):		Rehab-3089) kw , S	Sale - 1311kw					
		Transform	er:								
		DG set as back-up du operation	uring	Rehab -1x63	, Sale -1x630 KVA, 1x250 KVA						
		Fuel used:		HSD							
		Details of tension lin through th any:	e passing	Not applicable							
	48.Energy saving by non-conventional method:										
	to.Energy saving by non-conventional method:										
		4	9.Detail	calculati	ons	& % of saving:					
Serial Number	E		ervation Mo			Saving %					
1	Rehab - SA		RCENTAGE , CENTAGE	sale -SAVING IN rehab -24 %, sale - 31%							
2		TAL ANNUA	L SAVING D	UE TO SOLAR, UE TO SOLAR rehab -10.79 %, sale- 10%							
		50	.Details	of polluti	ion c	ontrol Systems					
Source	Ex	isting pollu	tion contro	ol system		Proposed to be installed					
Not applicable		Not	applicable			Not applicable					
	allocation cost and	Capital co	st:	Rs. 180 lakhs							
	cost and cost):	O & M cos	t:	Rs. 36lakhs							
51	.Enviro	onment	tal Mar	nageme	nt p	olan Budgetary Allocation					
		a)	Construc	c <mark>tion pha</mark>	se (v	vith Break-up):					
Serial Number	Attri	butes	Parai	meter		Total Cost per annum (Rs. In Lacs)					
1	Air Envi	ronment	Green Developme storag	prinkling, n Belt nt, Covered je area		6					
2	Noise Env	vironment	Gree	icades and n Belt pments		4					

Alama		Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	 Shri. Anand Kulkarni
(Member Secretary SEIAA)	Meeting Date: May 2, 2017	(Chairman SEIAA)

NumberComponentDescriptionLacscost (Rs. in Lacs/yr1solid waste mangementOWC163.22waste waterSTP8512:73electrical savingsEnergy180364RWH systemRWH system2015RG areaLandscaping142.8Storage of chemicals (inflamable/explosive/hazardous/tox substances)Maximum Quantity of strangeDescriptionStatusLocationStorage Capacity in MTConsumption /Month in MTSource of supplyMeal ranspoNot applicableNot Information Available	3	Water E	nvironment	Modula Drainag sedimenta	je with	6			5								
5 Environment Monitoring monitoring during construction phase 3 b) Operation Phase (with Break-up): Serial Number Component Description Capital cost Rs. In Lacs Operational and Mainter cost (Rs. in Lacs/yr 1 solid waste mangement OWC 16 3.2 2 waste water STP 85 12.7 3 electrical savings Energy 180 36 4 RWH system RWH system 20 1 5 RG area Landscaping 14 2.8 Source of Chemicals (inflamable/explosive/hazardous/tox substances) Description Status Location Storage Capacity in MT Consumption MT Source of Supply Mea transpot Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable									4								
Serial Number Component Description Capital cost Rs. In Lacs Operational and Mainter cost (Rs. in Lacs/yr 1 solid waste mangement OWC 16 3.2 2 waste water STP 85 12.7 3 electrical savings Energy 180 36 4 RWH system RWH system 20 1 5 RG area Landscaping 14 2.8 Status Location Storage Capacity in MT Maximum Quantity of storage Source of Mean Mean Not applicable Not applicable Not applicable	5 Environment monitorin								3								
NumberComponentDescriptionLacscost (Rs. in Lacs/yr1solid waste mangementOWC163.22waste waterSTP8512.73electrical savingsEnergy180364RWH system20115RG areaLandscaping142.8Storage of chemicals (inflamable/explosive/hazardous/tox substances)Maximum Quantity of storage Capacity in MTSource of supplyMeal ranspoNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot Information Available			k) Operati	on Pha	ase (wi	th Brea	k-up):								
1mangementOWC163.22waste waterSTP8512.73electrical savingsEnergy180364RWH systemRWH system2015RG areaLandscaping142.8 51.Storage of chemicals (inflamable cerptosive/hazardous) Not statusLocationNot starge of time in mrNot of time in mrSource of supply point of time in mrSource of supply point of time in mrSource of supply point of time in mrNot applicableNot applicable		Com	ponent	Descri	ption	Сарі		. In									
3 electrical savings Energy 180 36 4 RWH system RWH system 20 1 5 RG area Landscaping 14 2.8 Status status (inflamable/explosive/hazardous/tox Maximum Quantity of Storage Capacity in MT Source of Storage at any point of time in MT Not applicable							16			Operational and Maintenance cost (Rs. in Lacs/yr) 3.2 12.7 36 1 2.8							
4 RWH system RWH system 20 1 5 RG area Landscaping 14 2.8 Status I andscaping 14 2.8 Status I andscaping 14 2.8 Status I andscaping I andscaping <th andscaping<="" colspan="4" i="" th="" th<=""><th colspan="5">2 waste water STP</th><th></th><th>85</th><th></th><th></th><th colspan="4">12.7</th></th>	<th colspan="5">2 waste water STP</th> <th></th> <th>85</th> <th></th> <th></th> <th colspan="4">12.7</th>				2 waste water STP						85			12.7			
5RG areaLandscaping142.851.Storage of chemicals (inflamable/explosive/hazardous/tox substances) bescription StatusConsumption Vot applicableNot a	3	electric	cal savings	Ene	rgy		180			36							
Status Maximum Quantity of Storage at any point of time in MT Consumption / Month in MT Source of Supply Mean	4	RWH	I system	RWH s	ystem		20			1							
substances) Description Status Location Storage Capacity in MT Maximum Ountity of Storage at any point of time in MT Consumption / Month in MT Source of Supply Mean transpondent Not applicable	5	RO	G area	Landso	aping		14		2.8								
Not applicable	Descrij	ption	Status	Location		Storage Capacity	Maximum Quantity of Storage at any point of time in	/ Me	onth in		Means of transportation						
No Information Available	Not applicable Not Not Not Not applicable								pplicable		Not applicable						
	Not appl	licubic	applicable					52.Any Other Information									
	Not app	ilcubic	applicable	52.A 1		er Info	rmation	1									
53.Traffic Management				52.A 1		er Info	rmation	1									
Nos. of the junction to the main road & design of confluence:					ny Oth			1									



Still

	North and a local	
	Number and area of basement:	3 no (area) 7,096.02 sq.m.
	Number and area of podia:	8 nos (area) 10436.61 sq.m.
	Total Parking area:	
	Area per car:	Podium – 46 sqm • Basement- 38 sqm
	Area per car:	Podium – 46 sqm • Basement- 38 sqm
Parking details:	Number of 2- Wheelers as approved by competent authority:	
	Number of 4- Wheelers as approved by competent authority:	236 nos
	Public Transport:	not applicable
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	Letter received from MCZMA dated 17.04.2015
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	
	Category as per schedule of EIA Notification sheet	8 a., B2
	Court cases pending if any	Not applicable
	Other Relevant Informations	CFO NOC Received from MCGM dated 30.03.2013HRC NOC Project cleared for HRC. NOC is awaiting Consent for the water Applied on 1.07.2016 Consent for the drainage Applied on 1.07.2016 Precertification for Green Building from Indian Green Building Council Received dated March 2016
	Have you previously submitted Application online on MOEF Website.	Yes
C Y	Date of online submission	18-05-2016
	Brief informa	tion of the project by SEAC



Minutes of 51st SEAC-2 meeting :

Representative of PP, Ms. Radhika Patil & Architect Mr. Umesh Pawar were present during the meeting along with environmental consultant M/s EAEPL.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that the project is earlier considered in 48th meeting of SEAC II. All issues related to environment, including air,water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 3506.80 m2 & total construction area of the project is 60,029.28 m2. Committee noted that the project under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1,1A, synopsis of compliances, presentation & plans submitted are taken on the record.

DECISION OF SEAC

During discussion following points emerged:

1. PP to submit corrected copy of the letter indicating CRZ status of the plot.

2. Since, there is no adequate width available for fire tender, PP to ensure that no compound wall should be put up towards the north-east side of the project to provide adequate access for the fire tender movement.

3. PP to ensure that BOD of the treated waste water is 5mg/lit.

4. Details of the proposed magic bus project as CSR activity should be proposed in Mumbai area also.

5. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION

1. The basement will be below the ground water level. PP to submit geo-hydrology study showing feasibility.

2. Other details as required to be submitted

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Proposed Residential building on plot bearing Survey No. 25, Hissa No. 7, Village Ambivali, Taluka Khalapur, District Raigad

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

10011001,			111110 . 10.00 / 11.1					
1.Name of P	roject	Pyramid 1 – H	Residential Building					
2.Type of ins	stitution	Private						
3.Name of P	roject Proponent	Mr. Kishan K	umar Kedia					
4.Name of C	onsultant	M/S Aqura Ei	nviro Projects Pvt Ltd					
5.Type of pro	oject	Residential Building Projects						
	ct/expansion in existing ernization/diversification roject	Not applicable						
whether envi	on/diversification, ironmental clearance tained for existing	Not applicable						
8.Location o	f the project	Survey No. 2 State.	5, Hissa No. 7, Village Ambivali, Taluka Kh	alapur, District Raigad, Maharashtra				
9.Taluka		Khalapur						
10.Village		Ambivali						
11.Area of th	ne project	Raigad Distri	ct Regional Planning Board, Alibaug.					
			n from Town Planning, Alibaug. Letter No: y Collector Raigad District: Vide Letter No					
12.IOD/IOA/ Approval Nu	Concession/Plan mber	IOD/IOA/Concession/Plan Approval Number: Approval Plan from Town Planning, Alibaug. Letter No: 25/7/1137 dated 11.05.2015 & Sanctioned by Collector Raigad District: Vide Letter No. 26/2015 dated 10.06.2015						
		Approved Bu	uilt-up Area: 52824.49					
13.Note on t applicable)	he initiated work (If	Not Applicab	le					
	C / IOD from MHADA/ vals (If applicable)	Approval Plan from Town Planning, Alibaug. Letter No: 25/7/1137 dated 11.05.2015						
15.Total Plot	t Area (sq. m.)	31200 Sq.M.						
16.Deduction	ns	4680 Sq. M. = RG:-3120 Sq. M. & Amenity Open Space: 1560 Sq. M.						
17.Net Plot a	area	26520 Sq. M.						
		a) FSI area (sq. m.): 34678.80						
18.Proposed Non-FSI)	Built-up Area (FSI &	b) Non FSI area (sq. m.): 18145.69						
		c) Total BUA area (sq. m.): 52824.49						
19.Total gro	und coverage (m2)	9430.00						
	overage Percentage (%) ntage of plot not open	30						
21.Estimated	d cost of the project	1258600000						
	22.Num	ber of l	ouildings & its config	guration				
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	Wing A, B, D, E, C	G & H	- Ground + 1st Podium (fitness Centre) + 2ND to 20th Upper Residential Floor. 64.35					
2	Wing C & F		Ground + 1st Podium (fitness Centre) + 2ND to 17th Upper	55.35				



23.Number tenants and		626							
24.Number expected re users	of	Population	- 3443 (Res	idents: 3130	& Floating Population:	313 Nos)			
25.Tenant per hectare		Not Applica	ble						
26.Height building(s)									
27.Right of (Width of t from the no station to t proposed b	he road earest fire he	6 m & 15m	internal roa	ds					
28.Turning for easy act fire tender movement around the excluding t for the plan	cess of from all building he width	9m				00005			
29.Existing structure (No - Land is	Vacant		0	3			
30.Details demolition disposal (If applicable)	with	Not Applica	ble		all				
	31.Production Details								
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not app			plicable Not applicable Not applicable					
		3	2.Tota		r Requiremen				
		Source of		water will b	t of Maharashtra depart e Patalganga River	ment dated 04.03.2014. Source of			
		Fresh wate		286					
		Recycled w Flushing (167					
		Recycled w Gardening		10					
		Swimming make up (0					
Dry season	5	Total Wate Requireme :		453					
		Fire fightin Undergrou tank(CMD)	nd water	200000 For	Each Wing				
		Fire fightin Overhead tank(CMD)	water	20000 For I	Each Wing				
		Excess trea	ated water	146 CMD					



		Source of v	water	Government of Maharashtra department dated 04.03.2014. Source of water will be Patalganga River							
		Fresh wate	or (CMD).	water will be Patalganga River 246 167 0 0 0 413 200000 For Each Wing 200000 For Each Wing 200000 For Each Wing 156 CMD Is of Total water consumed Existing Proposed Total Existing Proposed Not Not Not Not							
		Recycled w Flushing (vater -								
		Recycled w Gardening	vater -	0							
		Swimming make up (pool	0							
Wet seaso	n:	Total Wate Requireme	er	413							
		Fire fightin Undergrou tank(CMD)	nd water	200000 For Each Wing							
		Fire fightin Overhead v tank(CMD)	water								
		Excess trea	ated water	156 CMD							
Details of s pool (If an		Not Applica	ble								
33.Details of Total water consumed											
Particula rs	Cons	sumption (C	MD)		Loss (CMD)		E	Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	DomesticNotNotNotapplicableapplicableapplicable								Not applicable		
				1							
		Level of th water table		1 to 2m							
		Size and no tank(s) and Quantity:		7.5m X 5m	& 1 Nos Qua	ntity : 40 Cl	JM				
		Location o tank(s):	f the RWH	Basement							
		Quantity o pits:	f recharge	3 nos							
34.Rain V Harvestin		Size of rec :	harge pits	Not applicableNot applicableNot applicableNot applicableNot applicable1 to 2m7.5m X 5m & 1 Nos Quantity : 40 CUMIBasement3 nos55m X 5m125 Lakhs							
(RWH)	2	Budgetary (Capital co		125 Lakhs							
			allocation st) :	9.38 Lakhs							
		Details of if any :	UGT tanks	& F:- 52.27 2) Flushing & F:- 28.08 3) Fire Figl	g Tank :- For V	Wing A,B,D,I For Wing A,I	E,G & H:- 21	.69 KLD & F	or Wing C		



	Natural water	Natural Slope					
35.Storm water	drainage pattern: Quantity of storm						
drainage	water:	0.33 cum/sec					
	Size of SWD:	1200m Wide					
	Sewage generation in KLD:	370 KLD					
	STP technology:	MBBR					
Sewage and	Capacity of STP (CMD):	1 Nos 370 KLD					
Waste water	Location & area of the STP:	Ground Floor & Area 300 Sq.M.					
	Budgetary allocation (Capital cost):	52.50 Lakhs					
	Budgetary allocation (O & M cost):	5.00 Lakhs					
	36.Soli	d waste Management					
Waste generation in	Waste generation:	13899 cum					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Disposal of construction waste will be as per "Construction and Demolition and De-silting Waste" (Management and Disposal) Rules 2006 at the designated site as directed by the Local Body.					
	Dry waste:	576 Kg/day					
	Wet waste:	863 Kg/day					
Waste generation	Hazardous waste:	Not Applicable					
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable					
	STP Sludge (Dry sludge):	50 Kg/day					
	Others if any:	Not Applicable					
	Dry waste:	Dry waste would be further segregated into recyclable and non- recyclable. Recyclable will be handed over to vendors and non recyclable will be disposed off at Local Body landfill sites.					
Mode of Disposal	Wet waste:	Wet Garbage will be treated in Mechanical Composting Unit 'Organic Waste Convertor' (OWC) and the compost generated would be used a manure for gardening purpose and excess would be disposed off to landfill site of Local Body.					
of waste:	Hazardous waste:	Not Applicable					
CY	Biomedical waste (If applicable):	Not Applicable					
	STP Sludge (Dry sludge):	treated in Mechanical Composting Unit 'Organic Waste Convertor' (OWC)					
	Others if any:	Not Applicable					
	Location(s):	Ground Floor					
Area requirement:	Area for the storage of waste & other material:	45 Sq. M.					
	Area for machinery:	30 Sq. M.					
Budgetary allocation	Capital cost:	15 Lakhs					
(Capital cost and O&M cost):	O & M cost:	7 Lakhs					
Shri Satish M Gavai		No: SEIAA Meeting No. 110 Page 120 Shri Anand Kulkarni					

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Shri Satish.M.Gavai (Member Secretary SEIAA)

			37.Ef	fluent C	harecter	estics		
Serial Number	Paran	neters	linit			Effluent cerestics	Effluent discharge standards (MPCB)	
1	Not ap	plicable	Not applicable	Not ap	plicable	Not ap	plicable	Not applicable
Amount of effluent generation (CMD):Not applicable								
Capacity of	the ETP:		Not applica	ble				
Amount of t recycled :	reated efflue	ent	Not applica	ble				
Amount of v	vater send t	o the CETP:	Not applica	ble				
Membershij	o of CETP (ii	f require):	Not applica	ble				
Note on ETI	P technology	v to be used	Not applica	ble				
Disposal of	the ETP sluc	lge	Not applica	ble				
			38.H a	zardous	Waste D	Details		
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
			39.St	acks em	ission D	etails		
Serial Number Section & units		Fuel Used with Quantity		Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not ap	plicable	Not apj	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 applicable Not applicable Not appli			Not applicable		
41.Source o	f Fuel		Not a	pplicable				
42.Mode of	Transportat	ion of fuel to	site Not a	pplicable				
		Total RG a	irea :	6728 Sq. M	. (3120 Sq.	M. on Groun	d & 3608 Sc	I. M on Podium)
		No of tree :	s to be cut	0				
43.Gree		Number of be planted		156 Nos				
Develop	ment	List of pro native tree			van, Fish tail ,Palm ,Kate sawar ,Palash / Flame of the forest Ashoka, Palm & Bakul			
Timeline for completion plantation			n of	of After Construction work completed.				
	44.Nu	mber and	d list of t	rees spe	cies to b	e plante	d in the g	ground
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity		eristics & ecological importance
1	Ku	nti	Murraya j	paniculata	2	0		Long Trees
2	Shi	van	Gmelina	arborea	2	20		Long Trees
10							٨	

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3	Fish ta	il Palm	Caryot	a urens		20	Short Trees	
4			Bomba	x ceiba	7	20	Short Trees	
5		ame of the rest	Butea mo	nosperma	2	20	Long Trees	
6	Pan	gara	Erythrin	na indica		20	Short Trees	
7	Ash	ioka	Saraca	a indica	1	16	Long Trees	
8	Ра	lm	Borassus	flabellifer	1	LO	Long Trees	
9	Ba	kul	Mimuso	ps elengi	1	10 Short Trees		
45	5.Total qua	ntity of plant	s on grou	nd				
46.Num	ıber and	list of sh	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.Eı	nergy	-		
		Source of p supply :	ower	1		a State Elect	tricity Distribution Company Limite	
		During Con Phase: (Der Load)		100 KW				
		back-up du	DG set as Power back-up during construction phase			5		
D	During Operatio phase (Connecte load):			13365 KW				
Pov require		During Ope phase (Dem load):		3247 KW				
		Transforme	r:	2 nos 1600 KVA				
		DG set as P back-up du operation p	ring	1 Nos 750 I	KVA			
		Fuel used:	77	LSD (LDO)				
		Details of h tension line through the any:	passing	Not Applica	ble			
			rav savi	ng by no	n-conve	ntional n	nethod:	
		/	0.0	J - J O				
Using Lift n		r Common Are FD Panel						
Using T5 Tu Using Lift n	ube Light for notor with V	r Common Are FD Panel r	a Lighting	calculati	ons & %	of savin	ıg:	
Using T5 Tu Using Lift n	ibe Light for notor with V ater on Sola	r Common Are FD Panel r	.Detail		ons & %	of savin	g: Saving %	
Using T5 Tr Using Lift n 50% Hot Wa Serial	ibe Light for notor with V ater on Sola	r Common Are FD Panel r 49	••• Lighting •• Detail rvation Mo	easures	ons & %	of savin		
Using T5 Tu Using Lift n 50% Hot Wa Serial Number	ibe Light for notor with V ater on Sola	r Common Are FD Panel r 49 nergy Conse	a Lighting Detail rvation Mo ea Lighting	easures Load	ons & %	of savin	Saving %	
Using T5 Tu Using Lift n 50% Hot Wa Serial Number 1	ibe Light for notor with V ater on Sola	r Common Are FD Panel r 49 Anergy Conse External Are	a Lighting Detail rvation Mo ea Lighting ea Lighting	easures Load Load	ons & %	of savin	Saving % 162 KWh (100%)	

Alans			Anand B. Kulkarni
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5		-	ith solar heater			470 KWh (50%)	
	-	50	.Details of p	ollution	control Syste	ms	
Source	Ex	isting pollu	tion control sys	tem	Pro	posed to be installed	
Not applicable		Not	applicable			Not applicable	
Budgetary allocation (Capital cost and					nnel (Solar Panels for water heating or common areas and street		
O&M cost): 0 & M co						els for water heating system) &1.80 eas and street lightning)	
51	.Enviro	onment	al Manag	ement	plan Budg	etary Allocation	
		a)	Construction	n phase (with Break-u	ıp):	
Serial Number	Attri	butes	Paramete	r	Total Cost p	oer annum (Rs. In Lacs)	
1	Drin	king	Water			1.7	
2	Sanit	ation	Clean			3.5	
3	Health (Checkup	Weekly Checl	kup	C	3.5	
4		for Dust ession	dust				
		b) Operation	Phase (w	ith Break-up):	
Serial Number	Comp	onent	Descriptio	n Car	oital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1		Waste Water1 STPs CTreatmentCapacity			52.50	5	
2	(Rain	er Conservation 3 nos of RWI (Rain Water Percolation Pi			125	9.38	
3	3 nos of RWH Percolation Pits		Cost Per Treatm Biodegradah Garbage in OW Times)	ole	15	7	
4	Air Envi	ronment	Tree Plantation landscapin		109.20	10	
5	Energy Co	nservation	Solar Panels Water heatin		106	10.6	
6	Energy Co	gy Conservation Solar lig common & light			36	1.8	
	7 Environment Monitoring from DG set		Ambient Air Qu Noise Level Ex from DG sets, v	haust M	etup cost outside OEF approved aboratory for	5	
7	Monit	loring	and Waste wa	ater	monitoring		

substances)



Anand B. Kulkarni

Description	Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Not applicable	Not applicable	Not applica	ble	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
	52.A	ny Ot	her Info	rmation	1	•	<u>.</u>		
No Information Availab	le								
		53.	Traffi	c Manag	jement				
Nos. of the junction to the main road & design of confluence:							0	3	
	Number basemer	and area of nt:	Not Ap	plicable					
	podia:	and area of	1 Nos Having Area 9430 Sq.m						
		rking area:	17500 Sq. M. 25 Sq. M.						
	Area per Area per		25 Sq. 25 Sq.						
Parking details:	Number Wheeler approve compete authorit	of 2- s as d by ent	Required:- 682 Nos & Provided :- 777 Nos						
	Number Wheeler approve compete authorit	s as d by ent	Required :- 139 Nos & Provided :- 440 Nos						
	Public T	ransport:	Not Applicable						
	Width of roads (n	f all Internal 1):	6m & 1	5m					
	obtain, i	-	Not Applicable						
S	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries			Karnala Bird Sanctuary : Aprox 8.5 Km					
	Category schedule Notificat		8 (b) - (Sq. M.	Costruction	project hav	ing Constructio	on area less	than 1,50,000	
	Court ca if any	ses pending	Not Ap	plicable					
	Other Ro Informa		Not Ap	plicable					



Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	06-01-2016
Brief informa	tion of the project by SEAC
Minutes of 49th SEAC-2 meeting :	
	Dipesh Chandra were present during the meeting along with ad that they have received approved plans from Town Planning Alibaug
issues related to environment, including air, wat PP stated that total plot area is 31,200 m2 & tota	of presentation made and documents submitted by the proponent. All er, land, soil, ecology and biodiversity and social aspects were discussed al construction area of the project is 52,824.49 m2. Committee noted that cation, 2006. Consolidated statements, form 1, 1A, presentation & plans
DE	CISION OF SEAC



During discussion following points emerged: 1. It is observed that there is no sewer line & no storm water drainage lines constructed up to the project site. Therefore, PP to ensure that no possession shall be given before completion of the sewer lines & storm water drainage line and permission for the connection to the same by the competent authority. Local body to ensure the same.

2. PP informed that they will enter into agreement with Ruchi Soya and Bhushan Steel for usage of treated waste water. PP to submit commitment and copy of agreement for the same detailing water requirement.

3. Further, PP informed that entire treated water should be reused / recycled to ensure the zero discharge. PP to submit details accordingly. PP to submit detailed water budget indicating fool proof mechanism achieving zero discharge.

4. PP to submit letter of commitment for drinking water to the project from Municipal Corporation.

5. PP to ensure that BOD of the treated water should be 5 mg/lit.

6. Storm water drains should be properly planned to cover drainage from abutting large hilly regions. PP to revise storm water drainage plan considering total load from hilly catchment.

7. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION

Approved

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

g				
Subject: Environment Clearance for	r Consruction Project by M/s Lebberty Promoters & Builders			
General Information: Venue: 1st Floor, Sir P.M.Road, Fort M	Maharashtra State Finance Corporation (MSFC), United India Building, Iumbai-01 Time : 10.00 AM			
1.Name of Project	Kolosus Green City			
2.Type of institution	Private			
3.Name of Project Proponent	Mr. Jatin B Patel			
4.Name of Consultant	M/s Saitech Research & Development Organization			
5.Type of project	Residential & Commercial			
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	Gat No.77/78, Near River Residency, Dehu-Alandi Road, Chikhali, Pune			
9.Taluka	Haveli			
10.Village	Chikhali			
11.Area of the project	РСМС			
	Received			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Plan No- BP/Chikhali/2/2016			
	Approved Built-up Area: 48504.43			
13.Note on the initiated work (If applicable)	15659.60			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA			
15.Total Plot Area (sq. m.)	17625.00			
16.Deductions	4554.72			
17.Net Plot area	13070.27			
	a) FSI area (sq. m.): 20259.25			
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 29534.13			
	c) Total BUA area (sq. m.): 49793.38			
19.Total ground coverage (m2)	3328.17			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.88 % of the Total Plot Area and 25.46 % of the Net Plot Area			
21.Estimated cost of the project	100000000			

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing A	P+12	38.35
2	Wing B	P+12	38.35
3	Wing C	P+12	38.35
4	Wing D	P+12	38.35
5	Wing E	P+11	35.40
6	Wing F	P+12	38.35
7	Wing G	P+12	38.35



23.Number of tenants and shops Total Tenements - 425 Nos. No. of Shops- 4 nos. No. of Shops- 4 nos. 24.Number of expected residents / Residential Users: 2125 Nos. and Commercial Users : 27 Nos.							
24.Number of expected residents / Residential Users: 2125 Nos. and Commercial Users : 27 Nos.							
expected residents / Residential Users: 2125 Nos. and Commercial Users : 27 Nos.							
users	esidential Users: 2125 Nos. and Commercial Users : 27 Nos.						
25.Tenant density per hectare 241.13							
26.Height of the building(s)							
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	18 M wide DP Road						
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation 9 m							
29.Existing NA							
30.Details of the demolition with disposal (If applicable) NA							
31.Production Details							
Serial NumberProductExisting (MT/M)Proposed (MT/M)Total (MT/M)							
1 Not applicable Not applicable Not applicable Not applicable							
32.Total Water Requirement							
Source of water PCMC							
Fresh water (CMD): 310.50							
Recycled water - Flushing (CMD): 96.31							
Recycled water - Gardening (CMD): 17.40							
Swimming pool make up (Cum): NA							
Dry season: Requirement (CMD) : 196.79							
Fire fighting - Underground water tank(CMD):300							
Fire fighting -							
Overhead water 150 tank(CMD): 150							



		Source of	water	PCMC						
		Fresh wate		293.09						
		Recycled w Flushing (96.31						
		Recycled w Gardening		0.00						
		Swimming make up ((NA						
Wet seaso	n:	Total Wate Requireme :		196.79						
		Fire fightin Undergrou tank(CMD)	nd water	300				6		
		Fire fightin Overhead v tank(CMD)	water	150						
		Excess trea	ated water	167.48						
Details of an pool (If an		NA				C				
		3	3.Detail	s of Tota	l water o	consume	d			
Particula rs	Cons	sumption (C	EMD)	Loss (CMD)			Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
		Level of th water table		3m to 5m						
		Size and no tank(s) and Quantity:		NA						
		Location o tank(s):	f the RWH	NA						
34.Rain V		Quantity o pits:	f recharge	7 Nos						
Harvestiı (RWH)	IQ	Size of rec :	harge pits	1.5M x 1.5M x 1.5M						
	SY	Budgetary (Capital co		3.50 Lakh						
	÷	Budgetary (O & M cos		1.0 Lakh/Year						
		Details of I if any :	UGT tanks	Flushing U	JG tank Capa G tank Capao nk Capacity :	city:1,14,00	00 Lit			



	Natural w	vater					
35.Storm water	drainage	pattern:	-				
drainage	Quantity water:	of storm	456.84 m3/hr				
	600 mm dia pipe						
	Sewage g in KLD:	eneration	263.78 m3/day				
	STP tech	nology:	MBBR				
Sewage and	Capacity (CMD):	of STP	1 No of 300 m3/day				
Waste water	Location the STP:	& area of	122.4 m2				
	Budgetar (Capital o	y allocation cost):	85.00 Lakh				87
	Budgetar (O & M co	y allocation ost):	17.32 Lakh / Year				
		36.Soli	d waste Mana	gen	nent		
Waste generation in	Waste ge	neration:	25 kg/day				
the Pre Construction and Construction phase:	Disposal construct debris:	of the ion waste	e Use of Leveling				
	Dry waste	* *	429 kg/day				
	Wet wast	e:	640.5kg/day				
Waste generation	Hazardou		NA				
in the operation Phase:	applicabl		NA				
	STP Sludge):	ge (Dry	45 Kg/day				
	Others if	any:	NA				
	Dry waste		Authorized vendor				
	Wet wast		Organic waste convertor	r			
Mode of Dispacel	Hazardou		NA				
Mode of Disposal of waste:	applicabl	-	NA				
	STP Sludge):		Used as Manure after treatment in OWC				
C	Others if		NA				
	Location(-				
Area requirement:	Area for t of waste & material:	the storage & other	67.5 m2				
	Area for 1	nachinery:	15 m2				
Budgetary allocation (Capital cost and	Capital co	ost:	13.75 Lakh				
O&M cost):	0 & M co	st:	4.06 Lakh / Year				
		37.Ef	fluent Charectere	estic	S		
Serial Number Paran	neters	Unit	Inlet Effluent Charecterestics		ıtlet Efflue arecteresti		Effluent discharge standards (MPCB)
Aparto						Angna	d B. Kulkarni

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1	Not ap	plicable	Not applicable	Not ap	plicable	Not ap	plicable	Not applicable	
Amount of effluent generation (CMD):		Not applica	Not applicable						
Capacity of	the ETP:		Not applica	ble					
Amount of t recycled :	reated efflu	ent	Not applica	ble					
Amount of v	vater send t	o the CETP:	Not applica	ble					
Membershij	p of CETP (i	f require):	Not applica	ble					
Note on ET	P technology	y to be used	Not applica	ble					
Disposal of	the ETP slue	lge	Not applica	ble					
			38.H a	zardous	Waste D	etails		10	
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
			39.S t	acks em	ission D	etails			
Serial Number	Section	& units		ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	DG set of	f 125 KVA	HSD		S-1	4.11 m	to be provided	to be provided	
2	DG set of	f 125 KVA	H	SD	S-2	4.11 m	to be provided	to be provided	
			40.De	tails of H	Fuel to b	e used			
Serial Number	Тур	oe of Fuel		Existing		Proposed		Total	
1		HSD	Not applicable 45.4 lit/hr 45.4 lit/hr						
41.Source of			Bharat Petroleum Corporation Limited/Hindustan Petroleum						
42.Mode of	Transportat	ion of fuel to	site by ro	adway					
		Total RG a	irea :	2758.36					
		No of trees		s to be cut NA					
43.Gree		Number of be planted	l:	255 Nos.					
Develop	ment	List of pro native tree		-					
		Timeline f completion plantation	n of	n of mid of construction					
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	d in the g	ground	
Serial Name of the plant		Common Name		Quantity			eristics & ecological importance		
Serial Number	Name of	the plant		Kadunimba		14			
		hta Indica	Kadu	nimba	1	4	Semi Ever	rgreen, Medicinal Plant	
Number	Azadirac	_		nimba chan		4 4		rgreen, Medicinal Plant Plant, Medicinal Plant	

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4	Michelia champaka	Pivla Chafa	14	Flowering Plant, Medicinal Plant		
5	Saraca Indica	Sita Ashok	14	Shady tree with red-yellow flowers, Medicinal Plant		
6	Pongamia pinnata	Karanj	14	Ornamental Plant, Medicinal Plant, Shady tree		
7	Mangifera indica	Aamba	14	Fruit bearing Plant		
8	Albizia lebbeck	Shirish	14	Shady Tree, yellowish green fragrant flowers		
9	Anthocephallus cadamba	Kadamb	14	Shady, large tree, ball shaped flowers		
10	Aegle marmelos	Bel	14	Medicinal Plant, Fruit bearing Plant, Religious Plant		
11	Annona reticulata	Ramphal	14	Fruit bearing Plant, Medicinal Plant		
12	Arthocarpus heterophyllus	Phanas	14	Fruit bearing Plant, Medicinal Plant		
13	Erythrina stricta	Pangara	11	Flowering Plant, Medicinal Plant		
14	Ficus glomerata	Umbar	09	Medicinal Plant, Fruit bearing Plant, Religious Plant		
15	Lagerstromia reginea	Taman	14	Flowering Plant, Medicinal Plant		
16	Limonia aciddissima	Kavat	14	Fruit bearing Plant, Medicinal Plant		
17	Nyctanthes arbour- tristis	Parijatak	14	Flowering Plant, Medicinal Plant		
18	Syzygium cumini	Jambhul	11	Fruit bearing Plant, Medicinal Plant		
19	Tamarindus indica	Chinch	14	Fruit bearing Plant, Medicinal Plant		
43	5.Total quantity of plan	its on ground				
46.Nun	nber and list of sl	nrubs and bushes	s species to be	planted in the podium RG:		
Serial Number	Name	C/C Dista	ince	Area m2		
1	-	-		-		
47.Energy						
	SUP					



	Source of power supply :	MSEDCL		
	During Construction Phase: (Demand Load)	30 KW		
	DG set as Power back-up during construction phase	40 KVA -1No		
Derver	During Operation phase (Connected load):	2209 KW		
Power requirement:	During Operation phase (Demand load):	1963.55 KVA		
	Transformer:	22 KV / 630 KVA - 3 No & 22 KV / 315 KVA - 1 No		
	DG set as Power back-up during operation phase:	125 KVA - 2 No'		
	Fuel used:	22.7 lit/hr		
	Details of high tension line passing through the plot if any:	NA		
	18 Fnorm savi	ng by non-conventional method:		

48.Energy saving by non-conventional method:

• Solar Water Heating Systems Will Be Done For Bathrooms.

• Solar lights will be provided for common amenities like Street lighting & Garden lighting.

• CFL & LED based lighting will be done in the common areas, landscape areas, signage's, Entry gates and boundary compound walls etc.

• Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area Lights, for saving electrical energy.

• Water Level Controllers with Timers will be used for Wa

Waste

49.Detail calculations & % of saving:

		5				
Serial Number	Energy Conservation Measures	Saving %				
1	LED Lamp & Fitting For Common Areas i.e. Bldg. Parking, Staircase, Passage & Terrace Floor.	25350.58 KWH/Year				
2	Up Lighter - Light Fitting For Landscape Area.	584 KWH/Year				
3	Solar Street Light Fitting - Pole Light On Road Side.	4818 KWH/Year				
4	Street Light on the Bldg.	2698.08 KWH/Year				
5	Energy Saving by Solar Hot Water System.	478125 KWH/Year				
50.Details of pollution control Systems						
Source	Existing pollution control system	Proposed to be installed				
Air	-	Green belt will be provided.				
Water	-	STP will be installed & excess treated water used for flushing & gardening				
Noise	-	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared. Acoustically enclosed DG set will be brought & installed.				
Solid	_	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste				



Used as Manure after treatment in OWC Dry Waste

will be given to SWACH

	Budgetary allocation Capital cost and		cost:	t: 76.10 Lakh						
(Capital O&M		0 & M co	ost:	: 1.74 Lakh/Year						
51	.Envir	onmer	ntal Mar	nagei	ment	plan B	udgeta	y Alloc	ation	
		a) Constru	ction j	phase (v	with Bre	ak-up):	-		
Serial Number	Attr	ibutes	Para	meter		Total	Cost per an	num (Rs. In	Lacs)	
1	Air Env	ironment	Water f Suppress Noise M				0.5	50		
2	Water Er	nvironment	Tanker V Construct Moni				0.5	50		
3	Land En	vironment		nitation e toilets			0.5	50	3	
4	Socio-e	economic	Disinfect Control, Facilitie Check Up For Childre children, Protective	First Aic s, Health o, Creche en, Food , Persona	l n es for il					
			b) Operat	ion Pl	nase (w	ith Brea	k-up):			
Serial Number	Com	ponent	Descr	Description Capital cost Rs. I Lacs		. In Operational and Maintenance cost (Rs. in Lacs/yr)				
1	S	STP		Sewage Treatment Plant 8		85.00		17.32		
2	R	WH	Rain Water	- Harvest	ing	3.50	1.00			
3	М	ISW	Municipal	Solid Wa	ste	13.75		4.06		
4	Solar	System	Solar	System		76.10		1.74		
5	Lands	scaping	Lands	caping		40.00		2.00		
6	Safety E	quipments	Safety Ec	quipment	S	10.00		2.00		
7	Post EC I	Monitoring	Post EC N	Monitorin	ng	0.00		2.50		
8		Waste gement		Waste gement		0.00	2.55			
9		tive water pply	Alternati	ive water oply	r	0.00		18.2	24	
51.S	torage	e of ch	emicals			_	osive/h	azardou	us/toxic	
	CY	·		sub	stance	es)				
Description Status		Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumptio / Month in MT		f Means of transportatio		
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicab	le Not applicable	, Not applicable	
			52.A	ny Ot	her Info	ormation	1			
No Informa	tion Availab	ole								

Alama >		Anand B. Kulkarni
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53.Traffic Management					
	Nos. of the junction to the main road & design of confluence:	-			
	Number and area of basement:	NA			
	Number and area of podia:	NA			
	Total Parking area:	9694.60 m2			
	Area per car:	45.09 m2			
	Area per car:	45.09 m2			
Parking details:	Number of 2- Wheelers as approved by competent authority:	858			
	Number of 4- Wheelers as approved by competent authority:	215			
	Public Transport:	NA			
	Width of all Internal roads (m):	12 m			
	CRZ/ RRZ clearance obtain, if any:	NA			
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA			
	Category as per schedule of EIA Notification sheet	B2			
	Court cases pending if any	NA			
	Other Relevant Informations	NA			
S	Have you previously submitted Application online on MOEF Website.	No			
	Date of online submission	-			
	Brief information of the project by SEAC				



Minutes of 41st SEAC-3 meeting:

Case was earlier discussed in 25th SEAC-3 meeting and referred to Env Dept got the verification of violation. Env Dept has withdrawn violation on 30.03.2015.

During discussion following points emerged:

1. PP informed that they have obtained full potential sanction.

2. PP to obtain CFO NOC for building F.

3. PP to submit affadavit for not giving occupancy unless sustained water supply is obtained.

SEAC-3 decided to recommend the proposal for EC subject to above conditions.

Futher PP remained absent in 100th SEIAA meeting.

DECISION OF SEAC

The PP was absent in the meeting. Hence, the proposal could not be considered.

Specific Conditions by SEAC:

SEIAA DECISION

Approved

Specific Conditions by SEIAA:

Silha

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



Anand B. Kulkarni

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SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Amendment of Residential Project "X BKC (Orchid Paradise)"

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

15011001, 0111.101.10000, 101010					
1.Name of Project	Residential Project "X BKC (Orchid Paradise)"				
2.Type of institution	Private				
3.Name of Project Proponent	M/s MIG (Bandra) Realtors & Builders Pvt. Ltd.				
4.Name of Consultant	Project Proponent - M/s. MIG (Bandra) Realtors & Builders Pvt. Ltd.; Municipal Architect - M/s. SpaceAge Consultants; MEP Consultants - M/s Pankaj Dharkar & Associates ; Traffic & DMP Consultant - M/s EPRI; Environmental Consultant - M/s Enviro Analysts and Engineers Pvt. Ltd.				
5.Type of project	Amendment of Residential Project (MHADA)				
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project. EC Received earlier (SEAC2011/CR161/TC2 dtd 10.12.15)				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental Clearance has been obtained earlier for existing project. EC letter - SEAC2011/CR161/TC2 dtd 10.12.15				
8.Location of the project	The Residential Project 'X BKC Orchid Paradise' is located at plot bearing CS No. 649 & 649/1 to 48, situated at Bandra East, Mumbai.				
9.Taluka	Mumbai				
10.Village	Bandra				
11.Area of the project	Municipal Corporation of Greater Mumbai				
	MHADA offer letter bearing no. CO/MB/RDC/NOC/F-425/738/2013 Dated 20.04.13. Concession report dtd. 8th sept 2015.				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: IOD Letter Approval No: CHE/WS/0477/H/(337)/NEW dated: 08/12/2016. ; Concession Approval No: CHE/WS/0477/H/(337)/NEW dated: 08/09/2015				
	Approved Built-up Area: 2,66,228.43 sq.m				
13.Note on the initiated work (If applicable)	Excavation for basement has been initiated on site as per EC dated 10th December 2015				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MHADA offer letter bearing no. CO/MB/RDC/NOC/F-425/738/2013 Dated 20.04.13.				
15.Total Plot Area (sq. m.)	20149.32				
16.Deductions	Road set back 1083.04 m2 ; RG Deduction : 4242.00 m2				
17.Net Plot area	14824.28				
	a) FSI area (sq. m.): 122401				
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 143827.43				
	c) Total BUA area (sq. m.): 266228.43				
19.Total ground coverage (m2)	9575.35				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	47.0%				
21.Estimated cost of the project	10972500000				
22.Num	ber of buildings & its configuration				
Serial					

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Wing No.1	5B + St/Gr + 22 Floors	80.07
2	Wing No. 2	5B + St/Gr + 22 Floors	80.07
3	Wing No. 3	5B + St/Gr + 22 Floors	80.07
4	Wing No. 4	5B + St/Gr + 22 Floors	80.07
5	Wing No. 5	5B + St/Gr + 29 Floors	103.59

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		Wing No. 7	5B + St/Gr + 29 Floors	103.59	
8		Wing No. 8	5B + St/Gr + 29 Floors	103.59	
9		Wing No. 9	5B + St/Gr + 29 Floors	103.59	
10		Wing No. 10	5B + St/Gr + 22 Floors	80.07	
11		Wing No. 11	5B + St/Gr + 22 Floors	80.07	
12		Wing No. 12	5B + St/Gr + 22 Floors	80.07	
13		Wing No. 13	5B + St/Gr + 22 Floors	80.07	
14		Wing No. 14	5B + St/Gr + 22 Floors	80.07	
15		Wing No. 15	5B + St/Gr + 22 Floors	80.07	
23.Numbe tenants an		Flats : 1090 Nos.		4	
24.Numbe expected r users		5450 Nos.			
25.Tenant per hectar		541			
26.Height building(s					
station to	the road learest fire		lkar Marg at South side; 18.30 M	aadhikari Road at North Side; 18.30 M I wide DP road at West Side and 9.15 M	
28.Turning radius for easy access of fire tender movement from all around the building excluding the width					
fire tender movement around the	from all building the width	Min 7.5 m provided	AD ^r		
fire tender movement around the excluding	from all building the width ntation		have been demolished.		
fire tender movement around the excluding for the pla 29.Existing	from all building the width ntation g (s) if any of the with f	The existing structures	have been demolished. The dem	nolition waste shall be disposed off at the	
fire tender movement around the excluding for the pla 29.Existing structure 30.Details demolition disposal (I	from all building the width ntation g (s) if any of the with f	The existing structures The existing structures designated unloading s	have been demolished. The dem		
fire tender movement around the excluding for the pla 29.Existing structure 30.Details demolition disposal (I	from all building the width ntation g (s) if any of the with f	The existing structures The existing structures designated unloading s 31.1	have been demolished. The dem ite.	5	

32.Total Water Requirement



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	Source of wate	er	MCGM							
	Fresh water (C	C MD):	491							
	Recycled wate Flushing (CMI		245							
	Recycled wate Gardening (CM		30							
	Swimming poo make up (Cum		NA							
Dry season:	Total Water Requirement (:	(CMD)	766							
	Fire fighting - Underground tank(CMD):				56 CUM FIR JM FIRE WA			UM FIRE		
	Fire fighting - Overhead wate tank(CMD):		FIRE FIGH WINGS	FING OVER	HEAD TANK	S OF 30 CU	M. EACH ON	I ALL 15		
	Excess treated	l water	341							
	Source of wate	er	MCGM							
	Fresh water (C	C MD):	296							
	Recycled wate Flushing (CMI		245							
	Recycled wate Gardening (CM		NA							
	Swimming poo make up (Cum		NA							
Wet season:	Total Water Requirement (:	(CMD)	766							
	Fire fighting - Underground tank(CMD):		FIRE WATER TANK 1 256 CUM FIRE WATER TANK 2 262 CUM FIRE WATER TANK 3 182 CUM FIRE WATER TANK 4 205 CUM							
	Fire fighting - Overhead wate tank(CMD):		FIRE FIGHTING OVER HEAD TANKS OF 30 CUM. EACH ON ALL 15 WINGS							
	Excess treated	water	371							
Details of Swimming pool (If any)	Not Applicable									
	33.1	Detail	s of Tota	l water o	onsume	d				
Particula rs Col	nsumption (CMD)		Loss (CMD))	Ef	ffluent (CM	D)		
Water Require ment	Proposed	Fotal	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic Not applicable		Not plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	Level of the Ground water table:	5 to 6 m
	Size and no of RWH tank(s) and Quantity:	4 tanks of total capacity 390 m3
	Location of the RWH tank(s):	Basement
34.Rain Water Harvesting	Quantity of recharge pits:	NA
(RWH)	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	10 Lakh
	Budgetary allocation (O & M cost) :	2 Lakh/year
	Details of UGT tanks if any :	UG tanks are located in Basement
	Natural water drainage pattern:	Towards South-East direction of plot
35.Storm water drainage	Quantity of storm water:	1.45 m3/sec
	Size of SWD:	700 mm dia
	Sewage generation in KLD:	657
	STP technology:	MBBR
Sewage and	Capacity of STP (CMD):	2 STPs of 325 & 350 respectively;
Waste water	Location & area of the STP:	Basement & Area of each STP provided is 320.60 sqm & 475.42 sqm
	Budgetary allocation (Capital cost):	140 lakhs
	Budgetary allocation (O & M cost):	2 Lakh/annum
	36.Soli	d waste Management
Waste generation in	Waste generation:	Excavation Quantity : 2,60,000 cum. Excavation started as per EC.
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Scrap material and other recyclable material like empty cement bags and empty paint cans to be sold to recyclers. Excavation shall be used for backfilling and for the purpose of constructing internal roads
	Dry waste:	1090 kg/day
	Wet waste:	1635 kg/day
Wasto goneration	Hazardous waste:	NA
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	30 kg/day
	Others if any:	NA



		Dry waste:			Dry garbag	e will i	be seg	regate	d & di	sposed	d off to	recyclers.
		Wet waste	•		Wet garbage will be treated using OWC and used as organic manure for landscaping.							
Mode of I	Disposal	Hazardous	wast	e:	NA							
of waste:	bioposai	Biomedica applicable		te (If	NA							
		STP Sludg sludge):	e (Dry		Sludge will	be use	ed as n	nanure	e for g	ardeni	ng	
		Others if a	•		NA							
Location(s):					Basement							
Area requirem	ent:	Area for th of waste & material:	he storage a other		Space requ	ired fo	or curii	ng dru	m:2.71	n X201	n	
		Area for m	achin	ery:	Space requ	ired fo	r mac	hine:20	06 sq.1	n		\mathbf{C}
Budgetary (Capital co		Capital co	st:		30 Lakh							
O&M cost)		O & M cos	t:		7.63 Lakh/a	innum						9
			3	7.Ef	fluent C	hare	cter	estic	s			
Serial Number	Paran	neters	U	nit	Inlet E Charect					Efflue: eresti		Effluent discharge standards (MPCB)
1	Not app	plicable		lot icable	Not ap	plicabl	e	N	lot apj	plicabl	е	Not applicable
Amount of e (CMD):	effluent gene	ration	Not a	applica	lble	(3				
Capacity of	the ETP:		Not a	applica	icable							
Amount of t recycled :	reated efflue	ent	Not a	applica	cable							
Amount of v	vater send to	o the CETP:	Not a	applica	ble							
Membership				applica								
Note on ETH				applica								
Disposal of	the ETP slud	lge		applica								
			3	8.H a	zardous	Was	ste D	etai	S			
Serial Number	Descr	iption	C	at	UOM	Exis	Existing Prop		oosed Tota		tal	Method of Disposal
1	Not app	olicable	-	ot cable			ot Not cable applicable			Not applicable		
			2	39.St	tacks em	issio	n D	etail	S			
Serial Number	Section	& units	F		ed with ntity	Stac	ck No. fro		om dian		rnal leter n)	Temp. of Exhaust Gases
1	Not app	olicable	Ν	Not apj	plicable	N appli	ot cable	N appli	ot Not			Not applicable
			4	0.De	tails of F	uel	to be	e use	ed			
Serial Number	Тур	e of Fuel			Existing			Prop	osed			Total
1	Not	applicable		Ν	Not applicabl	е	Ν	lot app	olicabl	е		Not applicable
41.Source of Fuel Not a					pplicable							
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							
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		Total RG a		6348.75	0348.70					
		No of trees	No of trees to be cut :		113 Nos. (as per Tree NOC DYSG/TA/Z-III/165/P DTD. 21.09.2015)					
43.Green Belt Development		Number of trees to be planted :		390 Nos.						
		List of pro native tree		As listed in	List of propo	osed plantat	ion on ground			
		Timeline for completion plantation	1 of	At the time	of Project Co	ompletion				
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	d in the ground			
Serial Number	Name of	the plant	Commo	n Name	Quai	ntity	Characteristics & ecological importance			
1	N	IA	Aca	acia	3	0	NA			
2	N	IA	Areca	Palm	3	2	NA			
3	N	IA	Ash	oka	3	3	NA			
4	N	IA	Bac	lam	2	9	NA			
5	N	IA	Ban	nboo	2	5	NA			
6	N	IA	A Banyar		2	7	NA			
7	N	IA	В	el	25		NA			
8	N	IA	Cha	mpa	a 25		NA			
9	N	IA	Christn	as Tree	1	0	NA			
10	N	IA	Coc	onut	2	8	NA			
11	N	IA	Drum	Stick	10		NA			
12	N	IA	Gu	ava	28		NA			
13	N	IA	Gulm	nohar	har 34		NA			
14	N	IA	Jack	fruit	28		NA			
15	N	IA	Jan	nun	15		NA			
16	N	IA	Kai	ranj	2	9	NA			
17	N	IA	Kentia	a Palm	2	7	NA			
18	N	IA	Ma	ngo	2	5	NA			
19	N	IA	Ne	em	2	0	NA			
45.	Total qua	ntity of plan	its on grou	nd						
46.Num	ber and	list of sl	nrubs an	d bushes	species	to be pl	anted in the podium RG:			
Serial Number	SY	Name		C/C Distance		Area m2				
1		NA		NA			NA			
			•	47. Er	erav					



	Source of power supply :	Reliance Energy
	During Construction Phase: (Demand Load)	300kW
	DG set as Power back-up during construction phase	250kVA
Power	During Operation phase (Connected load):	25.58 MW
requirement:	During Operation phase (Demand load):	9.25 MW
	Transformer:	2000kVA x 4
	DG set as Power back-up during operation phase:	Capacity of DG Set provided for 2 x 1250 kVA
	Fuel used:	High Speed Diesel
	Details of high tension line passing through the plot if any:	NA
	48.Energy savi	ng by non-conventional method:

Day mode / evening modes and night mode for lighting control. Energy savings app.60% Electronic ballast – Normal copper ballast consume app. 8 W where as electronic ballasts consume 4W for 36W fixture. i.e. watt losses with copper ballast are app. 25% whereas with electronic ballast shall be 12.5 % i.e. saving of app 12 % in lighting power.

Energy efficient lamps – Usage of lamps reduces power consumption in lighting. Use of CFL / T5 lamps in place of normal T8 / incandescent lamps shall bring d

	49.Detail calculations & % of saving:							
Serial Number	Е	nergy Conservation M	easures	Saving %				
1	AVE	RAGE ANNUAL ENERGY	SAVINGS	20.72%				
2	VFD	erage KWH/Annum Savin driven LIFTS @ 25% min "timer / sensor,electronic	imum,solar	2817950.05 units				
3		Savings due to lam	p	378.92 units				
4	S	Savings due to electronic	ballast	162.39 units				
5		Savings due to timer / s	ensor	463.99 units				
6		Savings due to solar lig	hting	840 units				
7	Savings	due to use of VFD driven minimum	LIFTS @ 25%	1490.00 units				
8		Savings due to capaci	tors	4764.03 units				
		50.Details	of pollution o	control Systems				
Source	Ex	isting pollution contro	l system	Proposed to be installed				
Not applicable	Not applicable			Not applicable				
	allocation	Capital cost:	80 Lakh					
(Capital cost and O&M cost):		O & M cost:	4 Lakh/annum					

Shri Satish.M.Gavai (Member Secretary SEIAA)	SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017	Page 143	Anand B. Kulkarni Shri. Anand Kulkarni (Chairman SEIAA)
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51	.Environmen	t <mark>al Manage</mark> r	nent j	olan Bu	udgetary	Alloca	ation		
	a)	Construction p	phase (v	with Bre	ak-up):				
Serial Number	Attributes	Parameter		Total	Cost per annı	ım (Rs. In I	Lacs)		
1	Air Environment	Water Sprinkling, Green Belt Development, Cover storage area		8					
2	Noise Environment	Noise Baricades ar Green Belt Developments	nd	9					
3	Water Environment	Modular STP , Drainage with sedimentation tank	ks		6		3		
4	Good Health Practices	Site Sanitation & Health Care	<u>:</u>		6	0			
5	Environment Monitoring	Air,water,noise so monitoring during construction phase	g		4				
6	Total	Total			33				
	b) Operation Ph	nase (wi	th Brea	k-up):				
Serial Number	Component	Description	Cap	Capital cost Rs. In Lacs		In Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Water Environment	RWH		10		2			
2	Solid Waste Management	OWC		30		7.63			
3	Landscaping	Landscaping		84	9				
4	Air cleaning system	Air cleaning system	m	335		60			
5	Energy	Energy system	· · · · · · · · · · · · · · · · · · ·	80		4			
6	DMP	DMP		300		57			
7	Water Environment	STP		140	2				
8	NA	NA		NA		NA			
51.S	torage of che		amabl stance	-	osive/ha	zardou	ıs/toxic		
Description Status		Location	Location Storage Capacity in MT		Consumption / Month in MT	Source of Supply	Means of transportation		
Not app	licable Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
		52.Any Otl	her Info	ormation	1				
No Informa	tion Available								
		53.Traffie	c Mana	gement					
		55.11alli	o mana	yement					



Anand B. Kulkarni
	Nos. of the junction to the main road & design of confluence:	Nos. of the junction to the main road & design of confluence 24.20 m wide Dharmadhikari DP Road on North, 18.30 m wide Madhusudan Kelkar DP Road on South, 18.30 m Road on West and 9.15 m wide Road on East The proposed site is 1.5 km from Bandra Railway Station
	Number and area of basement:	5 Nos. (14.80 mtrs below ground lvl) 79,539.60 m2
	Number and area of podia:	NA
	Total Parking area:	47842.08 m2
	Area per car:	31.92m2
	Area per car:	31.92m2
Parking details:	Number of 2- Wheelers as approved by competent authority:	Not Provided
	Number of 4- Wheelers as approved by competent authority:	1499 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	9m.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	13.5KM FROM SANJAY GANDHI NATIONAL PARK
	Category as per schedule of EIA Notification sheet	8(b) B1
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
9	Date of online submission	04-01-2017
	Brief informa	tion of the project by SEAC



Minutes of 51st SEAC-2 meeting:

Representative of PP & Architect were present during the meeting along with environmental consultant M/s EAEPL. PP informed that they have received earlier EC vide letter dated 10/12/2015 for total construction area of 2,41,933 m2. PP informed that proposed expansion is due to increase in fungible FSI and MHADA FSI. PP also informed that concessions are approved and CFO NOC has been obtained.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that the project is earlier considered in 106th meeting of SEIAA. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 20,150 m2 & total construction area proposed in this meeting of the project is 2,66,228.43 m2.

PP submitted revised EIA copy for proposed expansion/amendment in the meeting. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC

During discussion following points emerged:

- 1. PP informed that they have received HRC NOC. PP to submit copy of the same.
- 2. PP to submit revised CFO NOC.
- 3. PP to submit copy of approved amended plans.

4. PP to ensure adequate space around the proposed buildings for free and unhindered fire tender movement so that in case of fire hazard, the fire brigade will get direct access to every flat in the building.

5. Structural reanalysis & stability audit report for the buildings on which vertical expansion is proposed.

6. PP to ensure that BOD of the treated water should be 5 mg/lit. Further, it is observed that 314 KLD treated water is proposed to be released in to the drains. PP to explore the possibility of recycling and reuse of treated waste water and submit.

7. PP to set up air cleaning system in the parking basements. PP to install WAAYU units or air pollution mitigation measures considering the significant increase in air pollution.

8. PP to ensure that evacuation time is 20 minutes or less. 9. PP to achieve 10% energy savings through renewable component & submit revised energy calculations indicating the same. PP may explore to increase renewable energy through additional PV panels, solar trees, solar winds etc. 10. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 146Shri. Anand Kulkarniof 262(Chairman SEIAA)

Anand B. Kulkarni

1. The PP has proposed 5 basements. PP to submit plan of de-watering system (geo-hydrology report)

2. Details of STP to be submitted

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

SHIMMAGENDA.



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017

Anand B. Kulkarni Shri. Anand Kulkarni Page 147 of 262 (Chairman SEIAA)

SEIAA Meeting SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017 Subject: Environment Clearance for "Osians Garden" at Bhiwandi, Thane General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM "Osians Garden" at Bhiwandi, Thane **1.Name of Project** 2.Type of institution Private **3.Name of Project Proponent** Mr. Ganesh Kumar Gupta/ Mr. Vinod Kumar Singal (Directors) 4.Name of Consultant Ultra-Tech 5.Type of project Housing project 6.New project/expansion in existing project/modernization/diversification New project in existing project 7.If expansion/diversification, whether environmental clearance Not applicable has been obtained for existing project Plot bearing S. No. 5 (Pt.) & 85/2 of Village - Nagaon, Taluka - Bhiwandi, District - Thane, 8.Location of the project Mumbai 9.Taluka Bhiwandi 10.Village Nagaon **11.Area of the project** Bhiwandi-Nizampur City Municipal Corporation (B.N.C.M.C.) Received IOD and Commencement certificate from B.N.C.M.C. dt.30.09.2011 & 29.10.2011 respectively. 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Building **Approval Number** permission/54/Nagaon/2011-2012/1643 Approved Built-up Area: 31184.76 13.Note on the initiated work (If Total constructed work (FSI + NON FSI): 18, 775.16 Sq.mt. Received IOD and Commencement certificate from B.N.C.M.C. dt. 30.09.2011 & 29.10.2011 respectively. applicable) 14.LOI / NOC / IOD from MHADA/ Not applicable Other approvals (If applicable) 15.Total Plot Area (sq. m.) 24,969.37 Sq.mt. 16 Deductions 6,069.50 Sq.mt. **17.Net Plot area** 18,899.87 Sq.mt. a) FSI area (sq. m.): 31,169.74 Sq. mt. 18. Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 17,193.95 Sq. mt. Non-FSI) c) Total BUA area (sq. m.): 48,363.69 Sq. mt. 4,040.61 Sq. mt. 19.Total ground coverage (m2) 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 21% to sky) 21.Estimated cost of the project 90800000 22.Number of buildings & its configuration

	·								
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)						
1	Building 1	Stilt + 12 Upper Residential Floors	37.93						
2	Building 2	Wing A: Partly Stilt + Ground (Shopping) + 11 Upper Residential Floors	35.03						
3	Building 2	Wing B: Partly Stilt + Ground (Shopping) + 11 Upper Residential Floors	35.03						

Shri Satish.M.Gavai (Member Secretary SEIAA)	SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017	Page 148	Anand B. Kulkarni Shri. Anand Kulkarni (Chairman SEIAA)
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4		Building 2Wing C: Partly Stilt + Ground (Shopping) + 11 Upper Residential Floors35.03								
5		Building 3 Stilt + 11 Upper Residential Floors 35.03								
6		Building 4Wing A: Stilt + 11 + 12 (pt.) Upper Residential Floors37.93								
7		Building 4	Building 4Wing B: Stilt + 12 Upper Residential Floors37.93							
8		Building 4		C: Stilt + 13 Upper sidential Floors	40.83					
9		Building 4): Stilt + 12 Upper sidential Floors	37.93					
10		Building 4		t + 11 + 12 (pt.) Upper sidential Floors	37.93					
23.Number tenants an		Flats: 459 Nos. Shops: 36 Nos.								
	24.Number of expected residents / 2403 Nos.									
25.Tenant per hectar		243/hector			S-					
26.Height building(s)										
27.Right o (Width of t from the n station to t proposed h	the road earest fire the	18.00m wide D.P. Road		.005						
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	7.5m	, In	7						
29.Existing structure (Partly completed constr	ruction as pe	approvals						
demolition	30.Details of the demolition with disposal (If NA									
		31.H	Product	ion Details						
Serial Number	Pro	duct Existing	J (MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Not ap	plicable Not ap	plicable	Not applicable	Not applicable					
	32.Total Water Requirement									





		Source of	water	B.N.C.M.C.								
		Fresh wate	er (CMD):	209								
		Recycled w Flushing (106								
		Recycled w Gardening		27								
	Dry season:		pool Cum):	NA								
Dry seasor			er ent (CMD)	342								
		Fire fightin Undergrou tank(CMD	ind water	75				5				
		Fire fightin Overhead tank(CMD	water	50				0				
		Excess trea	ated water	113								
		Source of	water	B.N.C.M.C.	& Rainwate	r Harvesting	(RWH) Tanl	Σ				
F		Fresh wate	er (CMD):	209								
			vater - CMD):	106								
		Recycled v Gardening		NA								
		Swimming make up (NA								
Wet seaso	n:	Total Wate Requireme :		315								
		Fire fightin Undergrou tank(CMD	ind water	75								
		Fire fightin Overhead tank(CMD	water	50								
		Excess treat	ated water	140								
Details of pool (If an	Swimming y)	NA										
33.Details			s of Tota	l water o	consume	d						
Particula rs	Cons	sumption (C	CMD)		Loss (CMD))	Ef	fluent (CM	D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			



	Level of the Ground water table:	0.5 mt. to 1.4 mt. below ground level
	Size and no of RWH tank(s) and Quantity:	4 nos. RWH tank of total capacity of 104 KL
	Location of the RWH tank(s):	Underground
34.Rain Water Harvesting	Quantity of recharge pits:	NA
(RWH)	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 22.40 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.74 Lacs/annum
	Details of UGT tanks if any :	Location(s) of the UGT tank(s): Underground
	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged into the external SWD.
35.Storm water drainage	Quantity of storm water:	0.90 m3/sec
	Size of SWD:	0.98 m3/sec
	Sewage generation in KLD:	273 KLD
	STP technology:	MBBR (Moving Bed Bio Reactor)
Sewage and	Capacity of STP (CMD):	1 STP of 300 KL
Waste water	Location & area of the STP:	Location : Underground and area : 300 Sq.mt.
	Budgetary allocation (Capital cost):	Rs.74.30 Lacs
	Budgetary allocation (O & M cost):	Rs.16.95 Lacs/annum
		d waste Management
Waste generation in	Waste generation:	NA
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA
2	Dry waste:	319 Kg/day
Waste generation in the operation Phase:	Wet waste:	725 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
1 14001	STP Sludge (Dry sludge):	41 Kg/day
	Others if any:	NA



		Dry waste:		To B.N.C.M	To B.N.C.M.C.						
Wet waste: Hazardous waste:				Organic Waste Converter (OWC)							
			NA								
Mode of a of waste:	Disposal	Biomedica applicable	•	NA	NA						
		STP Sludg sludge):	e (Dry	Use as man	ure						
		Others if a	ny:	NA	NA						
		Location(s):	Ground							
Area requirem	ent:	Area for th of waste & material:		48 Sq.mt.	48 Sq.mt.						
		Area for m	achinery:	12.00 Sq.m	t.						
Budgetary		Capital cos	st:	Rs.9.00 Lac	CS						
(Capital co O&M cost)		O & M cos	t:	Rs.3.07 Lac	cs /ann	ım					
			37.E	ffluent C	hare	cter	estics				
Serial Number	Paran	neters	Unit	Inlet E Charect			Outlet I Charect			Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicable	Not ap	plicable	e	Not applicable			Not applicable	
Amount of e (CMD):	effluent gene	eration	Not applie	able	le						
Capacity of	the ETP:		Not applie	able							
Amount of t recycled :	able										
Amount of v	vater send to	o the CETP:	Not applie	able	7						
Membershij	o of CETP (if	f require):	Not applie	able	7						
Note on ETI	P technology	v to be used	Not applie	able							
Disposal of	the ETP sluc	lge	Not applie	able							
			38.H	azardous	Was	te D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed		tal	Method of Disposal	
1	Not app	plicable	Not applicable	Not applicable	No applio		Not applicable		ot cable	Not applicable	
			39.5	Stacks em	issio	n De	etails				
Serial Number	Section	& units		sed with antity	Stack	No.	Height from ground level (m)	Internal diameter (m)		Temp. of Exhaust Gases	
1	Not apj	plicable	Not a	oplicable	No applio		Not applicable		ot cable	Not applicable	
			40.D	etails of H	uel 1	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	e	N	Not applicabl	е		Not applicable	
41.Source o	f Fuel		Not	applicable							
42.Mode of	Transportat	ion of fuel to	site Not	applicable							



	Total RG area :		4745.33 Sq.mt.							
No of trees		s to be cut	NA							
43.Gree		Number of be planted		192 nos.						
Develop	ment	List of pro native tree		The list is g	iven in list of proposed p	plantation on ground				
		Timeline for completion plantation	ı of	Before occu	Before occupation					
	44.Nu	mber and	l list of t	rees spe	cies to be plante	d in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Areca o	Areca catechu Sur		pari	25	It is a medium-sized and palm tree, The seed contains alkaloids such as arecaidine and arecoline, which, Used as an interior landscaping species, Nuts are used for chewing.				
2	Mimuso	Mimusops elengi Ba		kul	71	Shady medium-sized evergreen tree, small white fragrant flowers, Its timber is valuable, the fruit is edible, and it is used in traditional medicine.				
3	Azadirac	dirachta indica Ne		em	14	Large tree, fast-growing evergreen tree, drought resistance, Medicinal properties, good for roadside plantation.				
4	Cassia	assia fistula Bah		lava	11	Is widely grown as an ornamental plant. Growth for this tree is best in full sun on well-drained soil; it is relatively drought tolerant and slightly salt tolerant. It attracts bees and butterflies for pollination				
5	Couroupita	oupita guianensis Kailashr		pati tree	34	Flower attracts to bees. Carpenter bees such as Xylocopa frontalis, as well as wasps, flower flies, and bumblebees visit the flowers. Planted as an ornamental tree. It cultivated for its fragrance. It posses medicinal properties. Fruit is used to fed pigs and other fouls.				
6		emia flos- anae	Tan	ıhan	4	Leaves are used in the Philippines as a folk medicine for the treatment of diabetes and kidney diseases. The fruit are used India to cure mouth ulcers. The roots are also considered astringent and the seeds narcotic.				
7	Magnolia	champaca	Son C	hampa	6	It is a large evergreen tree. It is best known for its strongly fragrant yellow or white flowers.				



8	Ficus racemosa	Umber	Umber 8		Its fruits are a favorite staple of the common Indian macaque. It serves as a food plant for the caterpillars of the butterfly the Two-brand Crow.				
9	Neolamarkia cadamba	Kadamba	4		It is a quick growing , large traffic like spreading branches, its fragment orange flowers attracts pollinators, it helps in improving physical and chemical properties of soil, Shady, large tree, ball shaped flowers. It acquires profitable medicinal and commercial properties.				
10	Plumeria alba	Chapha	10)	Evergreen shrub has narrow elongated leaves, large and strongly perfumed white flowers with a yellow center, Planted as an ornamental plant Heart of the wood is part of a traditional medical preparation taken as a vermifuge or as a laxative.				
11	Cordia dichotoma	Cordia	Cordia 5		Cordia dichotoma is a small to moderate-sized deciduous tree with a short bole and spreading crown Family tree butterfly Arhopala micale Seed kernal has medicinal properties				
45	5.Total quantity of plar	its on ground							
46.Nun	nber and list of sl	nrubs and bushes	s species	to be pl	anted in the podium RG:				
Serial Number	Name	C/C Dista	nce		Area m2				
1	NA	NA	NA NA						
		47.E	nergy						
			00						
	47.Energy								



Source of power supply:Torrent Power Ltd.During Construction Phase: (Demand Load)100 KWDG set as Power back-up during construction phaseAs per requirementDuring Operation phase (Connected load):7424 KWDuring Operation phase (Demand load):1942 KW							
Phase: (Demand Load) 100 KW DG set as Power back-up during construction phase As per requirement During Operation phase (Connected load): 7424 KW During Operation phase (Demand load): 1942 KW							
Power back-up during construction phase As per requirement Power During Operation phase (Connected load): 7424 KW During Operation phase (Demand load): 1942 KW							
Power phase (Connected load): 7424 KW During Operation phase (Demand load): 1942 KW							
requirement: During Operation phase (Demand load): 1942 KW							
Transformer: 3 nos. of 630 KVA							
DG set as Power back-up during operation phase:1 DG set of 350 kVA							
Fuel used: HSD							
Details of high tension line passing through the plot if any:							
48.Energy saving by non-conventional method:							
Use of Solar PV Panels and Timer Controlled Operations for external lighting. Use of all Motors with VFD control. Use of LED lights with Time Controlled Operation. Use of solar water heating system.							
49.Detail calculations & % of saving:							
Serial NumberEnergy Conservation MeasuresSaving %							
Use of Solar PV Panels and Timer Controlled Operations for external lighting. Use of all Motors with VFD control. Use of LED lights with Time Controlled Operation. Use of solar water heating system.							
50.Details of pollution control Systems							
Source Existing pollution control system Proposed to be installed							
Not applicable Not applicable Not applicable							
Budgetary allocation (Capital cost and Capital cost: Rs.64.5 Lacs (Solar system)							
O & M cost:Rs.6.45 Lacs/annum (Solar system)							
51.Environmental Management plan Budgetary Allocat	ion						
a) Construction phase (with Break-up):							
a) Construction phase (with Break-up):	s)						
a) Construction phase (with Break-up):Serial NumberAttributesParameterTotal Cost per annum (Rs. In Lac							



Air, Noise Environment Cost for Gardening , Cost for Gardening , Cost for Ambient air & Noise Monitoring, Cost for DG Stack Exhaust Monitoring 21.02 International Cost for Stack Exhaust Monitoring 2 Water Environment Waste water treatment Rain Water Conserva-tion (Rain Water Harvesting System) Cost for RWH tank, Cost for RWH tank, Cost for Rainwater Monitoring 22.40 0.74 4 Land Environment (Solid Waste Management) Cost for RWH tank, Cost for Rainwater Monitoring 22.40 0.74 5 Energy Conserva-tion (Rain Water Solar system) Cost for Rainwater Monitoring 9.00 3.07 5 Energy Conservation Solar system 64.5 6.45 6 Cost towards Disaster management - 372.94 20.26 Status Description 8 Location Storage Capacity in MT Consumption MT Source of Source of Supplicable Consumption MT Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable				Air & Noise Quali							
3 Water Environment Site Sanitation 0.7.2 4 Land Environment Health & Hygiene Site Sanitation 5.00 5 Health & Hygiene Disinfection: Pest Control 4.80 6 Health & Hygiene Mealth Check Up of workers 18.00 Serial Number Component Environment & Biological Environment & Biological Environment & Biological Environment & Cost for Gardening , Cost for Gardening , Cost for Gardening , Cost for Swage Treatment Plants Cost for Waste water Monitoring - On site sensors, By outside MOEF Approved Laboratory 21.02 1.47 2 Water Environment (Soid Waste Management) Cost for Swage Treatment Plants Cost for Waste water Cost for RWH lank, Cost for RW	2	Air En	vironment	nment sensors & By outside MOEF Approved			10.88				
5 Health & Hygiene Disinfection: Pest Control 4.80 6 Health & Hygiene Health Check Up of Workers 18.00 5 Health & Hygiene Doperation Phase (with Break-up): Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. In Lacs/yr) 1 Air, Noise Environment & Biological Environment Cost for Gardening, Cost for Gardening, Cost for Gardening, Cost for Gardening, Cost for Gardening, Cost for RWH tank, for Waste water 21.02 1.47 2 Water Environment, Waste water treatment Cost for Sewage Treatment Plant, Cost for Rainyater 74.30 16.95 3 Water Environment, (Kain Water Harvesting System) Cost for RWH tank, Cost for RWH tank, Cost for Rainyater 22.40 0.74 4 Land Environment (Solid Waste Management) Cost for Treatment unit grabage in GWC, Cost for finding adding adding in GWC, Cost for finding adding in GWC, Cost for findin adding adding in GWC, Cost	3	Water E	nvironment			0.72					
5 Health & Hygiene Control 4.80 6 Health & Hygiene Health Check Up of workers Is.00 Serial Number Operation Phase (with Break-up): Serial Number Operation Cost for Gardening . Cost for Gardening . Cost for Gardening . Cost for Ambient air & Biological Environment & Biological Environment & Cost for Stack Environment & Cost for Stack Environment & Cost for Sewage Treatment Plant, Cost for Sewage Treatment Plant, Cost for Sewage Treatment Plant, Cost for Row Hank, Cost for treatment number of Laboratory 21.02 16.95 3 Water Environment - Cost for RWH Hank, Cost for Reatment unit reaver tarks, Cost for Reatment unit reaver tarks, Cost for Reatment of biodegradable garbage in 0WC. Cost Soft or Servet and the product of the produc	4	Land Ei	nvironment	Site Sanitation					5.00		
0 Telefile in the Tryglenie Nonverses 10.00 Serial Number Operation Phase (with Break-up): Serial Number Component Operation Maintenance cost (ks. In Lacs/yr) 1 Air, Noise Environment & Biological Environment Cost for Gardening, Cost for Amblent air & Noise Monitoring, Cost for Stack Exhaust Monitoring, Cost for Stack Exhaust Monitoring, Cost for Stack Exhaust Monitoring, Cost for Wate water for Waste water treatment 21.02 1.47 2 Water Environment - Waste water treatment Cost for Stack Exhaust Monitoring, Cost for Railywater Monitoring, Cost for Waste water for Waste water treatment unit for rain water tanss, Cost for Railywater Monitoring of orgenic manure 22.40 0.74 3 Water Environment (Solid Waste Management) Cost for Treatment unit for Train water tanss, Cost for Railywater Monitoring of orgenic manure 22.40 0.74 4 Land Environment (Solid Waste management) Cost for Treatment of biodigradable garfiage in GWC, Cost for monitoring of orgenic manure 9.00 3.07 5 Energy Conservation (Solid Waste Solar system 64.5 6.45 6 Cost towards Disaster io monitoring of orgenic manure 31.07 Source of Management Means of storage in mT 7 Status Location Storage capacity in MT Maximum qanatity piot of in MT Not applicable <	5	Health	& Hygiene		st				4.80		
Serial Number Component Description Capital cost Rs. In Lacs Operational and Maintenance cost (Rs. in Lacs/yr) 1 Air, Noise Environment & Biological Environment Cost for Gardening , Cost for Ambient air & Noise Monitoring Cost for DS Stack Exhaust Monitoring 21.02 1.47 2 Water Environment Waste water treatment Cost for Sevage Treatment Plant, Cost for Waste water Monitoring On site sensors , By outside MOEF Approved Laboratory 74.30 16.95 3 Water Environment- Waste water treatment Cost for RWH tank, Cost for RWH tank, Cost for RWH tank, Cost for Realwater Monitoring On site sensors , By outside MOEF Approved Laboratory 22.40 0.74 4 Land Environment (Sold Water Management) Cost for Treatment of biodegradable gradabing in ØVC, Cost for monitoring of organic manure 9.00 3.07 5 Energy Conservation Solar system 64.5 6.45 6 Cost towards Disaster management - 372.94 20.26 5 Energy Conservation Storage Capacity in MT Consumption for manity of time in MT Source of Marine in MT Means of transportation 6 Cost towards Disaster management Not applicable Not applicable Not applicable No	6	Health	& Hygiene		of				18.00		
Number Component Description Lacs cost (Rs. in Lacs/yr) 1 Air, Noise Environment & Biological Environment Cost for Gardening , Cost for Ambient ark & Noise Monitoring, Environment 21.02 1.47 2 Water Environment waste water treatment Plant, Cost for Waste water treatment Plant, Cost for Waste water treatment Plant, Cost for Granument and trains & Cost for Teatment Plant, Cost for Granument and treatment Plant, Cost for Granument and treatment Plant, Cost for Granument and treatment Plant, Cost for Treatment of biodegradable dorganic manure 22.40 0.74 4 Land Environment (Rain Water Harvesting System) Cost for Treatment of biodegradable dorganic manure 9.00 3.07 5 Energy Conservation (Solid Wards Disaster management) Solar system 64.5 6.45 6 Cost towards Disaster management - 372.94 20.26 Teaction Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable]	b) Operation Pl	hase	e (wi	th Brea	k-up):		
1 Bailogical Environment & Biological Environment & Biological Environment Cost for Amilient air & Noise Monitoring, Cost for DG Stack Exhaust Monitoring 21.02 1.47 2 Water Environment Waste water treatment Plant; Cost for Waste water Waste water treatment Plant; Cost for Waste water Monitoring Cost for Swage Cost for Swage Treatment Plant; Cost for Waste water Monitoring 74.30 16.95 3 Water Environment- Waste conserva-tion (Rain Water Harvesting System) Cost for RWH tank; Cost for Rainwater Monitoring 22.40 0.74 4 Land Environment (Solid Waste Management) Cost for Treatment of biodegradeble orgenic manure 9.00 3.07 5 Energy Conservation (Solid Waste Management) Cost for Treatment of biodegradeble orgenic manure 9.00 3.07 5 Energy Conservation (Solid Waste Management) Solar system 64.5 6.45 6 Cost towards Disaster management - 372.94 20.26 Status Means of transportation ^{orgenic manure of sorgenic manure Not monitoring of sorgenic manure Status Location Not management Storage Capacity in MT Maximunt of MI Source of supplicable Means of transportation}	Serial Number	Com	ponent	Description		Capi		s. In			
2 Water Environmention Treatment Plant, Cost for Waste water from Source of Grow Waste water Monitoring- On site sensors. By outside MOEF Approved Laboratory 74-30 16.95 3 Water Environmention Cost for RWH tank, Cost for treatment unit for rain water tanks, Cost for treatment unit for rain water tanks, Cost for Reader tanks, Cost for Treatment unit for monitoring of the monitoring of organic manure 22.40 0.74 4 Land Environment (Solid Waste Management) Cost for Treatment of biodegradable grabage in OWC, Cost or reatment unit or monitoring of organic manure 9.00 3.07 5 Energy Conservation Solar system 64.5 6.45 6 Cost towards Disaster management - 372.94 20.26 Junct tanks August tanks Storage	1	Enviro Bio	onment & logical	Cost for Ambient ai Noise Monitoring Cost for DG Stac	ir & ſ, k		21.02	C	0	1.47	, ,
3Water Environment Water Conserva-tion (Rain Water Harvesting System)Cost for treatment unit for rain water tanks , Cost for Rainwater Monitoring22.400.744Land Environment (Solid Waste Management)Cost for Treatment of biodegradable garbage in OWC, Cost for monitoring or organic manure9.003.075Energy Conservation Management)Solar system64.56.456Cost towards Disaster managementSolar system64.56.457Cost towards Disaster management372.9420.26Storage of chemicals (inflammater bulker) substance substanceMaximum Quantity of Storage at any point of in MTMaximum Quantity of Storage at any point of MTNot applicable <td cols<="" td=""><td>2</td><td></td><td></td><td>t Treatment Plant; C for Waste water Monitoring- On si sensors , By outsid MOEF Approved</td><td>cost te de</td><td colspan="2">74.30</td><td colspan="3">16.95</td></td>	<td>2</td> <td></td> <td></td> <td>t Treatment Plant; C for Waste water Monitoring- On si sensors , By outsid MOEF Approved</td> <td>cost te de</td> <td colspan="2">74.30</td> <td colspan="3">16.95</td>	2			t Treatment Plant; C for Waste water Monitoring- On si sensors , By outsid MOEF Approved	cost te de	74.30		16.95		
4Land Environment (Solid Waste Management)biodegradable garbage in OWC, Cost for monitoring of organic manure9.00 3.07 5Energy ConservationSolar system 64.5 6.45 6 $Cost$ towards Disaster management $ 372.94$ 20.26 51.Storage of charge of statusImage of the statusMaximum Quantity of Storage Capacity in MTMaximum Quantity of Storage Storage $Image of the status$ Maximum Maximum Quantity of statusSource of Source of Storage (Maximum MTMeans of source of source of source of source of statusMeans of tan any point of time in MTNot applicableNot applicabl	3	Water Co (Rai	onservation n Water	Cost for treatment unit for rain water tanks , Cost for Rainwater		nit 22.40			0.74		:
6 Cost towards Disaster management 372.94 20.26 51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances) Description Status Maximum Quantity of Storage Capacity in MT Consumption data any point of time in MT Source of Supply Means of transportation Not applicable	4	(Soli	d Waste	biodegradable garbage in OWC, C for monitoring o	Cost f		9.00			3.07	,
6 management - 372.94 20.26 51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances) Description Status Means of chemicals (inflamable/explosive/hazardous/toxic substances) Description Status Location Storage Capacity in MT Maximum Quantity of Storage capacity in MT Source of Supply Means of transportation Not applicable	5	Energy C	Conservation	Solar system			64.5			6.45)
substancesDescriptionStatusLocationStorage Capacity in MTMaximum Quantity of Storage at any point of time in MTConsumption / Month in MTSource of SupplyMeans of transportationNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable	6						372.94			20.2	6
DescriptionStatusLocationStorage Capacity in MTMaximum Quantity of Storage at any point of time in MTConsumption / Month in MTSource of SupplyMeens of transportationNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable	51.S	torag	e of ch				-	osiv	/e/haz	zardou	s/toxic
DescriptionStatusLocationStorage Capacity in MTQuantity of Storage at any point of time in MTConsumption / Month in MTSource of SupplyMeans of transportationNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable			>	sub	sta	nce	es)				
Not applicable Applicable Not applicable Appli	Descri	ption	Status	Location	Сар	acity	rage Ouantity of Consu Storage at any point of time in		onth in		
	Not app	licable		Not applicable				Not a	pplicable		Not applicable
		52.Any Other Information									
No Information Available	No Informa	tion Availa	ble								



	53.Traffic Management						
	Nos. of the junction to the main road & design of confluence:	Two entry/ exits					
	Number and area of basement:	NA					
	Number and area of podia:	NA					
	Total Parking area:	8501.00 Sq. mt.					
	Area per car:	As per NBC					
	Area per car:	As per NBC					
Parking details:	Number of 2- Wheelers as approved by competent authority:	22 Nos.					
	Number of 4- Wheelers as approved by competent authority:	341 Nos.					
	Public Transport:	NA					
	Width of all Internal roads (m):	Minimum 6.00 mt.					
	CRZ/ RRZ clearance obtain, if any:	NA					
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Sanjay Gandhi National Park: Within 12.00 Km, Tungareshwar Wildlife Sanctuary: Within 4.00 Km					
	Category as per schedule of EIA Notification sheet	8 (a)					
	Court cases pending if any	NA					
	Other Relevant Informations	NA					
S	Have you previously submitted Application online on MOEF Website.	Yes					
	Date of online submission	13-09-2016					
	Brief information of the project by SEAC						



Minutes of 51st SEAC-1 meeting :

Representative of PP, Vinod Kumar Singhal & Architect Alvin Foujee were present during the meeting along with environmental consultant M/s Ultratech. PP informed that they have received IOD & Commencement Certificate on 30/09/2011 & 29/10/2011 respectively.

PP informed that they have completed construction admeasuring 18,775.16 m2 prior to EC. Further, PP requested to reappraise the project as per circular of Environment Dept. dated 21/04/2015 issued on the basis of High Court orders. Committee observed that construction admeasuring 18,775.16 m2 prior to EC is violation of the provisions of EIA Notification. However, considering High Court orders and subsequent circular of Environment Department dated 21/04/2015, Committee appraised the matter.

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. PP stated that total plot area is 24,969.37 m2 & total construction area proposed in this meeting of the project is 48,363.99 m2. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC

During discussion following points emerged:

1. PP & Architect to submit undertaking on legal paper regarding construction undertaken is by them is less than 20,000 m2 & if it is false, PP is liable for further legal action as per the law. PP to submit detailed statement for the construction completed till date.

2. PP to provide measures for adequate light & ventilation in the buildings.

3. It is observed that there are no sewer lines & no storm water drainage lines constructed up to the project site. Not connected yet. Therefore, PP to ensure that no possession shall be given before completion of the sewer lines & storm water drainage line and permission for the connection to the same by the competent authority. Local body to ensure the same. PP to ensure that no possession shall be given before completion & connection to sewer lines, storm water drainage lines & water supply.

4. PP to submit letter of commitment for drinking water to the project from Municipal Corporation. 5. PP to ensure that no treated or untreated sewage water should be released in storm water drainage lines or in nearby water bodies.

6. PP to ensure that BOD of the treated water should be 5 mg/lit.

7. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon?ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017

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Anand B. Kulkarni

Approved

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions

SHAAAGINDA OOOOOOOOOOOOOO



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 159 of 262 (Chairman SEIAA)

			SEIAA Meeting						
	SEIAA Meeting n	umber: SI	EIAA Meeting No. 110 Meeting	Date May 2, 2017					
Subject: Environment Clearance for Residential Development with Shops at Kolshet, Thane									
		Maharashtra State Finance Corporation (MSFC), United India Building, Jumbai-01 Time : 10.00 AM							
1.Name of P	roject	Residential D	Residential Development with Shops at Kolshet, Thane						
2.Type of ins	stitution	Private							
3.Name of P	roject Proponent	M/s. Sai Prab	hat Buildcon LLP						
4.Name of C	Consultant	M/s. Ultra-Te GoI)	ch (An ISO 9001-2008 Company, Accredite	d by NABET, Lab : Gazetted by MOEF,					
5.Type of pro	oject	Housing proj	ect Category 8 (a)						
	ct/expansion in existing ernization/diversification project	New Project		6					
whether env	on/diversification, rironmental clearance tained for existing	xe NA							
8.Location o	of the project		91/1, 191/3, 191/5, 193/2pt, 193/3, 193/4, 1 ge Kolshet, Tal. Thane, Dist. Thane, Mahar						
9.Taluka		Thane		9					
10.Village		Kolshet							
11.Area of th	he project	Thane Municipal Corporation (T.M.C.)							
12.IOD/IOA/	Concession/Plan	Sanction of Development Permission IOD/IOA/Concession/Plan Approval Number: Certificate No. 2684							
Approval Nu			uilt-up Area: 49089.79	cate No. 2084					
13.Note on t applicable)	the initiated work (If	NA							
14.LOI / NO	C / IOD from MHADA/ vals (If applicable)	NA							
	t Area (sq. m.)	47,400.00 Sg. m.							
16.Deduction	ns	18,596.35 Sq. m.							
17.Net Plot	area	28,803.65 Sq. m.							
40.0		a) FSI area (sq. m.): 49,037.26							
18.Proposed Non-FSI)	l Built-up Area (FSI &	b) Non FSI area (sq. m.): 65,681.18							
		c) Total BUA area (sq. m.): 1,14,718.44							
-	ound coverage (m2)	4892.30							
	coverage Percentage (%) entage of plot not open	16.98 % of Net Plot Area							
21.Estimate	d cost of the project	1751900000							
	22.Numl	ber of l	ouildings & its config	guration					
Serial number	Building Name & r	number	Number of floors	Height of the building (Mtrs)					
1	Sale Building: Building A1		Basement + Stilt + 1 Podium + 19 Floors	64.10					
2	Sale Building: Build	ling A2	Basement + Stilt + 1 Podium + 19 Floors	64.10					
3	Sale Building: Build	ling B1	Basement + Stilt/Ground + 2 Podia + 22 Floors	77.00					
4	Sale Building: Build	ling B2	Basement + Stilt/Ground + 2 Podia + 22 Floors	77.00					



5	Sale B	uilding: Building B3	Basement -	- Stilt/Ground + 2 Podia + 22 Floors	a 77.00		
6	Sale B	uilding: Building C1	Basement -	- Stilt/Ground + 2 Podia + 22 Floors	a 77.00		
7	Sale B	uilding: Building C3	Basement -	- Stilt/Ground + 2 Podia + 22 Floors	a 77.00		
8	Sale B	uilding: Building D	Baseme	nt + Stilt + 26 Floors	82.50		
9	Composite	e Building : Building C2	Basement -	- Stilt/Ground + 2 Podia + 22 Floors	^a 77.00		
10	Shopping	Center (Reservation)	Basement	+ Ground + 2 + 3(pt) Floors	17.55		
23.Number tenants an		Sale: Flats: 659 nos. Shops: 12 nos. Composite Building: Sale Flats: 57 nos. MHADA: 26 nos. Shopping Center: 119 r	105. of shops		005		
24.Number expected re users		Sale: 3331 nos., Compo	osite: 415 nos	., Shopping Center: 152	25 nos. (floating population)		
25.Tenant per hectar		303/hector					
26.Height building(s)							
27.Right of (Width of t from the n station to t proposed h	the road earest fire the	40.00 m. wide D.P. Roa	d	P			
28.Turning for easy ac fire tender movement around the excluding for the plat	cess of from all building the width	Minimum 9.0 m. to 13.2	20 m.	,			
	29.Existing structure (s) if any						
30.Details demolition disposal (I applicable)	with f	NA					
	GV	31.1	Product	ion Details			
Serial Number	Pro	duct Existing	g (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not ap	plicable Not ap	plicable	Not applicable	Not applicable		
	32.Total Water Requirement						



	Source of w	ater	T.M.C.								
	Fresh water	r (CMD):	345 KLD	345 KLD							
	Recycled wa Flushing (C		185 KLD	185 KLD							
	Recycled wa Gardening		66 KLD								
	Swimming make up (C		6 KLD								
Dry season:	Total Water Requirement:		602 KLD								
	Fire fightin Undergroun tank(CMD)	nd water	100 Cum/bi	uilding							
	Fire fightin Overhead w tank(CMD)	vater	235 KLD								
	Excess trea	ted water	164 KLD								
	Source of w	vater	T.M.C.								
	Fresh water	r (CMD) :	From T.M.C. = 302 KLD + From RWH tanks = 43 KLD								
	Recycled wa Flushing (C		185 KLD								
	Recycled wa Gardening		NA								
	Swimming make up (C		6 KLD								
Wet season:	Total Water Requirements		536 KLD								
	Fire fightin Undergroun tank(CMD)	nd water	100 Cum/bi	uilding							
	Fire fightin Overhead w tank(CMD)	ater	235 KLD								
	Excess trea	ted water	230 KLD								
Details of Swimming pool (If any)	Swimming p	ool volume	- 432 m3								
33.Details of Total water consumed											
Particula rs Con	sumption (Cl	MD)		Loss (CMD))	Ef	ffluent (CM	D)			
Water Require ment Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
	· ·										



	Level of the Ground water table:	3.0 m. below ground level					
	Size and no of RWH tank(s) and Quantity:	Building A1 & A2 -1 RWH tank of capacity 41 KL, Building B1, B2, B3 -1 RWH tank of capacity 67 KL, Building C1, C2, C3 - 1 RWH tank of capacity 71 KL, Building D - 1 RWH tank of capacity 31 KL, Shopping Center -1 RWH tank of capacity 86 KL					
	Location of the RWH tank(s):	Building A1 & A2: Ground , Building B1, B2, B3, C1, C2, C3: First podium, Building D and Shopping Centre: Basement					
34.Rain Water Harvesting	Quantity of recharge pits:	NA					
(RWH)	Size of recharge pits :	NA					
	Budgetary allocation (Capital cost) :	Rs. 44.60 Lacs					
	Budgetary allocation (O & M cost) :	Rs. 1.76 Lacs/annum					
	Details of UGT tanks if any :	Building A1 & A2: Basement Building B1, B2, B3, C1, C2, C3, D and Shopping Center: Below Basement					
	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the external drain.					
35.Storm water drainage	Quantity of storm water:	0.68 m3/sec					
	Size of SWD:	Capacity of internal SWD: 1.23 m3/sec					
	Sewage generation in KLD:	Building A1 & A2 - 84 KLD, Building B1, B2, B3, C1, C2 & C3 - 293 KLD, Building D & Shopping Center - 84 KLD					
	STP technology:	SBR (Sequential Batch Reactor)					
Sowago and	Capacity of STP (CMD):	Building A1 & A2 - 100 KL, Building B1, B2, B3, C1, C2 & C3 - 325 KL, Building D & Shopping Centre - 105 KL					
Sewage and Waste water	Location & area of the STP:	Underground. Building A1 & A2 - 119 Sq. m., Building B1, B2, B3, C1, C2 & C3 - 283 Sq. m., Building D & Shopping Centre - 139 Sq. m.					
	Budgetary allocation (Capital cost):	Rs. 129.15 Lacs					
	Budgetary allocation (O & M cost):	Rs. 41.00 Lacs/annum					
	36.Solie	d waste Management					
Waste generation in	Waste generation:	The excavated earth shall be partly reused on site and partly disposed to authorized landfill site.					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction waste shall be partly reused on the site and partly will be disposed to the authorized landfill site					
	Dry waste:	626 kg/day					
	Wet waste:	1200 kg/day					
Waste generation	Hazardous waste:	NA					
in the operation Phase:	Biomedical waste (If applicable):	NA					
	STP Sludge (Dry sludge):	72 kg/day					
	Others if any:	NA					
6 Dama		A. 1. 0. 10 H.					

Alama .			Anand B. Kulkarni
Shri Satish.M.Gavai	<i>gg</i>		Shri. Anand Kulkarni
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		Dry waste:		Non recycla	able: T	o T.M.	.C. and Recv	clable	: To re	cvclers	
		Wet waste		Non recyclable: To T.M.C. and Recyclable: To recyclers Organic Waste Converters (OWC)							
		Hazardous waste:		NA							
Mode of Disposal of waste:		Biomedica applicable	l waste (If	NA							
		STP Sludg sludge):	e (Dry	As manure							
		Others if a	ny:	NA							
		Location(s):	Ground Lev	vel						
Area requirem	ent:	Area for th of waste & material:			Building A1 & A2 - 63 Sq. m., Building B1, B2, B3, C1, C2 & C3 - 79 S m. and Building D & Shopping Center- 63 Sq. m.						
		Area for m	achinery:	36 Sq. m.							
Budgetary		Capital cos	st:	Rs. 27.00 L	acs (C	ost for	treatment o	f biod	egrada	ble garbage in OWC)	
(Capital co O&M cost)		O & M cos	t:	Rs. 6.67 La	cs (Co	st for t	treatment of	biode	gradab	le garbage in OWC)	
			37. E	ffluent C	hare	cter	estics				
Serial Number	Paran	neters	Unit	Inlet E Charect			Outlet I Charect			Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicable	Not ap	plicabl	ole Not applicable Not applicable					
Amount of effluent generation Not appli			Not applic	pplicable							
Capacity of	the ETP:		Not applic	able							
Amount of t recycled :	reated efflue	ent	Not applic	applicable							
Amount of v	water send to	o the CETP:	Not applic	applicable							
Membership	p of CETP (if	f require):	Not applic	t applicable							
Note on ET	P technology	v to be used	Not applic								
Disposal of	the ETP sluc	lge	Not applic	able							
			38.H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	Not apj	plicable	Not applicable	Not applicable	N appli	ot cable	Not applicable		ot cable		
			39.S	tacks em	issio	n De	etails				
Serial Number	Section	& units		sed with antity	Stacl	k No.	Height from ground level (m)	Internal diameter (m)		Temp. of Exhaust Gases	
1	Not apj	plicable	Not ap	plicable	N appli	ot cable	Not applicable		ot cable	Not applicable	
			40.De	tails of H	uel	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	е	N	Not applicabl	е		Not applicable	
41.Source o	of Fuel		Not	applicable							
42.Mode of	Transportat	ion of fuel to	site Not	applicable							



		Total RG a	rea :	7201 Sq. m					
		No of trees	s to be cut	Cut trees - 5 nos., Transplanted trees - 4 Nos.					
43.Gree	n Belt	Number of be planted		510 nos.	10 nos.				
Develop	ment	List of pro native tree		As given be	low in List of proposed p	lantation on ground			
		Timeline f completion plantation	n of	Before occu	Before occupation				
	44.Nu	mber and	d list of t	rees spe	cies to be planted	d in the ground			
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance			
1	Mangife	ra indica	Ma	ngo	70	It is large evergreen and shady tree. Its uses are clearing digestion and acidity due to pitta (heat). Medicinal properties are attributed to different parts of mango tree.			
2	Mangifera indica		Ma	ngo	70	It is large evergreen and shady tree. Its uses are clearing digestion and acidity due to pitta (heat). Medicinal properties are attributed to different parts of mango tree.			
3	Plumeria	eria species White Fr		rangipani	75	This flower one kind of plant, which is usually used as ornamental plants, because the flowers are fragrant and beautiful view. Besides useful as ornamental plants, frangipani flowers are also often used as a traditional medicine to address several diseases. Among ulcers, gonorrhea (gonorrhea), swelling, warts, calluses, smoothes the skin and yaws.			
4	Azadirac	hta indica	Ne	em	72	Large tree, fast- growing evergreen tree, drought resistance, Medicinal properties, good for roadside plantation.			
5	Mimuso	usops elengi Ba		kul	77	Shady medium-sized evergreen tree, small white fragrant flowers, Its timber is valuable, the fruit is edible, and it is used in traditional medicine.			
6	Lagestrom	ia speciosa	Tamhan		71	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers, it has medicinal properties, wood is commercially used. Helps to control soil erosion			
7		ovalifolia	Moulmein Rosewoo		72	Its wood is mainly used for making furniture. It is grows on wide variety of soils. It has medicinal properties.			
45	5.Total qua	ntity of plar	nts on grou	nd					
46.Nun	iber and	list of sl	hrubs an	d hushes	species to be pla	anted in the podium RG:			

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



Serial Number		Name	C/C Distance	Area m2				
1	NA		NA	NA				
			47.Energ	У				
		Source of power supply :	Maharashtra State	Electricity Distribution Company Limited (MSEDCL)				
		During Construc Phase: (Demand Load)	tion 100 KW	100 KW				
		DG set as Power back-up during construction pha	As per requiremen	t				
		During Operation phase (Connecte load):		05				
Pov require		During Operation phase (Demand load):	n 4334 KW					
		Transformer:	4 Nos of 990 kVA e	each				
		DG set as Power back-up during operation phase:	D.G. Set of capacit 600 kVA; Building	2 - D.G. Set of capacity 380 kVA Building ; B1, B2, B3 - city 625 kVA; Building C1, C2, C3 - D.G. Set of capacity ng D - D.G. Set of capacity 600 kVA and Shopping of capacity 600 kVA				
	Fuel used:		Diesel	Diesel				
		Details of high tension line pass through the plot any:						
		48.Energy s	saving by non-cor	ventional method:				
All Motors v All water pu LED light w T5 & CFL li BEE 5 Star	with VFD co ump motors ith timer co ght with Op rated AC ur	ntrol with high efficiency ntrol Operated erated amount of lig	motors with high low lev	imer controlled Operation vel sensors				
		49.Det	tail calculations &	x % of saving:				
Serial Number	I	Energy Conservatio	on Measures	Saving %				
1	PV Pane Operation pump mo low lev Operated light BE	Is and rest lighting v on All Motors with V tors with high efficie rel sensors LED light T5 & CFL light with	h Operated amount of nit Provision of solar	20 %				
		50.Deta	ails of pollution c	ontrol Systems				
Source	Ex	xisting pollution co	ontrol system	Proposed to be installed				
Not	Not applicable			Not applicable				



	dgetary allocation Capital cost:			Rs. 1631.62	Lacs (Solar system)			
	cost and cost):	O & M cos	t:	Rs. 16.32 L	acs/annum (Solar system	n)		
51	.Enviro	onmen	tal Mar	nageme	nt plan Budg	etary Allocation		
		a)	Constru	ction pha	se (with Break-u	ıp):		
Serial Number	Attril	butes	Para	meter	Total Cost	per annum (Rs. In Lacs)		
1	Air Envi	ronment	Dust Sup	opression		5.40		
2	Air Envi	ronment	monitorin	se Quality ng - Onsite sors		10.00		
3	Air Envi	ronment	monitoring	se Quality - By MOEF Laboratory	0.66			
4	Water Env	vironment		ig water lysis		0.54		
5	Land Env	ironment	Site Sa	nitation		5.00		
6	Health &	Hygiene	Disinfect	ion at site	6	3.60		
7	Health &	Hygiene		heck up of •kers		27.00		
8	Health &	Hygiene	First aid	facilities		0.06		
9	Health & Hygiene			protective oment		3.75		
10	Cost towards Disaster Management					144.64		
		b) Operat	ion Phas	e (with Break-up):		
Serial Number	Comp	onent	Descr	ription	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air Enviro Biolo Enviro	gical	Cost for C	Gardening	57.21	1.20		
2		onment & gical nment		nbient air & onitoring	No set up cost is involved	0.22		
3	Biolo	onment & gical nment		DG Stack Monitoring	No set up cost is involved	0.14		
4	Water Env Waste wate	ironment - r treatment		r sewage ent Plants	111.15	39.92		
5	Water Environment - Waste water treatment Monitori		Monitorin	Vaste water 1g - On site sors	18.00	1.00		
6	Water Environment - Monitoring		⁷ aste water J - By MoEF Laboratory	No set up cost is involved	0.08			
7	Water Env Water Cor (Rain Harvestin	nservation Water	Cost for F	RWH tanks	29.60	1.48		



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8	Water C (Rai	nvironment onservation n Water ing System)				15.00			0.05	
9	Water C (Rai	nvironment onservation n Water ing System)		Rain Water Quality Monitoring		No set up cost is involved			0.23	
10	(Soli	nvironment d Waste agement)	Cost for Treatmen biodegradable garbage in OW)		27.00			6.43	
11	(Soli	nvironment d Waste agement)	Cost for monitorin OWC manure		No	set up cost involved	is		0.24	-
12	Energy (Conservation	Solar system			1631.62			16.32	2
13		ards Disaste agement	r _			2164.79			21.65	5
51.S	storag	e of ch	emicals (inf sul		nabl ance	_	osiv	e/haz	zardou	s/toxic
Descri	ption	Status	Location	Sto Location Cap in		Maximum Quantity of Storage at any point of time in MT	/ Me	umption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applicable		Not olicable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.Any O	the	r Info	rmatior	ı			
No Informa	tion Availa	ble								
			53.Traff	fic N	lana g	jement				
		Nos. of t to the m design o confluen	1	. of ei	ntry and	l exit				
	S									



	Number and area of basement:	1 Basement for Building A1, A2, B1, B2, B3, C1, C2, C3, D and Shopping center
	Number and area of podia:	2 Podia for Building B1, B2, B3, C1, C2 and C3 1 Podium for Building A1 and A2
	Total Parking area:	4 â?? Wheeler: 23997.00 Sq. m. And 2 â?? Wheeler: 4746.00 Sq. m.
	Area per car:	As per NBC
	Area per car:	As per NBC
Parking details:	Number of 2- Wheelers as approved by competent authority:	Required - 1126 nos., Provided - 1130 Nos.
	Number of 4- Wheelers as approved by competent authority:	Required - 993 nos., Provided - 995 Nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.0 m. to 12.0 m.
	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. 3 km
	Category as per schedule of EIA Notification sheet	Category 8 (a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	20-08-2015
	Brief informa	tion of the project by SEAC



Minutes of 105th SEIAA meeting : _

The Authority noted that the proposal was considered by SEAC-II in their 48th meeting under screening category 8a (B2) as per EIA Notification, 2006. The proposal was submitted by PP for total plot area of 47400.00 Sq.m, BUA of 114718.44 Sq.m. The project proposal was discussed on the basis of consolidated statement, compliance of issues raised by SEAC-II submitted by PP, layout plan, floor plan, location of environmental infrastructures like STP, RWH, SWM, Disaster Management plan, parking plan etc. It was noted that the SEAC-II had recommended the proposal to SEIAA subject to compliance of the points raised by SEAC as below:-

1. PP, if applicable, to obtain NOC from Wild Life Board in terms of OM of MoEF dated 30/03/2015. Further, it is informed that part of the project falls within 3 kms of SGNP. PP & concerned Municipal Corporation to ensure the compliance of the NGT order dated 03/12/2015 in the application MA.No.125/2014 before issuing commencement certificate for further construction permissions in the area.

2. PP should not give possession till the time sewer line constructed and connected to the project. Local Body to ensure the same and should not give Occupation Certificate till the time sewer lines connected.

3. PP to provide tertiary treatment to achieve BOD of 5 mg/lit. PP to submit detailed report on STP technology proposed along with mass flow diagram considering dry and wet season.

4. PP shall operate and maintain Environmental Management Facilities (EMF) & fire-fighting system for 5 years after giving possession and shall also generate corpus fund for next 5 years.

5. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013. In 105th meeting of SEIAA, Authority noted that, PP has obtained IOD vide No. SOS/0042/11dated 13.01.2016for total built up area of 51169.95Sq.m. out of toal BUA of 114718.44 Sq.m.

DECISION OF SEAC



Anana B. Kulkarni

After detailed deliberation, while agreeing with the stipulations as recommended by SEAC-II in its 48th meeting and compliance submitted by PP, the SEIAA decided to defer the consideration of the proposal till PP submits compliance of the following additional points:-

i) PP shall increase the width of the basement ramp in the shopping centres to 7.5 mtrs. from 6 mtrs and turning radius to be maintained at 9 mtr.

ii) Sustained water supply to the project will be provide by Thane Municipal Corporation However, as of now, there is no existing sewer connectivity. As per letter dated 19.10.2015, from TMC it has been informed that the TMC is in the process of implementing comprehensive sewerage system. It has also been stated that the probable time frame for completion of the project will be within three years after sanction of funds for the project. In view of this the Occupancy Certificate shall be issued by the Local Planning Authority to the project only after personally ensuring the sustained water availability, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms by the officals of the local palnning authority.

iii) PP shall submit an affidavit for ensuring the BOD of treated STP water to be less than 5 mg/L.

iv) Separate meter room shall be privded for shopping complex (G+3).

v) PP shall ensure that open the stair case of the shopping complex is opened out side the building on the ground floor instead of lobby for speedy evacuation of the residents during emergency.

vi) The width of the ramp going to the basement of building A, B & C to provide an exist ramp and its width be increased from six meters to 7.5 mters for two way movement of vehicles or six meter wide for one way movement of the vehicles.

vii) All electrical panels/pumps/controls shall be located on ground level in all buildings.

viii) PP informed that part of the project falls within 10 kms of SGNP. PP shall obtain NOC from Wild Life Board in terms of OM of MoEF dated 30/03/2015. Further, PP & concerned Municipal Corporation to ensure the compliance of the NGT order dated 03/12/2015 in the application MA.No.125/2014 before issuing commencement certificate for further construction permissions in the area.

ix) PP to dispose the e -waste as per E-waste Rules, 2016.

x) Separate meter room shall be provided for shopping complex.

Specific Conditions by SEAC:

SEIAA DECISION

Approved

Specific Conditions by SEIAA:

1) The Occupation Certificate shall be issued by the local planning authority only after ensuring sewer connectivity and water supply connectivity

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



SEIAA Meeting

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Redevelopment of Residential project

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building,
1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

150 11001,	SII I .IVI.IXUAU, I'UI'I IV.	iumpai-01	11111E . 10.00 AM					
1.Name of P	roject	Redevelopme	ent of residential project					
2.Type of ins	stitution	Private						
3.Name of P	roject Proponent	Lakhani Real	ty LLP.					
4.Name of C	onsultant	Dr. D. A. Pati	il, Mahabal Enviro Engg. Pvt. Ltd.					
5.Type of pro	oject	Housing Proj	ect					
1 3	ct/expansion in existing ernization/diversification roject	Modernizatio	n	5				
whether env	on/diversification, ironmental clearance tained for existing	Not applicab	le	00-				
8.Location o	f the project		a CHS. LTD. & New Soni CHS. LTD, Plot 1 larg (Agra Road), Thane West	no208/4, 214/6 opposite Divisional Forest				
9.Taluka		Thane						
10.Village		Panchpakhad	li					
11.Area of th	ne project	Thane Municipal Corporation						
40 100 /00 //		TMC approval						
12.IOD/IOA/ Approval Nu	Concession/Plan mber	IOD/IOA/Co	ncession/Plan Approval Number: S3T/0	0019/16TMC/TDD/2068/17 dt. 28/02/2017				
pp-o-tai i ta		Approved B	uilt-up Area: 15088.68					
13.Note on t applicable)	he initiated work (If	no work initiated						
	C / IOD from MHADA/ vals (If applicable)	-						
15.Total Plo	t Area (sq. m.)	8296 m2						
16.Deductio	ns	Area under M.R.T.S. Reservation on Vandana CHS.: 203.52 m2 , Area under M.R.T.S. Reservation on New Soni chs: 135.23 m2, Subdividing for plot type-C: 1310.57 m2						
17.Net Plot a	area	6646.68 m2						
		a) FSI area	(sq. m.): 18,610.10 m2					
18.Proposed Non-FSI)	Built-up Area (FSI &	b) Non FSI area (sq. m.): 27,831.17 m2						
		c) Total BUA area (sq. m.): 46,441.27 m2						
19.Total gro	und coverage (m2)	4183						
	overage Percentage (%) entage of plot not open	50						
21.Estimate	d cost of the project	125000000						
	22.Num	ber of l	buildings & its confi	guration				
Serial number	Building Name & I	number	Number of floors	Height of the building (Mtrs)				
1	Devildin er 1			00 50				

number	<u> </u>			5 5 7
1	Building 1		2 B+G+ 2P+26 Floors	90.50
2	Building 2		2 B+G+ 2P+26 Floors	90.50
3	MHADA bldg		G+7	25
4	Club House		2 Floors (Above Podium)	
23.Number of tenants and shops		No. of tenements: 222, 5	Shops: 20 nos	



24.Number expected re users		1150 nos	.150 nos						
25.Tenant per hectare		267 nos/Ha							
26.Height (building(s)									
27.Right of (Width of t from the ne station to t proposed b	he road earest fire he	Site is acces is about 1.5	ssible by Eas km.	stern Expres	s Highway and Service ro	ad of 18.0 m, Fire station location			
for easy acc fire tender movement around the excluding t	28. Turning radius for easy access of ire tender novement from all uround the building excluding the width for the plantation								
29.Existing structure (yes, 6 numb	yes, 6 number of buildings G+3 storey						
demolition disposal (If	30.Details of the demolition with disposal (If applicable)Demolition Quantity: 1495 m3, Disposal: Will be disposed as per directions of district collect TMC					per directions of district collector/			
	31.Production Details								
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not apj	plicable		plicable Not applicable Not applicable					
					r Requirement	t			
		Source of		TMC					
			water (CMD): 101						
		Recycled w Gardening	vater -	9					
		Swimming make up (3					
Dry season		Total Wate Requireme :		157					
	5	Fire fightin Undergrou tank(CMD)	nd water	As per fire I	NOC				
		Fire fightin Overhead tank(CMD)	water	As per fire NOC					
		Excess trea	ated water	81					



		Source of	water	TMC						
		Fresh wate		81						
		Recycled v Flushing (vater -	53						
		Recycled v Gardening	vater -	0						
5		Swimming make up (pool	0						
Wet season:		Total Wate Requireme	er	157						
		Fire fighti Undergrou tank(CMD	ind water	As per fire	NOC			6		
		Fire fighti Overhead tank(CMD	water	As per fire	NOC					
		Excess tre	ated water	90						
Details of S pool (If any		open to sky								
		3	B3.Detail	s of Tota	l water o	consume	d			
Particula rs	Consumption (CMD)				Loss (CMD)		E	ffluent (CM	D)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
		Level of th water tabl		2-5 m						
		Size and n tank(s) an Quantity:		2 tanks of 40 m3 total capacity						
		Location o tank(s):	of the RWH	Underground						
34.Rain V Harvestir		Quantity o pits:	f recharge							
(RWH)		Size of rec :	harge pits							
	SY	Budgetary (Capital co	allocation ost) :	9.5 Lakh						
		Budgetary (O & M co	allocation st) :	1 lakh/yr						
		Details of if any :	UGT tanks	Dosmestic water tanks, fire tank and flushing tank.						
35.Storm	wator	Natural wa drainage p		SWD alread	ly present at	site				
drainage	walci	Quantity o water:		0.25 m3/s						
		Size of SW	D :	600 mm wide channel						
	Shri Satish.M.Gavai (Member Secretary SEIAA)		No: SEIAA N g Date: May			e 174 Shri.	and B. Ku Anand Kulka irman SEIAA	arni		

		Sewage ge in KLD:	neration	144 KLD						
		STP techn	ology:	MBBR Technology						
Sewage a	and	Capacity o (CMD):	f STP	150 KLD						
Waste water		Location & the STP:	area of	Basement						
		Budgetary (Capital co	allocation ost):	38 lakh						
Budgetary allocation (O & M cost):				9.5 lakh/yr						
			86.Soli	d waste Mana	gement	5				
Waste gene	eration in	Waste gen	eration:	40,000 m3						
the Pre Cor and Constr phase:	nstruction	Disposal o constructi debris:		The construction debris plinth filling	will be utilized at site fo	r Road Paving and				
		Dry waste:		229 kg/d						
		Wet waste	•	344 kg/d						
Waste gei	neration	Hazardous	waste:							
in the operation Phase:		Biomedica applicable		-						
		STP Sludg sludge):	e (Dry	2 m3/d						
		Others if a	ny:	Household E waste gene	eration					
		Dry waste:		Dry garbage will be seg	regated & disposed off to	o recyclers				
		Wet waste	:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping.						
Mode of I	Disposal	Hazardous	waste:	NA						
of waste:		Biomedica applicable	l waste (If):	NA						
		STP Sludg sludge):	e (Dry	2m3/d Sludge use as manure for gardening						
		Others if a	0	Household E waste will be handed over to authorized vendors						
		Location(s		Ground						
Area requirem	e nt:	Area for th of waste & material:		15 m2						
(GY	Area for m	achinery:	20 m2						
Budgetary		Capital cos	st:	14 lakh						
(Capital cost):		O & M cos	t:	5.6 lakh/yr						
			37.Ef	fluent Charectere	estics					
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)				
1	Not apj	plicable	Not applicable	Not applicable	Not applicable	Not applicable				
Amount of et (CMD):	ffluent gene	ration	Not applica	ble						



Capacity of	the ETP:		Not a	pplica	ble						
Amount of t recycled :	reated efflu	ent	Not a	pplica	ble						
Amount of v	vater send t	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						
			3	8.H a	zardous	Was	ste D	etails			
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	To	tal	Method of Disposal
1	Not ap	plicable	N appli		Not applicable	N appli	ot cable	Not applicable	Ne applie		Not applicable
			3	89.St	acks em	issio	on De	etails			0,
Serial Number	Section & units			ed with ntity	Stac	k No.	Height from ground level (m)	Inte diam (n	eter	Temp. of Exhaust Gases	
1	Not ap	plicable	Not applicable Not applicable applicable		No applio		Not applicable				
			4	D.De	tails of F	uel	to be	e used			
Serial Number	Тур	pe of Fuel			Existing			Proposed			Total
1	Not	applicable			Not applicabl	e	Λ	Not applicabl	.e		Not applicable
41.Source of Fuel				Not a	pplicable						
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable						
		Total RG a									
		No of trees	s to be	to be cut 60 nos							
43.Gree	n Belt	Number of be planted									
Develop	ment	List of pro native tree		oosed Mango Nandruk, Palm Asoka Franginani Gulu					nohar, Kusum		
		Timeline f completion plantation	n of	1 of 2 years							
	44.Nu	mber and	l list	of t	rees spe	cies	to b	e plante	d in t	t he g	ground
Serial Number	Name of	the plant	Co	ommo	n Name		Qua	ntity	Cha		eristics & ecological importance
1	Magnife	ra Indica		ma	ngo		1	9		5-131	rees grow to 35-40 m ft) tall, with a crown is of 10 m (33 ft).
2		crocarpa 1n.f		Nan	druk		1	9	Sh	ady tr	ee, good for roadside plantation
3	Mimuso	ps elengi		Ba	kul		2	5	Shady tree, small white fragrant flowers		
4	Carros	asoca		Ase	aka		C	24 Shady tree with red-yellow flowers			



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 176 of 262 (Chairman SEIAA)

5	Michelia	champaca	son (chafa	nafa 24		Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant	
6	Pongami	a pinnata	Kar	ranj	25	;	Shady tree	
7	Shi	rish	Albizia	lebbeck	18	3	Shady tree, yellowish green fragrant flowers	
45	5.Total qua	ntity of plants	on groui	nd		·		
46.Num	nber and	list of shr	ubs an	d bushes	species	to be pla	nted in the podium RG:	
Serial Number		Name		C/C Dista	C/C Distance		Area m2	
1		Chitrak						
2		Kunti						
3		Adulsa						
4	T	Vedelia						
5		Kardal					-	
47.Energy								
	Source of power supply :			MSEDCL				
	During Construction Phase: (Demand Load)		150 kVA	0	0			
		DG set as Por back-up duri construction	ng	150 kVA				
		During Opera phase (Conne load):		3.7 mW				
Pov require		During Opera phase (Dema load):		2.1 mW				
		Transformer		V				
		DG set as Po back-up duri operation ph	ng	550 kVA				
		Fuel used:		Diesel				
	Details of high tension line passing through the plot if any:							
	GY	48.Energ	jy savi	ng by noi	n-conven	tional m	e thod:	
Provision of	Solar hot w	ater system, Sc						
		49 .	Detail	calculati	ons & %	of saving	•	
Serial Number	E	nergy Conserv					Saving %	



1	minimize l requirement heat gain a glass to reduc common area residential	heat gain a • Use of Ad and power ce power r us, garden l buildings Energy eff	and reduce a C and façade consumptior equirement and road • S • Solar stree	 Use of low Solar lightion Solar hot wate bights will bights fixtures (I 	ng educe w-e ing in er for be			2	24.45%	
		50	.Details	of pollut	ion co	ontrol S	yster	ns		
Source	Exis	ting pollu	tion contro	l system		Proposed to be installed				
Not applicable	Not applicable					Not applicable				
(Capital	cost and –	Capital cos		20 lakh 1 lakh/yr					<u> </u>	
	0000)1			5	nt n	lon Di	Ida	atar	m Allocation	
51	51.Environmental Management plan Budgetary Allocation a) Construction phase (with Break-up): 									
	1	a)	Construc	ction pha	ase (w	ith Brea	ak-uj	p):		
Serial Number	Attributes		Parai	neter		Total (Cost pe	er ani	num (Rs. In Lacs)	
1	Water spray suppres			-				6	5	
2	Site sanitat Potable Wate to Labe	er Supply				7			7	
3	Environm Monitoi		Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and		guidelines through MoEF Approved tal laboratories - Ambient J Air-RSPM, PM2.5, SO2, NOx, CO), Noise:		5			
4	Health cheo first a			-				5	5	
5	Safety Pe: Protective Ed (Helmets, Shoes, Safe Goggles, Han etc.)	quipment Safety ety Belt, nd Gloves	Shoes, Sa Goggles, H	s, Safety Ifety Belt, and Gloves c.)				5		
6	Safety 1	nets	-	-				7	7	
7	Safety Trai Workers (T Year), Safet	wice in	-	-				6	5	
8	Disinfec	tion	-	-				1.	5	
9	Solid w	aste	-	-				3.	5	
10	Traffic an manager		-	-				4	l	
11	Tota	1	-	-				5	0	
		b) Operat	ion Phas	e (wit	h Breal	k-up)):		
Serial Number	Compo	nent	Descr	iption	Capit	al cost Rs Lacs	. In	Ope	rational and Maintenance cost (Rs. in Lacs/yr)	
Age	en s								Anand B. Kulkarni	

1 and			Anand B. Kulko
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	Page 178	Shri. Anand Kulkarni
(Member Secretary SEIAA)	Meeting Date: May 2, 2017	of 262	(Chairman SEIAA)

1	STP (Tertiary)	Continuo	us 0 & 1	M	38		9.5			
2		- System		ekly		20			1		
3		er Harvestin	During ra (Cleaning tanks and	iny seaso g of RWI	H	9.5		1			
4		dscape lopment	Da	aily		8.5			1.5		
5	Monitoring MoEF A			through				4			
6]	otal	-	-		76			17		
51.5	51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)									s/toxic	
Descri	iption	Status	Status Locatio		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	mption nth in IT	Source of Supply	Means of transportation	
Not app	olicable	Not applicable	Not applica	able	Not applicable	Not applicable	Not ap	plicable	Not applicable	Not applicable	
			52.A	ny Ot	her Info	rmation	 1		·		
No Informa	ation Availa	ble									
			53.	Traffi	c Manag	gement					
		Nos. of the made design of confluen		2							
		Number basemen		2 Basements- Lower Basement – 4557.36 m2 Upper Basement – 4557.36 m2 MHADA basement: 271 m2							
		Number podia:	and area of	2 Level Podiums - Podium 1- 4183.86 m2 Podium 2 - 4070.78 m2							
			king area:	12,155							
		Area per		29.29 n							
		Area per car:		29.29 m2							
	Parking details:		Number of 2- Wheelers as approved by competent authority:		271 nos						
Parking	ı details:	Wheelers approved	s as l by nt	271 nos	S						
Parking	ı details:	Wheelers approved competer	s as l by nt ': of 4- s as l by nt	271 nos							
Parking	J details:	Wheelers approved competer authority Number Wheelers approved competer authority Public Tr	s as l by nt 7: of 4- s as l by nt 7:								

Shri Satish.M.Gavai (Member Secretary SEIAA)	SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017	Page 179	Anand B. Kulkarni Shri. Anand Kulkarni (Chairman SEIAA)
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CRZ/ RRZ clearance obtain, if any:	
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Project is located at 2.5 km from Sanjay Gandhi National park, Borivali.
Category as per schedule of EIA Notification sheet	8 a
Court cases pending if any	NA
Other Relevant Informations	NA
Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	23-05-2016

Brief information of the project by SEAC

During discussion following points emerged:

1. PP to provide air cleaning system in basement.

2. It is observed that 2 wheeler parking is overlapping the RG area. PP to indicate 2 wheeler parking for shopping area and revise RG area calculations separately.

3. It is noted that area under project is flood prone area. PP to incorporate adequate measures.

4. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

DECISION OF SEAC

During discussion following points emerged:

1. PP to provide air cleaning system in basement.

2. It is observed that 2 wheeler parking is overlapping the RG area. PP to indicate 2 wheeler parking for shopping area and revise RG area calculations separately.

3. It is noted that area under project is flood prone area. PP to incorporate adequate measures.

4. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:


SEIAA DECISION

Approved

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions

SHAAAAA



SEIAA Meeting No: SEIAA Meeting No. 110 Meeting Date: May 2, 2017 Page 181 of 262 (Chairman SEIAA)

SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Proposed Residential Expansion Project

	General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building,
ľ	1st Floor, Sir P.M.Road, Fort,Mumbai-01 Time : 10.00 AM

13t 11001, 311 1 .141.100au, 1101t,14									
1.Name of Project	Megacity Warai Proposed Residential Expansion Project								
2.Type of institution	Private								
3.Name of Project Proponent	Mr.Veer Bharti Koul-Xrbia Developers Ltd.								
4.Name of Consultant	Mahabal Enviro Engineers Private limited, Thane, Maharashtra								
5.Type of project	Residential & Commercial Project								
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project								
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Environmental Clearance vide no. SEAC-2212/CR-353/TC-2 dated 30/09/2014								
8.Location of the project	Plot bearing Sr. No. 6 (part), 9 (part), 10 (part), 12 (part) & 13 (part) at village Warai, Taluka Karjat, District Raigad								
9.Taluka	Karjat								
10.Village	Warai								
11.Area of the project	Warai Grampanchayat								
12.IOD/IOA/Concession/Plan Approval Number	IOD applicable IOD/IOA/Concession/Plan Approval Number: patra ja kra. sasannar ra a/bap/mauje warai tarfe waredi/ tal- karjat/ s.no.6/2 & eter/1067 Approved Built-up Area: 100424								
13.Note on the initiated work (If applicable)	We have initiated the construction as per previous received Environmental Clearance vide no.SEAC-2212/CR-353/TC-2 dated 30/09/2014								
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA								
15.Total Plot Area (sq. m.)	90,350 Sq.m								
16.Deductions	4,518 Sq.m								
17.Net Plot area	85,832 sq.m								
	a) FSI area (sq. m.): 98,581 Sq.m								
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 38,441 Sq.m								
101-151)	c) Total BUA area (sq. m.): 1,37,022 Sq.m								
19.Total ground coverage (m2)	14,693 Sq.m								
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16%								
21.Estimated cost of the project	160000000								
22.Num	ber of buildings & its configuration								

Serial number		Building Name & number	Number of floors	Height of the building (Mtrs)		
1		Commercial-1	G+2	11.25 m		
2	(A1,A2,B1,B2,B3,B4,0	Building C4,C5,C6,C8,C9,D1,D2,D3,D4,D5,D6,D8,E1,E2,F1,K1,K2,K3,K4) G+4 14.95 M				
3		Building (C1,C2,C3,C10,K5)	G+6 20.40 M			
4	Building	[(A3,A4),(A5,A6),(A7,A8),(A9,A10),B5,K6,K7,K8,K9]	G+8	26.10 M		
23.Nun tenants	nber of s and shops	Tenements-2584 Nos. & shops-104 Nos				
24.Num expecte users	nber of ed residents /	12,920 Residents + 416 Commercial users				

Alama		Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	Shri. Anand Kulkarni
(Member Secretary SEIAA)	Meeting Date: May 2, 2017	(Chairman SEIAA)

25.Tenant per hectare		313 nos.								
26.Height building(s)										
27.Right of (Width of t from the no station to t proposed b	he road earest fire the	Neral-Kalan	nb State Hig	hway road 1	5 m, Internal road 12m, 9	Əm & 6m				
28.Turning for easy act fire tender movement around the excluding t for the plan	cess of from all building the width	9m & 12 m	Əm & 12 m							
29.Existing structure (We have sta	rted the cor	struction as	per the received EC on 2	.014				
30.Details demolition disposal (If applicable)	with f	No			C					
			31. P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not apj	blicable Not applicable Not applicable Not applicable								
		3	2.Tota	l Wate	r Requiremen	t				
		Source of water		Irrigation D)epartment, Karjat					
		Fresh wate	, ,	1,181						
		Recycled w Flushing (582						
		Recycled w Gardening		72						
		Swimming make up (NA						
Dry season	:	Total Wate Requireme :		1,763						
			ng - nd water):	890						
	2	Fire fightin Overhead v tank(CMD)	water	NA						
		Excess trea	ated water	682						



		Sourc	e of wa	ter	Irrigation D	epartment, Kai	rjat					
		Fresh	water	(CMD):	1,181							
		Recycled water - Flushing (CMD):			582							
	Recycled water - Gardening (CMD):			36								
			ming po up (Cu		NA							
Wet seasor	Total Water			1,763								
	Under	ighting rground CMD):		890				6				
		Overh	ighting lead wa CMD):		NA				0			
		Exces	s treate	ed water	718							
Details of S pool (If any		NA										
			33	Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	sumptio	on (CM	D)	I	loss (CMD)	5	Ef	fluent (CMD)			
Water Require ment	Existing	Prop	posed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	987	7	'85	1763	800	281	1081	178	504	682		
						¥						
		Level of the Ground water table:			10 m to 15 m							
		Size and no of RWH tank(s) and Quantity:			1 no. of tank 30 cubic meter							
		Location of the RWH tank(s):			Underground							
34.Rain V Harvestir		Quantity of recharge pits:			23 nos.							
(RWH)	iy	Size of recharge pits :			2m x 2m x 2m depth							
	CY	Budgetary allocation (Capital cost) :			Rs. 30 Lakh							
			etary al M cost)	location :	Rs. 0.75 Lakh/year							
		Detail if any		T tanks	Domestic UG tank capacity: 1,771 m3/day Flushing UG tank capacity: 872 m3/day Fire UG tank capacity: 890 m3/day							
35.Storm	wator		ral wate age pat		Along with r	oad side nalla						
drainage	waler	water	•	torm	2.5 m3/sec							
		Size o	of SWD:		1,200 mm x 800 mm							
	Shri Satish.M.Gavai (Member Secretary SEIAA)							e 184 Shri	nd B. Kulk Anand Kulkarn rman SEIAA)			

		Sewage ge in KLD:	neration	1,410					
		STP technology:		FAB					
Sewage and		Capacity of STP (CMD):		2 nos. having capacity	1,200 KLD & 250 KLD				
Waste w		Location & the STP:	area of	Near D8 & B1 buildin Area for 250 cubic me	g , Area for 1200 cubic me ter/day- 121 sq.m	ter/day -621 sq.m &			
		Budgetary (Capital co	allocation ost):	Rs. 140 lakhs					
		Budgetary (O & M cos	allocation st):	Rs. 35 Lakhs/year					
			36.Soli	d waste Man	agement	5			
Waste gene	eration in	Waste gen	eration:	25 kg/day					
the Pre Con and Constr phase:		Disposal o constructi debris:			ed for back filling and leve osed to authorized sites	ling of the plot and			
		Dry waste:		2,232 kg/day					
		Wet waste	:	3,600 kg/day					
Waste ge	neration	Hazardous	waste:	0.05 kg/day					
in the ope Phase:		Biomedical waste (If applicable):		NA					
		STP Sludge (Dry sludge):		60 kg/day					
		Others if a	ny:	Inert waste: 168 kg/da	ау				
		Dry waste:		Dry garbage will be segregated & disposed off to recyclers.					
		Wet waste	•	Wet garbage will be treated by using organic waste converter machin					
		Hazardous	waste:	NA					
Mode of I of waste:	Disposal	Biomedica applicable	l waste (If):	NA					
		STP Sludg sludge):	e (Dry	Dry sludge can be used as manure for plantation & gardening purpopses inside the premises					
		Others if a		NA					
		Location(s		Besides building A10					
Area requirem	ent:	Area for th of waste & material:		187.00 Sq.m					
	\sim	Area for m	achinery:	hinery: 84.00 Sq.m					
Budgetary		Capital cos	st:	Rs. 20 Lakhs					
(Capital co O&M cost)		0 & M cos		Rs. 2.5 Lakhs/year					
			37.Ef	fluent Charecte	restics				
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	Not app	plicable	Not applicable	Not applicable	Not applicable	Not applicable			
Amount of e (CMD):	ffluent gene	ration	Not applica	ıble					
Capacity of	the ETP:		Not applica	ble					

for			Anand B. Kulkarni
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Amount of t recycled :	reated efflue	ent	Not ap	pplica	ble						
Amount of water send to the CETP:			Not applicable								
Membership of CETP (if require):			Not ap	pplica	ble						
Note on ET	P technology	y to be used	Not ap	pplica	ble						
Disposal of	the ETP slue	lge	Not ap	pplica	ble						
			38	B.Ha	zardous	Waste	D	etails			
Serial Number	Descr	iption	Ca	ıt	UOM	Existin	gr	Proposed	Total	Method of Disposal	
1	Not ap	plicable	No applic	-	Not applicable	Not applicab	le	Not applicable	Not applicable	Not applicable	
			3	9.S t	acks em	ission	De	etails			
Serial Number	Section	& units	Fu	el Us Quai	ed with ntity	Stack N	0.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not ap	plicable	N	ot app	olicable	Not Not Not applicable applicable applical				Not applicable	
			40).De	tails of F	uel to	be	e used	9	•	
Serial Number	Туг	oe of Fuel			Existing	Proposed				Total	
1	Not	applicable		Not applicable Not applicable Not applicable					Not applicable		
41.Source o					pplicable						
42.Mode of	Transportat	ion of fuel to	o site	Not a	pplicable						
		1									
		Total RG a			14,410 sq. 1	nt.					
		No of tree:	30 nos. of trees to be cut & 15 nos. of trees to be transplanted								
43.Gree	n Belt	Number of be planted									
Develop	ment	List of pro	posed	posed Provided							
		Timeline f completion plantation	or n of June 2021								
	44.Nu	mber and	d list	of t	rees spe	cies to	be	e planteo	d in the	ground	
Serial Number	Name of	the plant	Co	mmo	n Name	Q	uar	ntity	Characteristics & ecological importance		
1	Albizza	lebbek		Shi	rish		5	1		cree, yellowish green agrant flowers	
2	Alstonia	scholaris		Sapta	parn		58	8	Evergreen tropical tree		
3	Butea mo	nosperma		Pa	las		58	8	Medium sized deciduous tree. Beautiful orange flowers, Butterfl host plant		
4	Mimisop	os elengii		Bal	kul		6	0	Shady tre	e, small white fragrant flowers	
5	Ailanthu	s excelsa		Mah	rukh		48	8	N	Medicinal tree.	
6	Gmelina	arborea	Shivan				4	5	Fruit bearing tree		



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7	Michelia	champaca		Son chafa	5	6	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant		
8		Lagerstroemia flos reginea Tam		Tamhan	5	4	Medium sized tree, beautiful purple flowers		
9	Bahunia	racemosa		Apta	5	8	Small tree with small white flowers, Butterfly host plant		
10	Ficus	retusa		Nandruk	5	5	Shady tree, good for roadside plantation		
11		ephalus amba		Kadamb	5	1	Medicinal tree.		
12	Azadirad	cta indica		Neem	6	3	Large tree, good for roadside plantation		
13	Erythrii	na indica		Pangara	5	0	Flowering plant		
14	Cassia	fistula	Golde	en Shower Tree	4	8	Flowering plant		
45	5.Total qua	ntity of pla	its on g	fround					
46.Num	nber and	list of s	hrubs	and bushe	s species	to be	planted in the podium RG		
Serial Number		Name		C/C Dista	ance		Area m2		
1		NA		NA			NA		
				47. E	nergy		9		
		Source of supply :	power	Maharasht	ra State Elec	tricity Dis	stribution Company Limited		
		During Construction Phase: (Demand Load)		tion 116 kVA					
		DG set as Power back-up during construction phase		125 KVA x	1No.				
_		During Operation phase (Connected load): During Operation phase (Demand load):			4,294 KW				
Pov require	-			3,006 KW	3,006 KW				
		Transformer:		630 Kva -9	630 Kva -9 Nos.				
		DG set as back-up d operation	uring	2 nos. x 25	2 nos. x 250 KVA				
	\sim	Fuel used:		HSD	HSD				
Details of high tension line passi through the plot i any:			ing _{NA}						
		48.Ene	ergy s	aving by no	n-conven	tional	method:		
Solar PV pa 1% of total			00	0 0					
		4	9.Det	ail calculat	ions & %	of sav	ing:		
Serial Number	E			n Measures			Saving %		
De	en 2						Anand P Kulle :		

for			Anand B. Kulkarni
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1	proposed BEE lab lighting ir having 2.5 f hence ra drastically. give appr watts con	in the proje eelled electri n external co to 3 times lif ate of dispos ? Light Emit cox. 30% mo sumed and t	ct: ? Use of e cal fixtures, mmon area. e over conve al of tubes w ting Diode (I re light outp herefore req	on Methods a energy efficie solar powere Use of T5 tu entional tubes rill be reduce LED) lamps v ut for the san uire less nos + LED lighti	ent, ed bes s and ed which me s. of		13%	
		50	.Details	of polluti	ion c	ontrol Syste	ms	
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed	
Not applicable		Not	applicable				Not applicable	
	allocation cost and	Capital cos	st:	Rs. 47 Lakh	l			
	cost):	O & M cos	t:	Rs. 4 Lakh/y	year			
51	.Enviro	onment	tal Mar	nageme	ent p	lan Budg	etary Allocation	
		a)	Construc	ction pha	se (v	vith Break-u	ıp):	
Serial Number	Attril	outes	Parai	neter		Total Cost p	per annum (Rs. In Lacs)	
1		tubidity		r, odour, DS, BOD,) and G		1.8		
2	2 Water For Dust Suppression			r, odour, DS, BOD,) and G	1.8			
3	Water F Suppr		tubidity, 7	r, odour, TDS, BOD,) and G	1.8			
4	Water F Suppr		pH, colo tubidity, 7 COD, 0	DS, BOD,			1.8	
5	Site Sanita safe drink		Disinf	ection			2.5	
6		tion toilets, ing water	Disinf	ection			2.5	
7	Disinfe	ection-	Disinf	ection			1.2	
		b) Operat	ion Phas	e (wi	th Break-up):	
Serial Number	Comp	onent	Descr	iption	Сарі	tal cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Sewage T Pla	'reatment ant	2 nos. havi 1200 & 2 meter	50 Cubic		140	35	
2	Rain Water	Harvesting		recharge RWH tank		30	0.75	
3	Ро	nd		oic meter acity		20	3	
4	Water Treat	tment Plant	1200 Cubic	e meter/day		15	5	
5	Enviror Monit		MoEF a labor			-	3	
6	Garde	oning	755 no.	oftrees		15	3.5	

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7	Solic	l waste	OWC	-1 No.		20			2.5		
8	Renewa	ble Energy	Solar panel lights a		eet	47			4		
9	Fire	fighting	Fire exti	nguishe	r	2.5			0.2		
10		lanagement rvice			-			5			
51.S	torage	e of che	micals		amabl stance	_	osiv	e/haz	zardou	s/toxic	
				Sub	Stallte	-					
Descri	Description		Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ Mo	ımption onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	ıble	Not applicable	Not applicable	Not ap	oplicable	Not applicable	Not applicable	
			52.A	ny Ot	her Info	rmation					
No Informa	tion Availal	ole									
			53.	Traffi	c Manag	jement					
	Nos. of the junction to the main road & design of confluence:				Shelu Railway Station 8 Km						
	Number and area of basement:				NA						
		Number a podia:	nd area of	NA							
		Total Parl	king area:	27,132 Sq.m							
		Area per o		25 Sq.m							
Parking	Area per car:Number of 2-Wheelers asapproved bycompetentauthority:			25 Sq.m Scooters-3,230 Nos. & Cycles -3,230 Nos.							
	Number of 4- Wheelers as approved by competent authority:				179 Nos.						
	Public Transport:			NA							
		Width of a roads (m)	15 m , 12 m, & 9 m								
		CRZ/ RRZ obtain, if	clearance any:	NA							
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries										

Alama		Anand B. Kulkarni
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Category as per schedule of EIA Notification sheet	8 (a) ,B2				
Court cases pending if any	NA				
Other Relevant Informations	We have received previously received Environmental clearance vide no.SEAC-2212/CR-353/TC-2 dated 30/09/2014 Project was recommendedfor Environmental clearance in 51st SEAC II meeting . Accordingly wehave submitted the reply to authority.				
Have you previously submitted Application online on MOEF Website.	Yes				
Date of online submission	01-01-1900				
Brief information of the project by SEAC					

Representative of PP, Mr. Virbharati Kaul & Architect Mr. Rahul Vikhe were present during the meeting along with environmental consultant M/s Mahabal. PP informed that they have received earlier EC vide letter dated 30/9/2014. Committee noted the comparative changes due to proposed expansion/amendment.The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that the project is earlier considered in 47th meeting of SEAC II. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 90,350 m2 & total construction area proposed in this meeting of the project is 1,37,022 m2. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, synopsis of compliances, presentation & plans submitted are taken on the record.

DECISION OF SEAC



ELAA

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During discussion following points emerged:

1. Town Planning authority to ensure that no occupation certificate is issued to the project till permission for lifting water from river by the Irrigation Department in the Government is accorded for the project.

2. PP stated that sewer lines are not present on site. It is also observed that PP made arrangement of holding ponds for holding treated water for 7 days only. Further, it is also observed that Poshir River is abutting the project. Therefore, Committee observed that due to expansion, capacity of holding pond is inadequate and there are chances of pollution of river. PP agreed and stated that the sewage generated 1410 m3/day from our residential project will be treated in 2 Nos. of STP having capacity 1200 m3/day and 250 m3/day.

3. PP submitted revised fire tender movement plan showing fire tender access to all the proposed buildings.

4. PP will not hand over environmental infrastructure like waste water treatment facility, solid waste management, landscaping, garden, waste water holding ponds and its maintenance, etc. To society PP to own all these environmental infrastructure assets and will be responsible for operation and maintenance of the facility for entire life of the project. PP to have separate corpus of Rs 1.5 Cr to be deposited in the separate account for the same purpose. This arrangement will ensure sustainable operation of environmental infrastructure in the project. Developer will be legally responsible for non-compliance of the condition. PP to submit commitment indicating the same.

5. PP will develop and own secured landfill site. PP to maintain and operate the facilities for entire life a project. PP to ensure that it is a zero garbage project.

6. Fire tender movement is restricted in building D-3 due to dead ends. Road around the area should be connected to have free movement of fire tender.

7. PP to achieve the BOD of 5mg/lit and ensure that project is zero discharge project. PP indicated that they have acquired 5 acres of land reuse/recycle of treated waste water.

8. PP to achieve 15% of total energy demand through solar PV panels, PP to also explore solar and wind hybrid models for renewable energy and submit revise energy calculations. PP to provide continuous energy supply for floating aerators.

9. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

Specific Conditions by SEAC:

SEIAA DECISION

PP to submit details of old EC and proposed modification. Hence deferred

Specific Conditions by SEIAA:

FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Environment Clearance for Proposed Residential Cum Commercial Project "Rajhans Kshitij" at village Manikpur and Diwanman, Vasai, Palghar

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

13011001, 0111.101.10000, 10101							
1.Name of Project	Proposed Residential Cum Commercial Project "Rajhans Kshitij" at village Manikpur and Diwanman, Vasai, Palghar						
2.Type of institution	Private						
3.Name of Project Proponent	Mr. Jayesh B. Ajmera						
4.Name of Consultant	Dr. D. A. Patil. Mahabal Enviro Engineers Pvt. Ltd						
5.Type of project	Residential & Commercial Project						
6.New project/expansion in existing project/modernization/diversification in existing project	New Project						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable						
8.Location of the project	Proposed Residential Cum Commercial Layout on Land bearing .NO. 69 H.NO.1,2,3,4,5,6. S.NO.71,H.NO.1,2,3,4,5,6,7,8,9,10 S.NO.72,H.NO.1,2,3,4,5,6,7,8,9,10,11,12,13,14,15, S.NO.73,H.NO.4,5,6,7,8,9,10,11,12,13,14 S.NO.74,H.NO.1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17A,18,19,20 S.NO.74A,H.NO.17A S.NO.75,H.NO.1,2,3,4,5A,5B,6,7,8 S.NO.76,H.NO.16/A,16B,17 S.NO.77,H.NO.1A,1B,2,3,4,6 S.NO.78,H.NO.1,2,3,4,5,6,6d,7,8,9,9A,9B,9C,9D,10/1,10/2,10/3,11,12,13,14,15,16 AT VILL – MANIKPUR S.NO.119,H.NO.3A,3B S.NO.121,H.NO.1,2,5,6A,6B,7,8A,8B,9,10,11,12A,12B,13 S.NO.122,H.NO.2/2 S.NO.124,H.NO.4,5,6,7,11,12,13 S.NO.125, H.NO.1,2,3,4A,4B,4C,5,6,7A,7B S.NO.126,H.NO.1,2,3A,3B,4,5,6,7/1,7/2,8 S.NO.127,H.NO.1,2,3,4,5 S.NO.128,H.NO.1/1,1/2,2,4,5,6,7,8A,8B, S.NO.129,H.NO.1,2,5,6,7,8,9 VILL - DIWANMAN TAL - VASAI DIST -PALGHAR.						
9.Taluka	Vasai						
10.Village	Diwanman						
11.Area of the project	Vasai-Virar City Municipal Corporation						
	Plan Approved from VVCMC vide No. VVCMC/TP/2457/2016 DATED 10/10/2016						
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Plan Approved from VVCMC vide No. VVCMC/TP/2457/2016 DATED 10/10/2016						
	Approved Built-up Area: 157937.56						
13.Note on the initiated work (If applicable)	Out of 11 Bldgs, 3 (13wings) have been constructed. FSI : 19306.29 m2 Total Construction Area: 23513.3 m2 VVCMC approved plan vide order no. VVCMC/AM/BP-4258/VP-104/262/2013-14 dt 09/10/2013.						
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CIDCO Approval : vide order no.CIDCO/VVSR/CC/BP-/4258/W/2052 dated 28/03/2007. VVCMC Approval : VVCMC/AM/BP-4258/VP-104/262/2013-14 dt 09/10/2013, VVCMC Approval : VVCMC/TP/2457/2016 DATED 10/10/2016						
15.Total Plot Area (sq. m.)	1,37,012.20 m2						
16.Deductions	58,995.33 m2						
17.Net Plot area	78,016.87 m2						
~	a) FSI area (sq. m.): 1,63,379.87 m2						
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 1,33,857.10 m2						
101-1 31)	c) Total BUA area (sq. m.): 2,97,236.97 m2						
19.Total ground coverage (m2)	25032 m2						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.27 %						
21.Estimated cost of the project	430000000						
22.NUM	ber of buildings & its configuration						

22.Number of buildings & its configuration



Anand B. Kulkarni

Serial number	Buildir	ng Name & 1	number	Nu	mber of floors	н	eight of the building (Mtrs)		
1	Building	Type 1: Wing	A,B,C&D		ST+7		22.65		
2	0	Type 2: Wing			ST+7		22.65		
3		ling Type 3: A,B,C,D,E,F&			ST+7		22.65		
4	Building	Type 4: Win	g A,B&C		ST+14		44.40		
5		ling Type 5: A,B,C,D,E&F		LG	6 + G+ P+ 14 F		48		
6	Building T	ype 6: Wing	A,B,C,D&E		G+14		44.40		
7		ling Type 7: B,C,D,E,F,G&			G+14		44.40		
8	Building	Type 8: Win	g A,B,&C		G+14		44.40		
9		ling Type 9: A,B,C,D,E&F]	LG+G+P+7F		27		
10	Buildi	ng Type 10: V	Wing A		G+7		22.65		
11	Building	Type 10: Wir	ng A,B,&C		G+7		22.65		
12	C	C.F.C. Buildin	0		ST+2		10.30		
13		CC Building			ST+2		10.30		
14		larket Buildi	0		ST+2		10.30		
15		IS/PS Buildir	ıg		ST+7		30.0		
23.Numbe tenants an		Flats : 2102	2, Shops :74						
24.Numbe expected r users		21,558 Nos							
25.Tenant per hectar		154/hectare)	<u> </u>	*				
26.Height building(s									
station to	the road earest fire	Proposed si	te is accessil	ble by 40 m a	and 20 m wide D. F	P. Road.			
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	9 m							
29.Existing structure (Nil							
30.Details of the demolition with disposal (If applicable)									
			31.P	roduct	ion Detail	S			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/	′ M)	Total (MT/M)		
1	Not ap	plicable	Not app	plicable	Not applicable	е	Not applicable		
Shri Satish.M.Gavai (Member Secretary SEIAA)				No: SEIAA M g Date: May		Page 19. of 26.			

		3	2.Tota	l Wate	r Requi	iremen	t				
		Source of	water	VVMC							
		Fresh wate		1112							
		Recycled w Flushing (804							
		Recycled w Gardening		72							
		Swimming make up (
Dry seasor	1:	Total Wate Requireme :		1916							
		Fire fightin Undergrou tank(CMD)	ind water	As per NBC			6	03			
		Fire fightin Overhead tank(CMD)	ad water As per NBC								
		Excess trea	ss treated water 911								
		Source of	water	VVMC			9				
		Fresh wate	er (CMD):	612							
		Recycled w Flushing (804							
		Recycled w Gardening									
		Swimming make up (
Wet seaso	n:	Total Wate Requireme :		1916							
		Fire fightin Undergrou tank(CMD)	ind water	As per NBC							
		Fire fightin Overhead tank(CMD)	water	As per NBC							
		Excess trea	ated water	983							
Details of pool (If an	Swimming y)										
		3	3.Detail	s of Tota	l water c	consume	d				
Particula rs	Cons	sumption (C	CMD)	Loss (CMD) Effluent (CMD)					D)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	Level of the Ground water table:	4-5 m						
	Size and no of RWH tank(s) and Quantity:	RWH : 5 tank will be provided with total capacity 1200 m3						
	Location of the RWH tank(s):	Ground						
34.Rain Water Harvesting	Quantity of recharge pits:							
(RWH)	Size of recharge pits :	not applicable						
	Budgetary allocation (Capital cost) :	120 Lakh						
	Budgetary allocation (O & M cost) :	10 Lakh						
	Details of UGT tanks if any :	Will be provided As per NBC . Location: Below Ground						
	Natural water drainage pattern:	Towards North west side of the plot						
35.Storm water drainage	Quantity of storm water:	15,585 m3/hr						
	Size of SWD:	0.3 x 0.45 m, 0.45 x 0.6 m, 0.6 x 0.9 m, 0.9 x 1.2 m						
	Sewage generation in KLD:	1805 KLD						
	STP technology:	MBBR						
Sewage and	Capacity of STP (CMD):	5 STP of 2000 KLD Capacity						
Waste water	Location & area of the STP:	Ground						
	Budgetary allocation (Capital cost):	400 Lakh						
	Budgetary allocation (O & M cost):	80 Lakh						
	36.Solie	d waste Management						
Waste generation in	Waste generation:	Construction Debris quantity: 8631 m3						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	The construction debris will be utilized at site for site formation						
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Dry waste:	2986 kg/day						
	Wet waste:	4479 kg/day						
	Hazardous waste:	NA						
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA						
	STP Sludge (Dry sludge):	18 m3/day						
	Others if any:							



		Dry waste:			Dry garbag	e will ]	be seg	regate	d & di	spose	d off to	o recyclers
		Wet waste	•		Wet garbag as organic					g Mec	hanica	l Composting and used
Mode of I	Disposal	Hazardous	wast	e:	NA							
of waste:		Biomedica applicable		te (If	NA							
STP Sludge sludge):			e (Dry	y	Sludge will	be use	e as ma	anure	for ga	rdenin	g.	
		Others if a	ny:									
		Location(s			Ground							
Area requirem	ent:	Area for th of waste & material:			400 m2							
		Area for m	achin	ery:	200 m2							<b>N</b> 3
Budgetary (Capital co		Capital cos	st:		75 Lakh							
O&M cost)		0 & M cos	t:		25 Lakh							
			3	87.Ef	fluent C	hare	cter	estic	s			
Serial Number	Paran	neters	U	nit	Inlet E Charect					Efflue eresti		Effluent discharge standards (MPCB)
1	Not app	Not applicable Not applicable			Not ap	plicabl	le	N	lot apj	plicabl	е	Not applicable
Amount of effluent generation Not applica					lble	(	$\sim$	5				
Capacity of the ETP: Not applied			applica	ble								
Amount of treated effluent Not applica			applica									
Amount of v	vater send to	o the CETP:	Not a	applica	lble							
Membership				applica								
Note on ETH	01			applica								
Disposal of	the ETP slud	lge		applica								
			3	<b>8.H</b> a	lazardous Waste Details							
Serial Number	Descr	iption	C	at	UOM	UOM Existing I		Prop	oposed To		tal	Method of Disposal
1	Not app	plicable	-	ot cable	NotNotNotapplicableapplicableapplicableNot applicable					Not applicable		
			5	39.St	tacks em	issio	on De	etail	<b>S</b>			
Serial Number	Section	& units	F		ed with ntity	Stacl	k No.	Hei fro gro level	om und	Inte diam (n	eter	Temp. of Exhaust Gases
1	Not app	plicable	N	Not apj	plicable		ot cable	N appli		N appli		Not applicable
			4	0.De	tails of <b>F</b>	uel	to be	e use	ed			
Serial Number					Existing			Prop	osed			Total
1 Not applicable N					Not applicable Not applicable Not applicable						Not applicable	
41.Source o					pplicable							
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							
	Shri Satish.M.Gavai SEIAA Meeting				No: SEIAA N g Date: May			10		e 196 f 262		nd B. Kulkarni Anand Kulkarni rman SEIAA)

		Total RG a	rea :	RG on grou	nd -14280.49	m2, RG 01	n Podium -2232.18 m2.			
43.Green Belt		No of trees		Nil						
		Number of be planted		713	713					
Develop	ment	List of prop native tree		Given Below	V					
Timeline for completion of plantation :			n of	Within 6 months from completion of constructions of buildings						
	<b>44.Nu</b>	mber and	l list of t	rees spe	cies to be	e plante	ed in the ground			
Serial Number	Name of	the plant	Commo	n Name	Quan	tity	Characteristics & ecological importance			
1	Cassia fistula		Bah	iava	65	5	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant			
2	Mimusops elengi Ba		kul	42		Shady tree, small white fragrant flowers				
3	Nyctanthes arbor- tristis		Parij	Parijatak			Small deciduous fast growing tree, beautiful flowrers.			
4	Lagerstroemia flos- regineae		Tam	Tamhan		9	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers			
5	Murraya	paniculata	Ku	inti 74		-	Small tree, Fragrant white flowers, Butterfly host plant			
6	Saraca	a asoka	Sita A	Ashok 62		1	Shady tree with red-yellow flowers.			
7	Bomba	ax ceiba	Kate	sawar	63	}	Large tree, red flowers			
8	Erythrii	na indica	Pan	gara	84	-	Medium sized deciduous tree. Bright scarlet flowers.			
9	Michelia	champaca	Son	chafa	77	,	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant			
10	Putranjiva	roxburghii	Putra	anjiva	65	5	Medium sized evergreen tree			
11		Anthocophallus		amb	62	•	Shady, large tree, ball shaped flowers.			
12	TO	TAL			714	4				
45	5.Total qua	ntity of plan	ts on grou	nd						
46.Num	ıber and	list of sl	rubs an	d bushes	s species	to be p	lanted in the podium RG:			
Serial Number	9	Name		C/C Dista	nce		Area m2			
1										
				47.Eı						



		Source of j supply :	power	MSEDCL						
		During Con Phase: (De Load)		500 kVA						
		DG set as l back-up du constructio	iring	500 kVA						
Des		During Op phase (Cor load):		26.4 MW	26.4 MW					
_	wer ement:	During Op phase (Der load):		15.3 MW						
		Transform	er:							
		DG set as l back-up du operation	ıring	Capacity of D	)G Set:	: 4000 kVA				
		Fuel used:		Diesel						
		Details of I tension lin through th any:	e passing	Not applicabl	Not applicable					
		48.Ene	rgy savi	ng by non-	-con	ventional method:				
<ul><li>? Solar lighting on street and RG area</li><li>? Solar Hot water for Residential buildings</li></ul>										
		49	9.Detail	calculatio	ons &	x % of saving:				
Serial Number	Е	nergy Cons	ervation M	easures	5	Saving %				
1	content ? lamps in L Solar ligh energy effic	P Energy effic lift Lobby, To lting on stree cient pumps	cient lighting vilets & Core et and RG ar for fire fight	locks with fly ash g using LED, T5 area Passages ? ea ? Use of high ing, UG tanks and ential buildings						
		50	<b>Details</b>	of pollutio	on co	ontrol Systems				
Source	Ex	isting pollu	tion contro	l system		Proposed to be installed				
Not applicable		Not	applicable			Not applicable				
	allocation cost and	Capital cos	st:	275 Lakh						
	cost):	O & M cost	t:	20 Lakh						
51	.Enviro	onment	al Mar	nagemen	nt p	lan Budgetary Allocation				
a) Construction phase (with Break-up):										
Serial Number	Attri	butes	Para	ameter Total Cost per annum (Rs. In Lacs)						
rumber	710011									
1	Water spra	ay for dust ession	-	-		12				

Alama		Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	Shri. Anand Kulkarni
(Member Secretary SEIAA)	Meeting Date: May 2, 2017	(Chairman SEIAA)

			As per the CPCE	3								
3		onmental nitoring	guidelines throug MoEF Approved laboratories - Ambi Air-RSPM, PM2.5 SO2, NOx, CO), No Leq day time and Night Time	Jh l ient 5, ise:	5							
4	Disi	nfection					3					
5		check-up & rst aid					6					
6		v Personal e Equipment					12					
7	Traffic M	lanagement/					5					
8	Safe	ety nets					30					
9		eaning and maintenance					3					
10		Training to orkers					8					
11	T	OTAL					94					
		1	o) Operation P	hase (	wi	t <mark>h Brea</mark> l	k-up):					
Serial Number	Com	ponent	Description	С	api	tal cost Rs Lacs			nd Maintenance in Lacs/yr)			
1	STP (	Tertiary)				400		82				
2	Solar	r System				275		20				
3	Rainwate	er harvesting				120		10				
4		d Waste sting plant		K		75		25				
5	Lan	ldscape			140			15				
6		onmental nitoring	Environment Monitoring: Month STP outlet water quality for pH, BO COD, SS, FC, Nitra Phosphate and OS	r D, ate,				5				
7	Tot	al cost				1010		157				
<b>51.S</b>	torag	e of che	emicals (infl	lama stan		_	osive/ha	zardou	s/toxic			
			Sub	Stall		,		1				
(						Maximum Quantity of	- ···					
Descrip	otion	Status	Location	Storag Capaci in MT	ity	Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation			
Not appl	icable	Not applicable	Not applicable	Not applicat	ble	Not applicable	Not applicable	Not applicable	Not applicable			
			52.Any Ot	her In	ıfo	rmation						
No Informat	ion Availa	ble										
			53.Traffi	c Mar	nad	rement						
					3							



	Nos. of the junction to the main road & design of confluence:	
	Number and area of basement:	Lower Ground for building No. 5 , 9 & R.G. NO.12 Area = 12317.93SQMT
	Number and area of podia:	Podium For Building No. 5 & 9 Area = 10839.56 SQMT
	Total Parking area:	66048 m2 (Open and Stilt Parking)
	Area per car:	28.3 m2
	Area per car:	28.3 m2
Parking details:	Number of 2- Wheelers as approved by competent authority:	2588 nos.
	Number of 4- Wheelers as approved by competent authority:	2196 nos.
	Public Transport:	
	Width of all Internal roads (m):	Min 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (b)
	Court cases pending if any	No
	Other Relevant Informations	==
	Have you previously submitted Application online on MOEF Website.	No
9	Date of online submission	-
	Brief informa	tion of the project by SEAC



#### <u>Minutes of 107th SEIAA meeting :</u>

The SEIAA had considered the project earlier in its 98thmeeting held on 15th March, 2016. The proposal was recommended by SEAC II for grant of EC to the SEIAA as per discussion held in its 41st meeting. The Authority noted that the proposal was considered by SEAC-II in its 41stmeeting under screening category 8(b) B1 as per EIA Notification, 2006 and recommended to SEIAA subject to compliance of following points:-

(i) PP to ensure that organic manure from OWC should be used partly on project site and surplus will be given to nearby garden.

(ii) PP to ensure that Rs 11.5 crores will be deposited towards the operation and maintenance cost.

(iii) PP to submit DP remarks from CRZ point view from local authority to ascertain applicability of CRZ regulation.

(iv) PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

During the 98th meeting of SEIAA, PP informed that considering the violation observed of the provision contained in Environment (Protection) Act, 1986. A criminal case was filed before First Class Judicial Magistrate, Vasai, Palghar against project proponent by MPCB bearing criminal case (495/2015) dated 27.04.2015. PP informed that out of 11 buildings, 3 (13 wings) had been already constructed. The project comprises total plot area is 1,37,012.20S q.M, total built up area of 2,97,236.97 Sq.m out of which about 23,513.3 Sq.m construction has been completed without prior EC.

# **DECISION OF SEAC**

In view of the blatant violation in disregard of the provisions contained in the Environmental (Protection) Act, 1986, the SEIAA came to the conclusion that this proposal is not a fit case for grant of Environmental Clearance, and this case shall be delisted until the case No.(495/2015) dated 27.04.2015 filed in the Court ofFirst Class Judicial Magistrate at Vasai, Palghar has been decided.

In 107th meeting of SEIAA, PP informed that they have prosed Phase – I and Phase – II of the proposed project of which the construction is completed on one of the phase where as other phase no activity been carried out there in the other plot of land. PP also informed that they are in the process of separating the ownership of both the phases.

In 107th meeting after detailed deliberations in view of the blatant violation in disregard of the provisions contained in the Environmental (Protection) Act, 1986, the SEIAA came to the conclusion that this proposal is not a fit case for grant of Environmental Clearance and this case shall continue to be delisted until the case No.(495/2015) dated 27.04.2015 filed before the First Class Judicial Magistrate at Vasai, Palghar has been decided.

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

### **SEIAA DECISION**

PP to submit relevant court order. Hence deferred

**Specific Conditions by SEIAA:** 

# FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30 days





Page 201 Shri. Anand Kulkarni of 262 (Chairman SEIAA)

Anand B. Kulkarni

#### SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Application for Environmental clearance for expansion of of residential construction project Allura

# **General Information:** Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

ISt F1001,	SII P.M.Road, Fort M	Tumpai-01	TIME: TU.UU AM				
1.Name of P	roject	Allura					
2.Type of ins	stitution	Private					
3.Name of P	roject Proponent	Ankit enterpr	ises				
4.Name of C	Consultant						
5.Type of pr	oject	Housing proj	ect				
	ct/expansion in existing ernization/diversification project	Expansion		0			
whether env	on/diversification, rironmental clearance tained for existing	Yes environm	ental clerance obtained earlier vide no. S	SEAC 2012/CR-170/TC-2 dated 11/08/2014			
8.Location o	8.Location of the project S. No. 13(P),14(P),15(P),and 19(P), village Undri						
9.Taluka		Haveli					
10.Village		Undri					
11.Area of the	he project	PMRDA					
		In process					
12.IOD/IOA/ Approval Nu	Concession/Plan	IOD/IOA/Concession/Plan Approval Number: NA					
Approvaria	linder	Approved Built-up Area: 156808					
13.Note on t applicable)	the initiated work (If	1,04,721.1 sqm as per previous EC					
	C / IOD from MHADA/ vals (If applicable)	NA					
15.Total Plo	t Area (sq. m.)	Existing:1286	600 sqm, Proposed 1500 sqm, Total: 1301	.00 sqm			
16.Deductio	ns	10191.59 sqn	n				
17.Net Plot	area	119908.41 sqm					
		a) FSI area (sq. m.): Existing: 75756.05 sqm, Proposed 30624.28 sqm, Total: 106380.33 sqm					
	l Built-up Area (FSI &	b) Non FSI area (sq. m.): Existing:28958 sqm, Proposed :22781.42 sqm Total 51739.4 sqm					
Non-FSI)		c) Total BUA area (sq. m.): Existing:104714.05 sqm, Proposed: 53405.70 sqm Total:158119.75 sqm					
19.Total gro	ound coverage (m2)	22932					
	coverage Percentage (%) entage of plot not open	25					
21.Estimate	d cost of the project	300000000					
	22.Num	ber of l	ouildings & its confi	iguration			
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)			
1	M type (6)		P +7	24			
2	N type (4)		2P+12	42			
3	O type (2)		2P+12 42				
4	P type ((1)		2P+12 2P+13	45			
	-		2P+13				
5	Q type (1)		21+13	45			



R type (1)

Amenity -2 building (1)

6 7 2P +13

G

45

9.60

8	Amer	nity -4 buildi	ng (1)		G		18.75				
9	Amer	nity -5 Buildi	ng (1)		G		11.55				
10		Club House			G+1		6.92				
23.Number tenants an		Existing: 44	18 + 3 ameni	ity building,	Proposed 234 tend	ements ,	Total: 682 + 3 amenity building				
24.Number of         expected residents /         users    Existing:3944 , Proposed :1170 , Total: 5114											
25.Tenant per hectar	Tenant density r hectare 250 ha as per DCR										
26.Height building(s)											
27.Right of way         (Width of the road         from the nearest fire         station to the         proposed building(s)							005				
28.Turning for easy ac fire tender movement around the excluding for the pla	cess of from all building the width	9 m and 12 m									
29.Existing structure (		constructio	n area as pe	r old EC i.e.	M type( 6), N type	e (4), O ty	ype(2) and 3 amenity building				
30.Details demolition disposal (I applicable)	with f	NA			P						
			<b>31.</b> F	Product	tion Detai	ls					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT	Г/М)	Total (MT/M)				
1	Not apj	plicable	Not ap	plicable	Not applicab	ole	Not applicable				
		5.5	32.Tota	l Wate	r Require	ment					
	S										



		Source of wa	ter	Undri Gram	Undri Grampanchyat							
		Fresh water (	(CMD):	333 Kl								
		Recycled wat Flushing (CM		204 Kl								
		Recycled wat Gardening (C		117 Kl								
		Swimming po make up (Cur		10 KL								
Dry season:		Total Water Requirement :	(CMD)	654 Kl								
		Fire fighting Underground tank(CMD):		300 Kl								
		Fire fighting Overhead wat tank(CMD):		20,000 lit per building								
		Excess treate	d water	162								
		Source of wat	ter	Undri Gram	panchyat							
		Fresh water (	(CMD):	333 Kl								
		Recycled wat Flushing (CM		204 KL								
		Recycled wat Gardening (C		Nil								
	Swimm			10 KL								
Wet season:		Total Water Requirement :	(CMD)	537 KI								
		Fire fighting Underground tank(CMD):		300 KL								
		Fire fighting Overhead wat tank(CMD):		20,000 lit per building								
		Excess treate	d water	279								
Details of Swi pool (If any)		(dimensions) T 10Details of Pl pump, Control point in white ChlorinationDo monitored:Sr. 50 to 1003 Alu Outlet min 0.2	otal wate ant & Ma panel for ABS, S/F etails of q No. Chara minium ( 7 Total di	ng Pool: Main Pool Size : 282 sqm (dimensions) Baby Pool size : 30 sqm ter Requirement in KL: 351 KLWater requirement for make up in KLD: Iachinery used for treatment of Swimming pool water: Filter, Self Priming or pump, Hair and lint strainer, S/F main drain in white ABS, S/F vacuum F inlet point in white ABS, overflow grating. Disinfection: quality to be achieved for swimming pool water and parameters to be rracteristics Values1 pH Value 7.5 to 8.52 Total alkalinity (as CaCO3), mg/l (As Al), mg/l 0.14 Total residual chlorine, mg/l 5 a) Inlet max 0.56 b) dissolved solids, mg/l 15008 Chlorides (as Cl), mg/l 5009 Colour, Hazen NTU 1011 Coliforms (MPN) <10 per 100 ml								
		33.	Detail	s of Total	l water co	nsume	d					
Particula rs	Cons	umption (CM	D)	Ι	Loss (CMD)		Efi	fluent (CMD)				
Water Require E ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	203	130	333	20	13	43	183	117	300			

Alama		Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	Shri. Anand Kulkarni
(Member Secretary SEIAA)	Meeting Date: May 2, 2017	(Chairman SEIAA)

Gardening 112	5 11	7 112	5	117	0	0	0				
		5		-	-						
	Level of the Groun water table:	6 m bgl	6 m bgl								
	Size and no of RW tank(s) and Quantity:	/H NA	NA								
	Location of the RV tank(s):	WH NA									
	Quantity of rechar pits:	<b>rge</b> 26									
34.Rain Water Harvesting	Size of recharge p :	2 m X 2 m	X 2 M								
(RWH)	Budgetary allocat (Capital cost) :	<b>ion</b> 650000									
	Budgetary allocat (O & M cost) :	<b>ion</b> 100000									
	Details of UGT tar if any :	Raw water	Existing Expans storage tank 2 vater storage ta	46 41 287							
		Fire UG ta Total 792 4	nk Capacity 30 149 1241	0 300 600							
	•										
25.01	Natural water drainage pattern:	As per con	tour	<i>y</i>							
35.Storm water drainage	Quantity of storm water:	36.09 m3/r	36.09 m3/min								
	Size of SWD:	900 mm									
	_										
	Sewage generation in KLD:	n Residentia Commerca	Residential : Existing 276 KLD, Proposed 208 KLD, Total: 484 KLD Commercail : 69 KLD								
	STP technology:	FAB	FAB								
Sewage and	Capacity of STP (CMD):	Residentia	Residential: 495 KLD (105 + 175 + 215) 3 STP Commercial: 80 KLD (1)								
Waste water	Location & area of the STP:	f As per layo	As per layout								
	Budgetary allocat (Capital cost):	115 Lakiis	115 Lakhs								
	Budgetary allocat (O & M cost):	48 Lakhs/y	48 Lakhs/year								
	<b>36.S</b> c	olid wast	e Manag	emen	t						
Waste generation ir	Waste generation	: 1 %									
the Pre Constructio and Construction phase:	ⁿ Disposal of the construction wast debris:	e As filling n	naterial on same	e site							
	Dry waste:	Existing: 3	95 kg/day Prop	osed : 377	Kg/Day, Tot	al: 772 Kg/Day	7				
	Wet waste:	Existing: 6	42 Kg/day, Proj	posed : 421	l Kg/day, To	tal : 1063 kg/d	ay				
	Hazardous waste:	NA									
Waste generation	¹ Biomedical waste applicable):	(If 2 kg/day (F	Poly clinic)								
Phase:	STP Sludge (Dry sludge):	Existing : 1	l 6.8 kg/day, Pro	posed: 13	.2 kg/day, To	otal: 30 kg/day					
(Member Secretary S	Others if any:	E waste: E kg/year	xisting: 450 kg/	'year, Prop		g/year Total: 1	184				
a remoti beeretury si	Me	Sing Duter Huy	-/=01/		, ( )						

	Dry waste:		Through au	thorized ven	dor					
	Wet waste		mechanical							
	Hazardous		NA	1						
Mode of Disposal of waste:	Biomedica applicable	l waste (If ):	Through au	Through authorized agency (as per Biomedical waste Rule)						
	STP Sludg sludge):	e (Dry	used as manure after OWC treatment							
	Others if a	ny:	E - waste: T	hrough auth	orized vendo	or				
	Location(s	):	As per layo	ut						
Area requirement:	e storage other	27.87 sqm								
	Area for m	achinery:	78.03 sqm							
Budgetary allocation	Capital cos	st:	44.5 lakhs							
(Capital cost and O&M cost):	O & M cos	t:	22.5 lakhs p	oer annum						
		37.Ef		harecter	estics					
Serial Number Paran	neters	Unit		ffluent erestics		Effluent cerestics	Effluent discharge standards (MPCB)			
1 p	Н	Not applicable	7 - 7.5		6.5 - 7.5		Not applicable			
2 Total Suspe	ended solids	mg/l	200 - 300		<10		Not to exceed 50 mg/l			
3 Total Oil	& Grease	mg/l	10			:5	Not applicable			
	3 days 27 ree C mg/l		200	- 300	<	10	Not to exceed 10 mg/l			
5 CC	DD	mg/l	350	- 400	<50		Not to exceed 100 mg/l			
6 TI	OS	mg/l			<1	000	Not applicable			
7 Total N	litrogen	mg/l	40	- 50	<	10	Not applicable			
	l Nitrogen	mg/l	-		<	:1	Not applicable			
	ohates	mg/l		- 7	<	:2	Not applicable			
	ohates	mg/l	5 -	- 7	<	:2	Not applicable			
Amount of effluent gene (CMD):	eration	Not applica	ble							
Capacity of the ETP:	N	Not applica	ble							
Amount of treated efflue recycled :	ent	Not applica	ble							
Amount of water send to	o the CETP:	Not applica								
Membership of CETP (if	f require):	Not applica	ble							
Note on ETP technology		Not applica								
Disposal of the ETP sluc	lge	Not applica								
		38.Ha	zardous	Waste D	etails					
Serial Number Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1 Not ap	olicable	Not	Not applicable	Not	Not	Not	Not applicable			
	5110 ab 10	applicable	applicable	applicable	applicable	applicable				



Serial Number	Section	& units	Fuel Used with Quantity		Stack No.		Height from ground level (m	dia	ernal neter m)	Temp. of Exhaust Gases			
1	Not apj	plicable	Not applic		plicable	No applio		Not applicabl	-	lot icable	Not applicable		
40.Details of Fuel to be used													
Serial Number	Type of Fuel Existing							Propose	d		Total		
1	Not	applicable		Ν	Not applicabl	le	N	lot applica	ble		Not applicable		
41.Source o					pplicable								
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable								
											<u> </u>		
		Total RG a			14275.84 s	qm							
	No of trees to be cut NA									$\Delta$	3		
43.Gree		Number of be planted		s to	585 existin	g + 900	6 Prop	oosed = 14	91 Tota	d			
Develop	DevelopmentList of proposed native trees :All are national					ve plan	ts						
Timeline for completion of plantation :     one year													
	44.Nu	mber and	l list	t of t	rees spe	cies	to b	e plant	ed in	the g	ground		
Serial Number	Namo of the plant Common Name Chiantity								eristics & ecological importance				
1	Alianthus	s excerisa		Maha	arukh		5	5	Me	dicinal	plant, Drought tolerant plant		
2		ephallus amba		Kada	adamba		adamba		6	0			al value, control soil Ised in preparartion of perfumes
3	Bauhinia	racemosa	5	Ap	pta 81		1		Medicinal plant- Used in treatmen of cough and skin ailments, drought tolerant				
4	Cassia fistula			Bahava		91		toni Di orn	c that h rought amenta ey bee	l value- is widely used helps in reducing fever., tolerant species, Very l, Well flowering plant, attracting species, Host nt for Butterfly			
5	Erythrina indica		Pangara			50		ł	Fragrant flowers, drought tolerant, bird attracting, It is used for treating intestinal worms, anorexia, cholesterol imbalance etc				
6	Lagerstroemia Tar flosregineae Tar		Tam	nhan 91		1	kidı We	Medicinal use in diabetes and kidney diseases, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly					
7	Mimusoj	ps elengi		Ba	kul	1 67			fro	m seed	flowers, Oil obtained is used to make paint, honey plant, evergreen tree.		

Shri Satish.M.Gavai (Member Secretary SEIAA)

Ans

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	Shake		161 9 9		
1	Not applicable	Not applic	nergy		Not applicable
Serial Number	Name	C/C Dista	×		Area m2
			s species to	be pla	inted in the podium RG:
	5.Total quantity of plan		43		True bearing tree
14	Acrus sapota	Chikoo	43		Fruit bearing tree
12	Magnifera indica	Mango	49		Fruit bearing tree
11	Pongamia pinnata Saraca asoka	Karanj Sita ashoka	46		hypotensive, respiratory stimulant. Medicinal plant Drought tolerant ,control soil erosion, Medicinal use - Today the oil is used as a liniment for rheumatism. Leaves are active against Micrococcus; their juice is used for colds, coughs, diarrhea, dyspepsia, flatulence, gonorrhea, and leprosy. Roots are used for cleaning gums, teeth, and ulcers. Important Ayurvedic plant
10	Nyctante sarbortristis	Parijatak	47		Fragrant flowers, Medicinal value, good for screening, nti- inflammatory, antispasmodic, hypotensive, respiratory stimulant
9	Michelia champka	Son chafa	67		Medicinal value- Its flowers and stem bark are useful in diabetes, quick wound healing, cardiac disorders, gout, dysuria and more., Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing
8	Murraya paniculata	69		Medicinal use - It is valued especially for its essential oil and used in medicine as an analgesic.	



		Source of p supply :	ower	MSEDCL					
		During Cor Phase: (De Load)		100 KW					
		DG set as I back-up du constructio	ring	62.5 KVA					
Pov		During Ope phase (Con load):		3797 KW					
require		During Ope phase (Der load):		4747 KW					
		Transform	er:	630 KVA X 6	Nos.	, 315 KVA X 1No.			
		DG set as I back-up du operation J	ring	180 KVA (1) , 160 KVA(2), 50 KVA(1), 25 KVA (2)					
		Fuel used:		Diesel					
		Details of I tension lin through th any:	e passing	NA					
		48.Ene	rgy savi	n <mark>g by no</mark> n	<b>1-CO</b> ]	nventional method:			
â?¢ Use of C	CFL - 80% of	f common are	a lighting sl	hall be with C	FL or	, approx.5% of the total quantity. LED. on area lighting			
		49	9.Detail	calculatio	ons	& % of saving:			
Serial Number	E	nergy Conse	ervation Me	easures	~	Saving %			
1		Solar V	Vater heater			864 KWH/day			
2		Common li	ghting LED/	/CFL 200 KWH/day					
		50.	Details	of polluti	on c	control Systems			
Source	Ex	isting pollu	tion contro	l system	Proposed to be installed				
Water			STP			STP			
Solid waste			OWC			OWC			
Noise due to DG set		acuost	ic enclosure			Acuostic enclosure			
Budgetary (Capital		Capital cos	st:	72.5 /- lakhs					
O&M		O & M cost	:	1.0 lakh/ann	um				
51	.Enviro	onment	al Mar	nageme	nt j	plan Budgetary Allocation			
		a) (	Construc	ction pha	se (v	with Break-up):			
Serial Number	Attri	butes	Parar	neter		Total Cost per annum (Rs. In Lacs)			
1	Erosion	control	Dust sup meas	-		2.0			
2	Site s	safety	Net PEE f signs and l			3.0			

A land		Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	Shri. Anand Kulkarni
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3	Site sa	anitation	mobile to	oilets for our	ſ	1.5				
4		on & health eck up	medical c control f	amp, pe		2.0				
5	5 Environmental Air, noise and wat			monitori r and so lysis			1.0			
		b	) Operat	ion Pl	nase (w	<b>ith Brea</b>	k-up):			
Serial Number	Com	ponent	Descr	iption	Сај				Maintenance Lacs/yr)	
1	S	STP	Piping cos disposal treated			166		66		
2	Rain wate	er harvesting	Internal p with	iping, pi bore	ts	11.25		1.50		
3		l waste agment	OWC n segregatio	nachine on of was	ste	64.5		32.6	5	
4	00101	n water Igement	Internal pip to final	ping and disposal		206.0		1.5		
5	Lan	dscape	Tree plant maint	ation, lav anace	wn	200.0		120		
6		onservation asures	Solar wat	er heate	r,	124.5		1.75		
7	Swimn	ning pool	filtration pl wa	lant, tan ter	ker	83.2		5.2		
8		wareness & ining	Fire fighting awareness and training			10		0		
9		ronment itoring	Air,noise n soil and wa			0		2.0		
10		pply in case lortage	Water	tanker		0 5.0				
51.S	torage	e of che	micals	-	amab stanc	-	osive/haz	zardou	s/toxic	
Descri	ption	Status	Location	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Not app	Not applicable Not applicable			Not applicable		Not Not blicable applicable Not a		Not applicable	Not applicable	
			52.A	ny Ot	her Inf	ormation				
lo Informa	tion Availal	ole								
				Traffi	c Mana	gement				
	Nos. of the junction to the main road & design of confluence:									

for		Anand B. Kulkarni
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	Number and area of basement:	Nil
	Number and area of podia:	Nil
	Total Parking area:	27811.80 sqm
	Area per car:	30 sqm
	Area per car:	30 sqm
Parking details:	Number of 2- Wheelers as approved by competent authority:	1168
	Number of 4- Wheelers as approved by competent authority:	918
	Public Transport:	NA
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	Case No 1340/2016,Civil judge senior division,16 July 2016
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	Brief informa	tion of the project by SEAC



<u>Minutes of 55th SEAC-3 meeting</u>: PP submitted their application for prior Environmental clearance for total plot area of 1,30,100 Sq. Mtrs, BUA of 1,77,306.14 Sq. Mtrs and FSI area of 1,11,380.33 Sq. Mtrs. PP proposes to construct 6 nos. of residential buildings, Amenity having polyclinic, Indoor games, Gym, multipurpose hall having maximum height of 69.00 Mtrs.

PP obtained earlier EC vide letter No. SEAC-2012/CR./TC-2 dated 29.09.2010 for plot area of 1,24,100.00 Mtrs. and BUA of 72,224.57 Sq. Mtrs. PP has obtained revised EC for Expansion vide letter No. SEAC-2012/CR./TC-2 dated 11.08.2014 for plot area of 1,28,600.00 Mtrs.,FSI area of 75,756.05 and BUA of 1,04,714.05Sq. Mtrs. Now PP has again applied for expansion in earlier EC.

The case was earlier considered in the 23rd meeting of the SEAC - III held from 6th to 9th January, 2015 when TOR's was given for the preparation of EIA report. PP has submitted the EIA report for appraisal in 52nd meeting of the SEAC - III held from 29th August to 1st September 2016. This committee took up the compliance report and other documents submitted by the Project Proponent for examination. The proposal is appraised as category 8 (a) B2.

# **DECISION OF SEAC**

**During discussion following points emerged:** 

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

2. PP to include residual chlorine parameter in the monitoring of STP treated water.

3. PP informed that court case no. **1340/2016** in civil courts is pending between members of earlier phase bunglows and builders but committee has not gone through the merits of the same.

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

**Specific Conditions by SEAC:** 

### **SEIAA DECISION**

PP Absent. Deferred

**Specific Conditions by SEIAA:** 

# FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



### SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

Subject: Environment Clearance for Residential Construction Project

Subject. LI		inconcintia	Construction 1 roject				
	<b>nformation:</b> Venue: Sir P.M.Road, Fort M		tra State Finance Corporation ( Time : 10.00 AM	MSFC), United India Building,			
1.Name of Project		Celaeno					
2.Type of institution		Private					
3.Name of P	roject Proponent	Mr. Suresh S	ukhwani				
4.Name of C	onsultant	Not Applicabl	le				
5.Type of pro	oject	Housing Proj	ect				
	ct/expansion in existing ernization/diversification roject	New Project		5			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project		Not applicabl	e				
8.Location o	f the project	S.No. 12, Nea	ar hotel Govind Garden, Pimple Saudagar	Pune- 27			
9.Taluka		Haveli					
10.Village		Not Applicabl	le				
11.Area of th	1e project	PCMC					
		Sanction Plan					
	12.IOD/IOA/Concession/Plan Approval Number		IOD/IOA/Concession/Plan Approval Number: Sanction plan obtained for total build up area 35026 sq.m ( FSI 16453.60 sq.m + Non FSI 18572.40 sq.m) vide no.B.P./EC/Pimple Saudagar/01/2017 dated on 3.2.2017				
		Approved Built-up Area: 35026					
13.Note on the initiated work (If applicable)		1 building ( Building - B ) constructed ( 11697.56 sq.m ) as per sanction plan BP/PIMPLE SAUDAGAR/25/2013 DATED 10/05/2013					
	C / IOD from MHADA/ vals (If applicable)	Not Applicable					
15.Total Plot	t Area (sq. m.)	10700					
16.Deduction	ns	1310.24					
17.Net Plot a	area	9389.76					
		a) FSI area (sq. m.): 12375.84					
18.Proposed Non-FSI)	Built-up Area (FSI &	b) Non FSI area (sq. m.): 15524.20					
		c) Total BUA area (sq. m.): 27900.04					
19.Total gro	und coverage (m2)	2908.31					
20.Ground-c (Note: Perce to sky)	overage Percentage (%) entage of plot not open	31 %					
21.Estimated	d cost of the project	65000000					
	22.Numl	ber of buildings & its configuration					
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)			
1	Building Name -	A -1	P + 12	37.70			
2	Building Name -	B -1	P + 12	37.70			
3	Commercial Build	ing -1	G + 0	5.45			
4	club house -1	0	207.21 sq.m	4.10			
⁻ 23.Number							
120. NUMDel	Residential	- 104 NO.					

**23.Number of**<br/>tenants and shopsResidential - 164 No.<br/>Commercial - 14 shops



24.Number expected re users	-	Residential	Users - 820	, Commercia	l Users - 396				
25.Tenant density per hectare 250 tenements/hector									
26.Height of building(s)	of the								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		24 m							
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9 m	9 m						
29.Existing structure (s		1 building a	s per sancti	on plan BP/P	IMPLE SAUDAGAR/25/2	013 DATED 10/05/2013			
30.Details of demolition disposal (If applicable)	with	Not applicable							
			<b>31.</b> P	Production Details					
Serial Number	Pro	duct Existing		(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not app		Not apj		Not applicable	Not applicable			
					r Requiremen	t			
		Source of v		РСМС					
		Fresh wate Recycled w	vater -	87 KLD 47 KLD					
		Flushing (CMD): Recycled water - Gardening (CMD):		6 KLD					
		Swimming pool make up (Cum):		Not applicable					
Dry season:		Total Water Requirement (CMD) :		140 KLD					
		Fire fighting - Underground water tank(CMD):		300 KLD					
		Fire fightin Overhead v tank(CMD)	water	20 KLD for each (building A & B)					
		Excess trea	ated water	67 KLD					



		Source of	water	PCMC						
		Fresh wate	er (CMD)	: 87 KLD	87 KLD					
		Recycled w Flushing (		47 KLD	47 KLD					
		Recycled w Gardening		Not appli	icable					
		Swimming make up ((		Not appli	icable					
Wet season:		Total Water Requirement (CMD)		<b>))</b> 134 KLD						
		Fire fighting - Underground water tank(CMD):		r 300 KLD				5		
		Fire fightin Overhead v tank(CMD)	water	20 KLD f	or each (build	ding A & B)		50-5		
		Excess trea	ated wate	er 73 KLD						
Details of S pool (If any		Not applica	ble							
		3	3.Deta	ails of To	tal water	consum	ed			
Particula rs	Consu	mption (CM	1D)		Loss (CMD)		Effluent (CMD)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	87 KLD	87 KLD	Not applicable	8 KLD	8 KLD	Not applicable	79 KLD	79 KLD	
Gardening	not applicable	6 KLD	6 KLD	not applicable	not applicable	not applicable	Not applicable	Not applicable	Not Applicable	
				$\langle \cdot \rangle$						
		Level of the Ground water table:		<b>d</b> 15 -20 M	15 -20 M below ground level					
		Size and no of RWH tank(s) and Quantity:			Not applicable					
		Location of the RWH tank(s):		Not appli	Not applicable					
34.Rain V		Quantity of recharge pits:		<b>ge</b> 4	4					
Harvestir (RWH)	ıg	Size of recharge pits :		<b>ts</b> 1.5 m x 1	1.5 m x 1.5 m x 1.5 m					
		Budgetary allocation (Capital cost) :		Rs.5.0 La	Rs.5.0 Lakh					
		Budgetary allocation (O & M cost) :		Rs.1.0 La	Rs.1.0 Lakh/annum					
		Details of UGT tanks if any :		ks Domestic Flushing	Residential & Commercial: Domestic UG tank Capacity : 1,65,000 Lit Flushing UG tank Capacity : 55,000 Lit Fire UG tank Capacity : 3,00,000 Lit					
				1	- 0					



	Natural wa drainage p		As per contour				
35.Storm water drainage	Quantity of storm water:		3848.80 Kl/yr				
	Size of SW	D:	600 mm				
			<u></u>				
	Sewage ge in KLD:	neration	120.17 KLD				
	STP techn	ology:	MBBR				
Sewage and	Capacity o (CMD):	f STP	1 No 130 KLD				
Waste water	Location & the STP:	area of	Pl refer layout				
	Budgetary (Capital co	allocation ost):	Rs. 38.0 Lakh				
	Budgetary (O & M co	allocation st):	on Rs. 4.0 Lakh/annum				
		<b>36.Soli</b>	d waste Mana	gement			
Waste generation in	Waste gen	eration:	waste generation - 1% t	total raw materials			
the Pre Construction and Construction phase:	Disposal o constructi debris:		Excavated earth material will be used for filling material for plinthj area and top soil for landscaping.				
	Dry waste:		184 Kg/day				
	Wet waste:		254 Kg/day				
Waste generation	Hazardous waste:		not applicable				
in the operation Phase:	Biomedical waste (If applicable):		not applicable				
	STP Sludge (Dry sludge):		12.6 Kg/day				
	Others if a	ny:	not applicable				
	Dry waste:		Through authorized ver	ndor			
	Wet waste:		Organic waste converto	or			
	Hazardous waste:		not applicable				
Mode of Disposal of waste:	Biomedical waste (If applicable):		not applicable				
	STP Sludge (Dry sludge):		Used as manure after OWC treatment				
	Others if any:		not applicable				
5	Location(s): Area for the storage of waste & other material:		pl refer layout				
Area requirement:			18 sq.m				
	Area for machinery:		12 sq.m				
Budgetary allocation Capital cost:			Rs. 5.0 Lakh				
(Capital cost and O&M cost): O & M cost:			Rs. 3.0 Lakh/annum				
		37.Ef	fluent Charecter	restics			
Serial Number Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet EffluentEffluent dischargeCharecteresticsstandards (MPCB			
Alans				Anand B. Kulkarni			

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			Not						
1	р	Η	applicable	e 7 ·	-7.5	6.5	-7.5	Not applicable	
2	Total suspe	nded Solids	mg/l	200	-300	<	10	not to exeed 50	
3	В	DD	mg/l	200	- 300	<	10	not to exeed 10	
4	C	DD	mg/l	350	-400	<	50	not to exeed 100	
Amount of e (CMD):	effluent gene	eration	Not applie	cable					
Capacity of	the ETP:		Not applicable						
Amount of t recycled :	reated efflu	ent	Not applie	cable					
Amount of v	vater send t	o the CETP:	Not applie	able					
Membershij	p of CETP (i	f require):	Not applie	able					
Note on ET	P technology	v to be used	Not applie	cable					
Disposal of	the ETP slue	lge	Not applie	able					
			<b>38.</b> H	azardous	Waste	Details		5	
Serial Number	Descr	iption	Cat	UOM	Existin	g Proposed	Total	Method of Disposal	
1	Not ap	plicable	Not applicable	Not applicable	Not applicab	Not applicable	Not applicable	Not applicable	
			39.5	Stacks em	ission	Details			
Serial Number	Section	& units		Jsed with antity	Stack N	0. Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not ap	plicable	Not a	pplicable	Not applicab	Not applicable	Not applicable	Not applicable	
			<b>40.D</b>	etails of I	Fuel to	be used			
Serial Number	Туг	e of Fuel		Existing		Proposed		Total	
1	Not	applicable		Not applicab	le	Not applicable			
41.Source o	f Fuel		Not applicable         Not applicable         Not applicable						
42.Mode of	Transportat	ion of fuel to	site Not	applicable					
		Total RG a	rea :	2041.3					
		No of trees	s to be cut	Not applica	able				
43.Gree		Number of be planted		137					
Develop	ment	List of pro native tree		As per Belo	ow list				
		Timeline for completion plantation	n of	1 year					
	44.Nu	mber and	l list of	trees spe	cies to	be plante	d in the g	ground	
Serial Number	Name of	the plant	Comm	on Name	Quantity		Characteristics & ecological importance		
1	Ficus Be	eniamina	Ficus I	Benjamina		18	Ever green, Native, Attracts pigeon		

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2	michelia	champaca	Sonc	chafa	,	7	deciduous , native ,flowering		
3	Caesa	lpinnia lerima		chasur	3	31	semi deciduous ,native, flowering		
4	Bauhinia	purpurea	Rakt Kanchan		3	3	native,flowering, medicinal uses, attracts butterflies		
5	Largerstromia Indica Ta		Tam	ıhan	(	6	evergreen , native flowering		
6	Plume	ria Alba	Cha	pha	ł	8	Deciduous, Native, fragrant flowe, used as ornamental tree		
7	Plumer	ia Rubra	Cha	pha	,	7	deciduous, native, flowering		
8	Saraca	Ashoka	Sitacha	a Ashok	9	9	evergreen, shade giving, native, flowering, sacred tree in India		
9	Terminali	a Catappa	Bac	lam	9	9	deciduous, native		
10	Cordia S	ebestena	Searlet	cordia	(	9	evergreen, native, flowering		
45	5.Total qua	ntity of plants	s on groui	nd					
46.Nun	ıber and	list of shi	rubs an	d bushes	s species	to be pl	anted in the podium RG:		
Serial Number		Name		C/C Dista	nce	Area m2			
1	No	t allicable		not applic	able		not applicable		
				47.EI	nergy				
		Source of po supply :	ower	MSEDCL	0.0	<b>O</b>			
		During Cons Phase: (Dem Load)		25 KW					
		DG set as Power back-up during construction phase		40 KVA					
		During Oper phase (Conn load):		1697 KVA					
Pov require		During Oper phase (Dema load):	ration and	1357 KVA					
		Transformer	r:	630 KVA - 3 Nos.					
			ower ing nase:	For Resider	ncial - 125 K	VA x 1 No. F	For Commercial - 62.5 KVA x 1 No.		
		Fuel used:		for resident	tial - 22.7 Lit	/hr, for com	mercial - 13.7 lit./hr		
5		Details of high tension line passing through the plot if any:		not applica	ble				
		48.Ener	gy savi	ng by no	n-conver	ntional n	nethod:		



â?¢ Solar Water Heating Systems Will Be Done For Bathrooms.

â?¢ Solar lights will be provided for common amenities like Street lighting & Garden lighting.

â?¢ CFL & LED based lighting will be done in the common areas, landscape areas, signageâ??s, Entry gates and boundary compound walls etc.

â?¢ Auto Timer Switches will be provided for Street lights, Garden lights, Parking & staircase Lights & Other Common Area

Lights, for saving electrical energy.

â?¢ Water Level Controll

		4	9.Detail	calculati	ions &	k % of savin	g:		
Serial Number	E	<b>Energy Conservation Measures</b>				Saving %			
1		Total solar PV system required				7 KW			
2		Through so	lar water he	ating			: 615 KWH		
3		CH	FL Lights				40.97 KWH		
50.Details of pollution control Systems									
Source	Ex	isting pollu	tion contro	l system		Pro	posed to be installed		
Sewage generation		Not	applicable				STP		
Wet garbage		Not	applicable		6		OWC		
Budgetary (Capital	allocation	Capital cos	st:	Rs. 45.0 La	khs				
0&M		O & M cos	t:	Rs. 1.5 lakh / yr					
51.Environmental Management plan Budgetary Allocation									
a) Construction phase (with Break-up):									
Serial Number	Attril	butes	Parai	neter	Total Cost per annum (Rs. In Lacs)				
1	Erosion	control		pression ires & ading	5.0				
2	Site S	Safety	Nets, ba	arricade			2.0		
3	Site Sa	nitation	Public	toilets		2.0			
4	Disinfectio chec		for la	lbour		2.0			
5	Enviror Monit	nmental coring	STP,	OWC			1.0		
6	N	Ā	N	A			NA		
		b	) Operat	ion Phas	e (wi	th Break-up	):		
Serial Number	Comp	onent	Descr	iption	Capi	tal cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Sewage t Plant (ir external di ULB sev	scharge to	to treat wa	aste water		38.0	4.0		
2		waste Jement	t	0		5.0	3.0		

Arand B. Kulkarni<br/>(Member Secretary SEIAA)SEIAA Meeting No: SEIAA Meeting No. 110<br/>Meeting Date: May 2, 2017Page 219<br/>of 262Shri. Anand Kulkarni<br/>(Chairman SEIAA)

3	(includi	er Harvesting ng external charge)	to save water		5.0		1.0	
4		ldscape lopment	to maintain greena on site	ary	28.0		4.0	
5		m water agement	to collect rain wate reuse	r &	6.0		1.0	
6	Conventie Solar Wa	onal Energy ater Heater)	to save electrica energy	1	17.0		0.5	
7		onal Energy treet Light )	to save electrica energy	1	28.0		1.0	
8		onmental nitoring	to maintain provid environmental services	ed			1.0	
9	5	training & areness	for labours		6.0		1.5	>
10		pply through anker	in absence of wat supply from PCM			C	4.0	
51.5	Storag	e of ch	emicals (infl sub	amabl stance	-	osive/ha	zardou	s/toxic
	Description Status				Maximum Quantity			
Descri	iption	Status	Location	Storage Capacity in MT	of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
<b>Descri</b> Not app	-	Status Not applicable	<b>Location</b> Not applicable	Capacity	of Storage at any point of time in	/ Month in	Supply	Means of transportation Not applicable
	-	Not		Capacity in MT Not applicable	of Storage at any point of time in MT Not applicable	/ Month in MT Not applicable	Supply	transportation
Not app	-	Not applicable	Not applicable	Capacity in MT Not applicable	of Storage at any point of time in MT Not applicable	/ Month in MT Not applicable	Supply	transportation
Not app	plicable	Not applicable	Not applicable	Capacity in MT Not applicable	of Storage at any point of time in MT Not applicable	/ Month in MT Not applicable	Supply	transportation
Not app	plicable	Not applicable ble Nos. of t	Not applicable 52.Any Ot 53.Traffi he junction hin road & 2	Capacity in MT Not applicable	of Storage at any point of time in MT Not applicable	/ Month in MT Not applicable	Supply	transportation



S

	Number and area of basement:	1 basement, area - 640 sq.m
	Number and area of podia:	1 podium, area - 640 sq.m
	Total Parking area:	5257 sq.m
	Area per car:	for basement - 35 sq.m , cover - 30 sq.m, open - 25 sq.m
	Area per car:	for basement - 35 sq.m , cover - 30 sq.m, open - 25 sq.m
Parking details:	Number of 2- Wheelers as approved by competent authority:	472
	Number of 4- Wheelers as approved by competent authority:	106
	Public Transport:	not applicable
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	Brief informa	tion of the project by SEAC



#### Minutes of 39th SEAC-3 meeting:

PP submitted their application for total plot area of 10700.00 Sq. Mtrs, BUA of 27900.04 Sq. Mtrs and FSI area of 12375.84 Sq. Mtrs. PP proposes to construct 2 no of residential buildings having maximum height of 37.70 mtrs., one number of commercial building with 14 nos. of shops and a club house. PP remained absent in the 11th meeting of SEAC – III held from 17th to 20th June 2014; the case was considered in the 20th meeting of SEAC – III held from 4th to 7th November 2014 when the case was referred to the Environment Department for the issue of verification of the violation. Environment Department has withdrawn the proposed direction vide letter dated 25.05.2015, hence the case was appraised in the 33rd meeting of SEAC – III held from 8th to 11th September 2015. This committee took up the compliance report and other documents submitted by the Project Proponent for examination. The proposal is appraised as category 8 (a) B2.

#### During discussion following points emerged:

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

2. PP to submit undertaking for supply of water if local planning authority fails to supply the water.

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

### **DECISION OF SEAC**

Minutes of 99th SEIAA meeting:

The PP was absent in the meeting. Hence, the proposal could not be considered.

**Specific Conditions by SEAC:** 

# SEIAA DECISION

PP absent again. Deferred for the last time

**Specific Conditions by SEIAA:** 

### FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

uays



#### SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

**Subject:** Environment Clearance for Implementation of Slum Rehabilitation Scheme (SRA) and construction of Residential Buildings.

**General Information:** Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

10011001)	011 1 11 11 10 10 10 1							
1.Name of P	Project	Implementation of Slum Rehabilitation Scheme (SRA) and construction of Residential Buildings.						
2.Type of ins	stitution	Private						
3.Name of P	roject Proponent	Mr. Vishal Ag	Jarwal.					
4.Name of C	Consultant	AQURA Enviro Projects Pvt. Ltd.						
5.Type of pr	oject	Slum Rehabil	itation Scheme Housing Project					
	ct/expansion in existing ernization/diversification project	Modernizatio	n- SRA Scheme	0				
whether env	on/diversification, rironmental clearance tained for existing	Not applicabl	le					
8.Location o	of the project	Plot Bearing	C.T.S. no 412(pt) , 408(pt)					
9.Taluka		Kurla						
10.Village		Kanjur						
11.Area of the	he project	Municipal Co	rporation of Greater Mumbai (MCGM)					
12 100/101/		Revised LOI	u/no. SRA/ENG/1624/S/ML/LOI as per Regu	ılation 33(10) of DCR 1991				
Approval Nu	'Concession/Plan umber	IOD/IOA/Co	ncession/Plan Approval Number: SRA/E	NG/1624/S/ML/LOI Dated 30 DEC 2015				
		Approved Built-up Area: 22941						
13.Note on t applicable)	the initiated work (If	Removal of slum structures and excavation work has been initiated at the site.						
	C / IOD from MHADA/ wals (If applicable)	Revised LOI u/no. SRA/ENG/1624/S/ML/LOI Dated 30 DEC 2015						
15.Total Plo	t Area (sq. m.)	7647.00 sq. r	n					
16.Deductio	ons	1514.76 Sq. 1	n					
17.Net Plot	area	6132.24 Sq. m						
		a) FSI area (sq. m.): 27693.04 Sq. m						
18.Proposed Non-FSI)	l Built-up Area (FSI &	b) Non FSI area (sq. m.): 23834.29 Sq. m						
		c) Total BUA area (sq. m.): 51527.33 Sq. m						
19.Total gro	ound coverage (m2)	3084						
	coverage Percentage (%) entage of plot not open	50%						
21.Estimate	d cost of the project	150000000						
	22.Num	ber of l	ouildings & its config	guration				
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	Rehab Building W	ing A	Ground +18th floor	56.55				
2	Rehab Building W	'ing B	Ground +18th floor 56.55					
3	Rehab Building W	ing C	Ground +18th floor 56.55					
4	Rehab Building W	0	Ground +18th floor 56.55					
5	Rehab Building Wing Building)	0	Ground + 1st to 4th Floor+ Upper 13th Residential floor	56.55				
6	Sale Building 1 W	ling F	Ground +22nd floor	69.85				
0	Sale building I W	09.00						



Ground + 22nd floor

68.95

7

Sale Building 2

8	S	ale Building 3		d + 3 Podium + 17th tial floors (A & B Wing)	67.10				
23.Number tenants an		Rehab Building = Wing A,B,C,D,E = 310 Flats TOTAL Rehab Flats = 310 Flats Sale Building 1 = Wing F = 82 Flats Sale Building 2 = 84 Flats Sale Building 3 = A Wing = 98 Flats Sale Building 3 = B Wing = 95 Flats TOTAL Sale Flats = 359 Flats Nos. of Shops Rehab Building Wing D = 16 shops Sale Building 2 = 6 shops Sale Building 3 = 12 shops Total shops = 34 shops Society Office - 3 Balwadi - 4 Welfare Center - 4 Classrooms - 14 classrooms							
24.Number expected re users		r							
25.Tenant per hectar	Tenant density r hectare Not Applicable								
26.Height building(s)									
27.Right of (Width of t from the n station to t proposed b	the road earest fire the	18.30 m wide e	xisting tank road	A					
28.Turning for easy ac fire tender movement around the excluding t for the plan	cess of from all building the width	7.5 m	GER	<b>)</b>					
29.Existing structure (		Not Applicable	Y						
30.Details demolition disposal (I applicable)	with f	Existing structu	ure demolished.						
	CY		31.Produc	tion Details					
Serial Number	Pro	duct 1	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not apj	plicable	Not applicable	Not applicable	Not applicable				
		32.	Total Wate	er Requiremen	ıt				



		Source of	water	MCGM							
		Fresh wate	er (CMD):	311							
		Recycled w Flushing (		171							
		Recycled w Gardening		3							
		Swimming make up (		-							
Dry seasor	1:	Total Wate Requireme :		482							
		Fire fightin Undergrou tank(CMD)	ind water	450				6			
		Fire fightin Overhead tank(CMD)	water	150							
Excess treated water				207							
		Source of	water	MCGM							
		Fresh wate	er (CMD):	311							
		Recycled w Flushing (		171							
		Recycled w Gardening		0							
		Swimming make up (		-							
Wet seaso	n:	Total Wate Requireme :		482							
		Fire fightin Undergrou tank(CMD)	ind water	450							
		<b>Overhead</b>	Fire fighting - Dverhead water 150 ank(CMD):								
		Excess trea	Excess treated water 210								
Details of pool (If an	Swimming y)	Not applica	ble								
		3	3.Detail	s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)	)	Ef	fluent (CM	D)		
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	Level of the Ground water table:	2.5 to 3.0 m below ground level			
	Size and no of RWH tank(s) and Quantity:	4 Nos of tanks of 52, 10, 10 & 42 CUM capacity			
	Location of the RWH tank(s):	Ground Floor			
34.Rain Water Harvesting (RWH)	Quantity of recharge pits:	Not applicable			
	Size of recharge pits :	Not applicable			
	Budgetary allocation (Capital cost) :	18 Lakh			
	Budgetary allocation (O & M cost) :	2 Lakh/year			
	Details of UGT tanks if any :	Domestic tanks - 6 Nos of tanks having total capacity of 314 CMD Flushing tanks - 6 Nos of tanks having total capacity of 179 CMD Firefighting tanks - 3 Nos of tanks having total capacity of 450 CMD Rain Water Harvesting Tanks - 4 Nos of tanks having total capacity of 114 CUM			
35.Storm water drainage	Natural water drainage pattern:	The run-off rainwater from roof of each building will be drained out effectively by providing sufficient no. of rainwater outlets / khurras and heavy duty / gauge PVC down take pipes designed to handle the intensity / flow of rainwater. These rain water pipes are located in the toilet shaft and along the periphery of the building. These pipes are routed with necessary slope and dropped vertically down to GL. The rain water pipes finally will be conveyed to the rain water harvesting tank at groun			
	Quantity of storm water:	0.161 cum/sec			
	Size of SWD:	450 mm			
		× ,			
	Sewage generation in KLD:	420 KLD			
	STP technology:	Moving Bed Bioreactor (MBBR) Technology			
Sewage and	Capacity of STP (CMD):	STP 1: 212 m3/day, STP 2: 100 m3/day, STP 3: 117 m3/day			
Waste water	Location & area of the STP:	Below Ground with total area of 191 Sq. m			
	Budgetary allocation (Capital cost):	140 Lakh			
9	Budgetary allocation (O & M cost):	12 Lakh/year			
	36.Solie	d waste Management			
Waste generation in	Waste generation:	Construction Debris			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Disposal of construction waste will be as per "Construction and Demolition and De-silting Waste" (Management and Disposal) Rules 2006 at the designated site as directed by the MCGM.			
	Dry waste:	685 Kg/day			
	Wet waste:	1070 Kg/day			
Wasto goneration	Hazardous waste:	Not Applicable			
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not Applicable			
_ 1400	STP Sludge (Dry sludge):	Approximately 21.46 kg/day.			
	Others if any:	Not Applicable			

		Dry waste:		recyclable.	Recyclable v	vill be hande		clable and non- horize vendors and non sites	
Mode of I	Diamagal	Wet waste	:	Wet Garbage will be treated in Mechanical Composting Unit 'Organic Waste Convertor' (OWC) and the compost generated would be used as manure for gardening purpose and excess would be disposed off to landfill site of MCGM or would be sold to authorize vendors.					
applicable		waste:	Not Applica	ble					
		Biomedica applicable	•	Not Applica	ıble				
			STP Sludge (Dry sludge):					ng purpose and excess would be sold to	
		Others if a	ny:	Not Applica	ble			6	
		Location(s	):	Ground Flo	or			2	
Area requirem	ent:	Area for th of waste & material:		40 Sq. m			6	5	
		Area for m	achinery:	10 Sq. m					
Budgetary		Capital cos	st:	22 Lakh					
(Capital co O&M cost)		O & M cos	t:	4 Lakh/yea	2				
37.Effluent Charecterestics									
Serial Number	Paran	neters	Unit	Inlet Effluent Charecterestics		Outlet Effluent Charecterestics		Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicable	Not applicable		Not applicable		Not applicable	
Amount of e (CMD):	ffluent gene	eration	Not applica	ble					
Capacity of	the ETP:		Not applica	able					
Amount of trecycled :	reated efflue	ent	Not applica	able					
Amount of v	vater send to	o the CETP:	Not applica	ible					
Membership	o of CETP (if	f require):	Not applica	ble					
Note on ETH	P technology	to be used	Not applica	ble					
Disposal of	the ETP sluc	lge	Not applica	ble					
			38.Ha	zardous	Waste D	etails			
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	
			39.St	acks em	ission D	etails			
Serial Number	Section	& units	Fuel Us Quar		Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not app	plicable	Not app	olicable	Not applicable	Not applicable	Not applicable	Not applicable	
			40.De	tails of <b>F</b>	uel to b	e used			



Serial Number	Туј	pe of Fuel		Existing	Pro	posed	Total	
1	Not	applicable	1	Not applicable Not applicable Not applicable				
41.Source of	of Fuel		Not a	applicable				
42.Mode of	Transportat	tion of fuel to	site Not a	applicable				
		Total RG a	rea :	491.93 Sq. m				
	43.Green Belt		s to be cut	2				
43.Gree				77				
Development Lis		List of prop native tree			althia longifo	lia, Nyctai	stroemia flosregineae, Michelia nthus arboria, Putranjiva hta indica	
	Timeline for completion of plantation :			After completion of construction work				
	<b>44.Nu</b>	mber and	l list of t	rees specie	s to be pl	lanted i	in the ground	
Serial Number	Name of	the plant	Commo	ommon Name Qua			Characteristics & ecological importance	
1	Adina c	ordifolia	Kad	Kadamb		5	Shady, large tree, ball shaped flowers.	
2	Areca	catechu	Su	Supari			Medium sized evergreen tree	
3		troemia gineae	Tan	Tamhan 1		S	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers	
4	Michelia	champaca	Sonc	Sonchapha		f	Medium sized evergreen tree, ragrant yellow flowers, Butterfly host plant	
5	Polyalthia	a longifolia	As	Ashok 1		SI	hady tree with red-yellow flowers.	
6	Nyctanth	us arboria	Pari	jatak	10	S	mall deciduous fast growing tree, beautiful flowrers.	
7	Putranjiva	a roxborbhi 💧	Putra	anjiva	7		Medium sized evergreen tree	
8	Alstonia	scholoris	Sapta	aparni	5	SI	hady, large evergreen Tree, white fragrant flowers	
9	Azadirac	hta indica	Ne	em	5		Semi-evergreen tree with medicinal value	
45	5.Total qua	ntity of plan	ts on grou	nd				
46.Num	ıber and	list of sh	rubs an	d bushes sp	pecies to	be plan	ted in the podium RG:	
Serial Number	2	Name		C/C Distance			Area m2	
1	Not	Applicable		Not Applicable	Not Applicable Not Applicable			
				<b>47.Ene</b>	rav			
				_ / •	35			



Serial NumberComponentDescriptionCapital cost Rs. In LacsOperational and Maintenance cost (Rs. in Lacs/yr)									
Serial	Comp				Capital cost Rs		perational and Maintenance		
0	noutifi	-	) Operati	ion Phas	e (with Brea				
3				-			).50		
1 2		g water		- 0.10					
Serial Number		butes	Parar	neter	Total		nnum (Rs. In Lacs)		
		a)	Construc	ction pha	se (with Bre	ak-up):			
51	.Enviro	onment	al Man	nageme	nt plan Bu	ıdgeta	ry Allocation		
Ō&M	cost):	O & M cost		1 Lakh/year		_			
Budgetary (Capital		Capital cos	st:	43.20 Lakh					
applicable		Not	applicable			No	t applicable		
Source Not	Ex	isting pollu		i system		-	d to be installed		
0				_	on control S	-	1. 1		
2			Vater Heater	r 19% of pollution control Systems					
1	30% of the	]	panels	osed on solar PV 4%			4%		
Serial Number		nergy Conse				:	Saving %		
		49	9.Detail	calculati	ons & % of s	aving:			
30% of the e Solar Water		ting is propo							
		÷	rgy savi	ng by no	n-convention	al meth	od:		
		Details of l tension lin through th any:	e passing	Not Applicable					
		Fuel used:		LSD					
		DG set as I back-up du operation	iring	Rehab Bldg 2 No of 320 KVA, Sale Bldg 1 No of 380 KVA					
		load): Transform	er:	Not Applica	ble				
Power requirement:		load): During Op phase (Der	eration	3973.62 KW					
		During Op phase (Cor	eration	9271.32 KW					
		DG set as I back-up du constructio	iring	Not Applica	ble				
		During Construction Phase: (Demand Load)		200 KW	200 KW				
	Source of power supply :				Maharashtra state Electricity Board (M.S.E.B.)				

flores			Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	Page 229	Shri. Anand Kulkarni
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1		Sewerage twork	3 Nos of S total 429 KI			140			12	
2	RWH	I System	ystem 4 Tanks of t CUM cap		Ł	18			2	
3	Environmental Monitoring		6 monthl Noise , A anal	ir quality		-			5.0	
4	Solid Waste Management		Organic conve			22			4	
5	Solar System (Solar Installation)		30% of the external lighting is proposed on solar PV panels & Solar Water Heater		on	44		2		
6	Land	lscaping	maintena	plantation and maintenance of 77 trees		20			2	
7	D.	G. Set		3 DG sets of total 1020 KVA capacity		82			19	
8	8 Common Area Lighting		-			20			2	
51.S	Storag	e of che	emicals		amabl stance		osive	/haz	zardou	s/toxic
Descri	Description Status		Location Ca		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consur / Mon M	tĥ in	Source of Supply	Means of transportation
Not app	olicable	Not applicable	Not applicable		Not applicable	Not applicable	Not app	licable	Not applicable	Not applicable
			52.A	ny Oth	er Info	rmation	1		•	
No Informa	ation Availa	ble								
				Traffic	Mana	gement				
		Nos. of th to the ma design of confluenc	·	None						



	Number and area of basement:	Not Applicable
	Number and area of podia:	3 Nos podium with 3155 Sq. m of area
	Total Parking area:	4116.00 Sq. m
	Area per car:	17.54 Sq. m
	Area per car:	17.54 Sq. m
Parking details:	Number of 2- Wheelers as approved by competent authority:	58
	Number of 4- Wheelers as approved by competent authority:	234
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	8 B
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	30-06-2015
S	Brief informa	tion of the project by SEAC

Representative of PP, Roshan Agarwal & Architect Jitu Patel were present during the meeting along with environmental consultant M/s Aqura. PP informed that they have received LOI dated 30/12/2015. PP also informed that there is reservation of municipal primary school (G+3 flrs) in the plot.

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 PP stated that total plot area is 7647 m2 & total construction area of the project is 51,527.33 m2. Committee noted that the project under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

# **DECISION OF SEAC**

### **During discussion following points emerged:** PP to submit project specific disaster management plan, especially considering Municipal Primary School. Also 1. mention operation cost in the DMP. BIS should be incorporated for school building during construction phase. PP to submit commitment from MCGM to run the school. In absence of commitment from the MCGM, PP agreed to operate the school as CSR activities. PP to ensure that slope of ramp should be 1:12 for adequate vehicular & fire tender movement. 3. It is observed that STP is below ground under the stilt. PP to ensure adequate ventilation for the STP area. 4. 5. PP to ensure that BOD of treated sewage water should be less than 10mg/lit. PP to incorporate appropriate changes in rehab section to provide adequate light & ventilation particularly in 6. staircase sections & passages. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013. After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of above points. **Specific Conditions by SEAC:** SEIAA DECISION PP absent. Deferred

**Specific Conditions by SEIAA:** 

SHAA

# FINAL RECOMMENDATION

SEIAA have decided to defer the proposal till PP submits the additional information as per above conditions within 30

davs



#### SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

**Subject:** Environment Clearance for Proposed Construction of Residential cum commercial Project at Land Bearing S. No. 73 H. No. A/1, A/2, A/3, B/1,B/2, B/3, B/4, S.No.112 H. No. 4&5 at Village - Achole; Tal - Vasai, Dist - Palghar by M/s. Shree Sai Construction

General Information: Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

1.Name of Project	Proposed Construction of Residential cum commercial Project at Land Bearing S. No. 73 H. No. A/1, A/2, A/3, B/1,B/2, B/3, B/4, S.No.112 H. No. 4&5 at Village - Achole; Tal - Vasai, Dist - Palghar by M/s. Shree Sai Construction				
2.Type of institution	Private				
3.Name of Project Proponent	Mr. Pramod Chaturvedi, M/s. Shree Sai Construction				
4.Name of Consultant	Dr. D. A. Patil, Mahabal Enviro Engg. Pvt. Ltd				
5.Type of project	Housing project				
6.New project/expansion in existing project/modernization/diversification in existing project	New Project				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable				
8.Location of the project	Land Bearing S.No.73 H. No. A/1, A/2,A/3, B/1,B/2, B/3, B/4, S. No.112 H. No.4 &5 At Village - Achole, Tal - Vasai, Dist - Palghar.				
9.Taluka	Vasai				
10.Village	Achole				
11.Area of the project	Vasai Virar City Municipal Corporation (VVCMC)				
	VVCMC letter VVCMC/TP/RDP/VP/-0121 & 3051/012/2013-14 dated 09.04.2013				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: VVCMC letter VVCMC/TP/RDP/VP/-0121 & 3051/012/2013-14 dated 09.04.2013				
	Approved Built-up Area: 15634.01				
13.Note on the initiated work (If applicable)	FSI Area: 15634.01 m2 Non FSI Area: 3438.18 m2 Total Construction Area: 19,072.19 m2				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	VVCMC letter VVCMC/TP/RDP/VP/-0121 & 3051/012/2013-14 dated 09.04.2013				
15.Total Plot Area (sq. m.)	17,930 m2				
16.Deductions	3580.48 m2				
17.Net Plot area	14221.52 m2				
	a) FSI area (sq. m.): 24300.50 m2				
18.Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 6957.35 m2				
	c) Total BUA area (sq. m.): 31257.85 m2				
19.Total ground coverage (m2)	5101.085 m2				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	28.45%				
21.Estimated cost of the project	67000000				
22.Num	ber of buildings & its configuration				

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building No. 1	G+4	15.35
2	Building No. 2 (A to F) wing	G+7	23.9
3	Building No. 3 (A to D) wing	G+7	23.9
4	Building No. 4 (A to D) wing	G+7	23.9
5	CFC Building	G+4	15

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6	Row	v Houses (1 t	o 9)		G+1	6.6		
23.Number tenants an	-	576 flats wi	th shops 60	nos.				
24.Number expected re users	-	3,131 Nos						
25.Tenant per hectare		322/ha						
26.Height building(s)								
27.Right of (Width of t from the n station to t proposed h	che road earest fire the	20.0 m wide	e DP road (A	chole Road )		30		
28.Turning for easy ac fire tender movement around the excluding t for the plat	cess of from all building the width	Min 6 m				Joogb.		
29.Existing structure (		Not applica	ble					
30.Details demolition disposal (I applicable)	with f	Not applicable						
			<b>31.</b> F	Producti	on Details			
Serial Number	Pro	luct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not app	olicable	Not ap	plicable	Not applicable	Not applicable		
		3	2.Tota	l Water	Requiremen	nt		
		Source of	water	VVCMC				
		Fresh wate		263 KLD				
		Recycled w Flushing (		137 KLD				
		Recycled w Gardening		11 KLD				
		Swimming make up (		-				
Dry season:		Total Wate Requireme :		400 KLD				
			ng - Ind water ):	As per CFO NOC				
		Fire fightin Overhead tank(CMD)	water	As per CFO	NOC			
		Excess trea	ated water	222 KLD				

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		C		MUCINO						
		Source of Fresh wate		VVCMC						
			, ,	161 KLD						
		Recycled v Flushing (	CMD):	137 KLD						
		Recycled v Gardening		-						
Wet season:		Swimming make up (		-						
		Total Wate Requireme :		400 KLD						
		Fire fighti Undergrou tank(CMD	ind water	As per CFO	NOC			6		
		Fire fighti Overhead tank(CMD	water	As per CFO	NOC			<b>SS</b> ⁻		
		Excess tre	ated water	233 KLD						
Details of pool (If an		NA				C				
		3	3.Detail	s of Tota	l water o	onsume	d			
Particula rs	Cons	sumption (C			Loss (CMD)			ffluent (CM)	D)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
					. II				II	
		Level of th water table		3-4 m						
		Size and no of RWH tank(s) and Quantity:		4 RWH tanks of total 200 m3 capacity						
		Location o tank(s):	f the RWH	Underground						
34.Rain V Harvestin		Quantity o pits:	f recharge	Not applicable						
(RWH)		Size of rec	harge pits	Not applicable						
	SY	Budgetary (Capital co	allocation ost) :	Rs.12 Lakh						
		Budgetary (O & M cos	allocation st) :	1.0 Lakh/Year						
		Details of if any :	UGT tanks	Under-ground						
35.Storm	water	Natural wa drainage p		Toward South to North- East direction of plot						
drainage		Quantity o water:	f storm	2,024 m3/hr						
		Size of SW	D:	350mm x 4	50 mm					
Re	t n						And	and B. Ku	Ikarni	

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		Sewage ge in KLD:	neration	374 KLD					
		STP techno	ology:	MBBR Technology					
Sewage and		Capacity o (CMD):	f STP	2 Nos. with Total 400 KI	LD (STP 1: 175 KLD & S	TP 2: 225 KLD)			
Waste wa		Location & the STP:	area of	Ground					
		Budgetary (Capital co	allocation ost):	Rs. 60 Lakh					
		Budgetary (O & M cos	allocation st):	Rs. 12 Lakh/year					
		5	86.Soli	d waste Mana	gement	5			
Waste gene	eration in	Waste gen	eration:	Construction debris: 908	3 m3				
the Pre Cor and Constru phase:	nstruction	Disposal o constructi debris:		The construction debris	is utilized at site for leve	eling.			
		Dry waste:		596 kg/day					
		Wet waste	•	894 kg/day					
Waste gei	neration	Hazardous	waste:	NA					
in the ope Phase:		Biomedical waste (If applicable):		NA					
		STP Sludge (Dry sludge):		4 m3/day					
		Others if a	ny:	Household E Waste generation					
		Dry waste:		Dry garbage will be segregated & disposed off to recyclers					
		Wet waste:		Wet garbage will be composted using Mechanical Composting and used as organic manure for landscaping.					
		Hazardous waste:		NA					
Mode of I of waste:	Disposal	Biomedical waste (If applicable):		NA					
		STP Sludge (Dry sludge):		Sludge use as manure for gardening					
		Others if any:		The E- waste shall be handed over to E-waste management vendor authorized by MPCB					
	4	Location(s	):	Ground					
Area requirem	ent:	Area for the storage of waste & other material:		50 m2					
		Area for m	achinery:	30 m2					
Budgetary a		Capital cos	st:	Rs. 25 Lakh					
(Capital cos O&M cost):		O & M cos	t:	Rs. 9 Lakh/year					
			37.Ef	fluent Charectere	estics				
Serial Number	Paran	neters Unit		Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	Not ap	plicable	Not applicable	Not applicable Not applicable Not applicable					
Amount of effluent generation Not applica			Not applica	ble					
				No: SEIAA Meeting No. 1 g Date: May 2, 2017	10 Page 236 Shri.	and B. Kulkarnj Anand Kulkarni irman SEIAA)			

Capacity of	the ETP:		Not applica	able								
Amount of t recycled :	created efflu	ent	Not applica	able								
0	water send t	o the CETP:	Not applica	able								
Membershi	p of CETP (i	f require):	Not applica	able								
Note on ET	P technology	y to be used	Not applicable									
Disposal of	the ETP slue	dge	Not applica	able								
			38.Ha	azardous	Waste I	Details						
Serial Number	Descr	ription	Cat	UOM	Existing	Propose	i To	otal	Method of Disposal			
1	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicabl		ot Icable	Not applicable			
			<b>39.S</b> t	tacks em	ission D	etails			2			
Serial Number	Section	& units		sed with ntity	Stack No.	Height from ground level (m	dian	ernal neter n)	Temp. of Exhaust Gases			
1	Not ap	plicable	Not ap	plicable	Not applicable	Not applicabl		ot Icable	Not applicable			
			40.De	tails of <b>H</b>	uel to b	e used						
Serial Number	Тур	pe of Fuel		Existing		Propose	1	Total				
1	Not	applicable	1	Not applicabl	.e J	Not applica	ble		Not applicable			
41.Source of Fuel Not applicable												
42.Mode of Transportation of fuel to site Not applicable Total RG area : Total RG area required is 2133.22 m2 & provided is 2140 m2												
		No of trees										
43.Gree	n Belt	Number of be planted										
Develop	ment	List of pro native tree	posed	105								
		Timeline f completion plantation	n of	or of 1 Years								
	44.Nu	mber and		rees spe	cies to b	e plant	ed in	the g	ground			
Serial Number		the plant		n Name		ntity	-	aracte	eristics & ecological importance			
1	Azadirad	cta indica	Ne	em	1	5	La	arge tr	ee, good for roadside plantation			
2	Alstonia	scholaris	Sat	win	1	2	Shad	ly Tree	, white fragrant flowers			
3	Saraca	a asoka	Sita A	shoka	1	0	Shad	y tree	with red-yellow flowers.			
4	Mimuso	ps elengi	Ва	kul	1	2	Sha	idy tre	e, small white fragrant flowers			
5	Butea mo	nosperma	Ра	las		8		Medium sized deciduous tree. Beautiful orange flowers, Butterfly host plant				
6	Pongami	a pinnata	Ka	ranj	1	0			Shady tree.			
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7	Ficus retusa		Nan	druk	12	2	Shady tree, good for roadside plantation			
8	Bauhinia	racemosa	Ap	ota	8		Small tree with small white flowers, Butterfly host plant			
9	Deloni	x regia	Guln	ulmohar		C	Shady tree			
10	Michelia champaca		Son C	hapha	8		Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant			
45	5.Total qua	ntity of plant	s on grou	nd						
46.Nun	nber and	list of sh	rubs an	d bushes	s species	to be pla	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1		-		-			-			
				47.Eı	nergy					
		Source of po supply :	ower	MSEDCL						
			struction nand	250 kVA						
		DG set as Power back-up during construction phase		250 kVA	250 kVA					
Dee	_		ration nected	4.1 MW	0	9				
Pov require		During Open phase (Dem load):		2.2 MW						
		Transforme	r:							
		DG set as Po back-up dur operation pl	ring	2X250 kVA						
		Fuel used:		HSD						
		Details of hi tension line through the any:	passing	NA						
		48.Ener	<b>gy savi</b>	ng by no	n-conven	tional m	ethod:			
Efficient wa Energy effic Use of high Solar Stree	ll systems li cient lighting energy effic t lights are p	ON MEASURE ke solid blocks g using T5 lam cient pumps for proposed for co fos. of panels)	s with fly a ps, CFLs in r fire fighti	n flats and LH ng, UG tanks	s and STP	5	& Core area Passages G etc.			
		49	.Detail	calculati	ons & %	of savin	g:			
Serial Number	E	Cnergy Consei	rvation M	easures		Saving %				
1		Total Energy	saving: 21	.63 %			21.63			
2		aving through Water) is: 159 dema								



		50	.Details	of pollut	ion c	ontrol Syste	ms			
Source	Ex	isting pollu	ition contro	ol system		Pro	posed to be installed			
Not applicable		Not	applicable				Not applicable			
Budgetary		Capital co	st:	Rs. 35 lakh						
(Capital O&M		O & M cos	t:	Rs. 8 Lakh/	year					
51	.Envir	onment	tal Ma	nageme	ent p	lan Budg	etary Allocation			
		a)	Constru	ction pha	nse (v	vith Break-u	ı <b>p):</b>			
Serial Number	Attributos Paramotor Lotal Lost por applim (Rs. In Lacs)									
1		ay for dust ession		-			5			
2		nitation lets)		-			3			
3	Environmental Monitoring		As per the CPCB guidelines through MoEF Approved laboratories – Ambient Air-RSPM, PM2.5, SO2, NOx, CO), Noise: Leq day time and Night Time		5					
4		ater Supply ur Camp	y _			S	6			
5		neck-up & t aid		-			4			
6		Personal Equipment	Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.		5					
7	Traffic Ma	anagement	Sign Boards, Persons at entry exit and Parking area		3					
8	Safet	y nets		-	7					
9	Managem	Waste ent & Site nce activity		-			1.5			
10	Workers	raining to (Twice in ety Officer		-			3			
	5	b	) Operat	ion Phas	e (wi	th Break-up	):			
Serial Number	Comp	onent	Desci	ription	Capi	tal cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	STP (T	ertiary)	Enviro Monitorin STP out quality fo: COD, SS, 1	ous O & M onment g: Monthly, let water r pH, BOD, FC, Nitrate, e and O&G		12				
2		water and eet Light	Qua	rterly		35 8				

Alama			Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	<b>•</b>	Shri. Anand Kulkarni
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3		l waste	Continuo	us 0 & 1	M		25			9			
4		ngement r harvesting	filtration u	of SWE enches a	), and		12			1			
5	Lan	dscape	-	ily			25			3			
6		onmental litoring	As per ti guideline MoEF A labora	s throug	, h		-			4			
51.S	torage	e of ch	emicals				_	osiv	/e/haz	zardou	s/toxic		
substances)													
Descrip	Description S		Locatio	n	Stor Capa in I	icity	Maximum Quantity of Storage at any point of time in MT	/ M	umption onth in MT	Source of Supply	Means of transportation		
Not appl	Not applicable Not applicable Not applicable			ble Not Not applicable Applicable						Not applicable	Not applicable		
	52.Any Other Information												
No Informat	tion Availal	ble											
			53.	Traffi	ic Ma	anag	gement						
				20.0 m wide DP road (Achole Road)									
		Number basemen	and area of t:	NA									
		podia:	and area of	NA									
			king area:	3,755 m2									
		Area per Area per			13.75 m2 13.75 m2								
Parking	details:	Number Wheelers approved competer authority	of 2- 5 as 1 by nt	638									
		Number of 4- Wheelers as approved by competent authority:			227								
		Public Ti	ansport:	NA									
		Width of roads (m	all Internal ):	6 m									
		CRZ/ RRZ obtain, if	Z clearance any:	NA									

Alama		Anand B. Kulkarni
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Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Project site is 8 km away from Tungareshwar wild life sanctuary. As per the proposed Eco Sensitive Zone of Tungareshwar wildlife sanctuary, our project site is outside of the Eco-sensitive zone.
Category as per schedule of EIA Notification sheet	8 (a)
Court cases pending if any	NA
Other Relevant Informations	Our application to VVCMC dated 20.01.2016 for revised approval of build-up area upto 24,300.50 m2
Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	23-11-2015

### Brief information of the project by SEAC

Minutes of 48th SEAC-2 meeting :

Representative of PP, Anil Gupta & Architect Ashok Rengade were present during the meeting.

PP further informed that they have completed construction admeasuring 19,072.19 m2. Further, PP requested to appraise the project as per circular of Environment Dept. dated 21/04/2015 issued on the basis of High Court orders. Committee observed that construction admeasuring 19,072.19 m2 prior to EC is violation of the provisions of EIA Notification. However, considering High Court orders and subsequent circular of Environment Department dated 21/04/2015, Committee appraised the matter.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is observed that proposal was earlier considered in 43rd SEAC II Meeting. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 17,930 m2 & total construction area of the project is 31,257.85 m2. Committee noted that the project under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1,1A, presentation & plans submitted are taken on the record.

The synopsis of reply submitted by PP for the compliance points raised during 43rd SEAC II Meeting is noted by the Committee.

### **DECISION OF SEAC**



During discussion following points emerged:

1. PP to submit undertaking on legal paper regarding construction undertaken by them is less than 20,000 m2 & if it is false, PP will be liable for further legal action as per the law. PP to submit detailed statement for the construction completed till date.

2. PP, if applicable, to obtain NOC from Wild Life Board in terms of OM of MoEF dated 30/03/2015. Further, it is informed that part of the project falls within 8 kms of SGNP. PP & concerned Municipal Corporation to ensure the compliance of the NGT order dated 03/12/2015 in the application MA.No.125/2014 before issuing commencement certificate for further construction permissions in the area.

3. PP to ensure that fire tender movement is all around the buildings in the project.

4. PP to provide tertiary treatment to achieve BOD of 5 mg/lit. PP to submit detailed report on STP technology proposed along with mass flow diagram considering dry and wet season.

5. Further, treated water should be reused / recycled in the project itself to ensure the zero discharge outside the project boundary. PP to submit details accordingly.

6. It is observed that there is no sewer line constructed up to the project site. Therefore, PP to ensure that no possession shall be given before completion of the sewer lines and permission for the connection to the same by the competent authority. Local body to ensure the same.

7. PP to submit details of the source & commitment regarding drinking water from the competent authority.

8. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

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

# **SEIAA DECISION**

The PP states that

The Development permission of the proposal on land bearing S.No.73 H.No. A/1, A/2, A/3, B/1, B/2, B/3,B/4, S.No.112, H.No. 4 & 5,of village achole admeasuring 14490 sq mts was obtained from CIDCO vide order no. [i] CIDCO/VVSR/CC/BP/-3800/E/151 dated 8/01/2007. Then lands bearing S. No. 112/4 &5 of village Achole admeasuring 3440 sq mts was amalgamated to this proposal. Further latest Revised Development permission was granted by Vasai Virar City Municipal Corporation vide letter no. VVCMC/TP/CC/VP-0121 &3051/076/2013-14 dated 9/04/2013 for the combined proposal admeasuring17930 sq mts. The combined proposal now attracts the provisions of MOEF as the construction areaexceeds 20000 sq mts with future loading of TDR. The PP has therefore requested for approval for **31257.85 sq meters (FSI=**24300.50 m2**+nonFSI=**6957.35 m2) in the EC. The Authority approves this area. However, the PP shall restrict construction to the area mentioned in the IOD/Concession Certificate issued by the Planning Authority as and when amended and in any case shall not exceed 31257.85 sq meters.

Approved

**Specific Conditions by SEIAA:** 

### FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



#### SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

**Subject:** Environment Clearance for "ATLANTIS" PROPOSED DEVELOPMENT SCHEME ATPlot bearing c.t.s no. 320 , t.p.s no 1 , panchpakhadi, thane (w)

# **General Information:** Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

10011001)	011 1 11 111 10 4 44, 1 01 0 1							
1.Name of P	roject	"ATLANTIS"	PROPOSED DEVELOPMENT SCHEME					
2.Type of ins	stitution	Private						
3.Name of P	roject Proponent	Ashwamedh I	Builders & Developers					
4.Name of C	onsultant		ai Enviro Analysts & Engineers Pvt. Ltd., Mall Western Express Highway Borival					
5.Type of pr	oject	SRA Scheme						
	ct/expansion in existing ernization/diversification roject	Not applicabl	le	03				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project Not applicable								
8.Location of the project Plot bearing CTS No. 320 , TPS No 1 , panchpakhadi, thane (w)								
9.Taluka thane								
10.Village		thane						
11.Area of tl	he project	TMC (Thane	Municipal Corporation)					
		YES						
12.IOD/IOA/ Approval Nu	Concession/Plan	IOD/IOA/Concession/Plan Approval Number: TMC/TDD/0259/10						
		Approved B	uilt-up Area: 17077					
13.Note on t applicable)	the initiated work (If	Yes.17077.1sqm constructed on site						
	C / IOD from MHADA/ vals (If applicable)	TMC/TDD/4230 dtd. 17-12-2015						
15.Total Plo	t Area (sq. m.)	5994.69						
16.Deductio	ns	1664.83						
17.Net Plot	area	4329.86						
10 D	Desilt and Anna (ECL C	a) FSI area (sq. m.): 17740.64						
Non-FSI)	Built-up Area (FSI &	b) Non FSI area (sq. m.): 7480.12						
		c) Total BUA area (sq. m.): 25220.76						
	und coverage (m2)	2997.34						
	coverage Percentage (%) entage of plot not open	50%)						
-	d cost of the project	810000000						
	22.Num	ber of l	ouildings & its conf	iguration				
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	Rehab 1(R1)		Gr(p) + st + 8 floors 24.91					
2	Rehab 2(R2)		Gr + 8 floors         24.91					
3	Rehab 3(R3)		Gr+8 floors         24.91           Gr+8 floors         24.91					
4	Rehab 4(R4)		St+7floors+8(p)floors         24.91					
4	ivenan 4(N4)		21+ / 110013+0(h)110013	24.91				



5

Sale-1(S1)

Gr(p)+St+1floor (p)+2nd to 24th

(p) floors

69.46

23.Number tenants and			idential – 33 units – 29 n o's							
24.Number expected re users		Rehab -Res	idential – 16	70 no's, comi	mercial units – 87no's Sa	ale -1035 no's				
25.Tenant per hectare		950/hectare	<u>,</u>							
26.Height building(s)										
27.Right of (Width of t from the ne station to t proposed b	che road earest fire che	12.00 m wie	le T.P road &	& 15 m wide s	service road					
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation										
29.Existing structure (			1: Gr(p) + st + 8 floors R2: Gr + 8 floors R3: Gr+8 floors R4: st+7floors+8(p)floors S1: r(p)+St+1floor (p)+2nd to 14th (p) floors							
30.Details demolition disposal (If applicable)	with f	not applical	not applicable							
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not app	·		plicable Not applicable Not applicable						
					Requiremen	.t				
		Source of		TMC / treated water from STP						
		Fresh wate Recycled w		247						
		Flushing ( Recycled w		123						
		Gardening	(CMD):	3						
		Swimming make up (		0						
Dry season		Total Wate Requireme :		373						
			ng - Ind water ):	150						
		Fire fightin Overhead tank(CMD)	water	180						
		Excess trea	ated water	157						



		Source of	water	TMC/RWH/	treated wate	er from STP						
		Fresh wate	er (CMD):	247								
		Recycled w Flushing (	vater -	123								
		Recycled w Gardening		0								
Swimming pool make up (Cum):				0								
Wet season:		Total Wate Requireme :		370								
		Fire fightin Undergrou tank(CMD)	ind water	150								
		Fire fightin Overhead tank(CMD)	water	180								
		Excess trea	ated water	160								
Details of pool (If an		NA				C						
33.Details of Total water consumed												
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 th water table		4 m - 5 m bgl								
		Size and ne tank(s) and Quantity:		101 cu.m (2 days storage)								
		Location o tank(s):	f the RWH	Ground level								
34.Rain V	Water	Quantity o pits:	f recharge	NIL								
Harvestii (RWH)		Size of rec :	harge pits	NO								
	5	(Capital co		Rs 30 Lakh	S							
		Budgetary (O & M cos	allocation st) :	6 Lakhs	6 Lakhs							
		Details of if any :	UGT tanks	Flushing W Fire Water Rain Water	Vater Tank = ater Tank =1 Tank =150 k Harvesting tank=Groun	123 KL KL Tank =101 k	ίL					



25 Storm water	Natural water drainage pattern:	North to South					
35.Storm water drainage	Quantity of storm water:	0.404 m3/s					
	Size of SWD:	0.45 m X 0.9 m					
	Sewage generation in KLD:	314 KLD					
	STP technology:	RMBR					
Sewage and	Capacity of STP (CMD):	320 KLD					
Waste water	Location & area of the STP:	Below ground level					
	Budgetary allocation (Capital cost):	Rs 45 Lakhs					
	Budgetary allocation (O & M cost):	Rs 4.5 lakhs /annum					
	36.Solie	d waste Management					
	Waste generation:	yes					
Waste generation in the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Topsoil =449 cum =To be used for landscaping, Excavated material=8991 cum =Excavated material to be used for backfilling and for internal roads, Cement Bags =131857 Bags =Empty bags to be handed over to recycler, Paint container (@20L) =228 cans =To be handed over to recycler, Scrap metal generated=3 tons =100 % to be sold for recycling,Tiles=685 sqft=Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces.					
	Dry waste:	556					
	Wet waste:	819					
Waste generation	Hazardous waste:	NIL					
in the operation Phase:	Biomedical waste (If applicable):	NA					
i nuooi	STP Sludge (Dry sludge):	15					
	Others if any:	No					
	Dry waste:	To be hand 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 Disposal	Hazardous waste:	NIL					
of waste:	Biomedical waste (If applicable):	NIL					
	STP Sludge (Dry sludge):	To be used as a manure					
	Others if any:	NIL					
	Location(s):	at ground level					
Area requirement:	Area for the storage of waste & other material:	33					
	Area for machinery:	12					



	Budgetary allocation (Capital cost and		st:		Rs 45 Lakhs	S						
O&M cost)		0 & M cos	t:		Rs 4.5 lakhs	s /annı	ım					
			3	7.Ef	fluent Cl	hare	cter	estic	S			
Serial Number	Paran	neters	Un	nit	Inlet E Charect		-			Efflue eresti		Effluent discharge standards (MPCB)
1	Not app	plicable	No applio		Not apj	plicabl	е	N	lot apj	plicabl	e	Not applicable
Amount of e (CMD):	effluent gene	ration	Not a	ot applicable								
Capacity of			Not a	pplica	ble							
Amount of t recycled :	reated efflue	ent	Not a	pplica	ble							
Amount of v	vater send to	o the CETP:	Not a	pplica	ble							$\mathbf{C}$
	o of CETP (if	-	Not a									
	P technology		Not a									3
Disposal of	the ETP slud	lge	Not a	pplica	ble					0		
			38	B.Ha	zardous	Was	te D	etai	ls		<b>7</b>	
Serial Number	Descr	iption	Ca	at	UOM	Exis	ting	Prop	osed	То	tal	Method of Disposal
1	Not app	olicable	No applio		Not applicable	N appli		No applio		Not applicable		Not applicable
39.Stacks emission Details												
Serial Number	Section & limits			Fuel Used with Quantity			Stack No. Hei grou level		om und	Internal diameter (m)		Temp. of Exhaust Gases
1	Not app	olicable	N	iot app	nlicohlo		ot cable	No applio		N appli		Not applicable
			40	).De	tails of F	uel	to be	e use	ed			
Serial Number	Тур	e of Fuel		9	Existing			Prop	osed			Total
1	Not	applicable	V	N	lot applicabl	е	N	lot app	licable Not applicable			Not applicable
41.Source o	f Fuel		Not applicable									
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							
		Total RG a			RG on grou	nd: 34	4.75 s	qm, El	evated	d RG: 1	167.59	sqm
	5	No of tree	s to be	e cut	NIL							
43.Gree	n Belt	Number of be planted		to	20							
Develop	ment	List of pro native tree	posed		AS BELOW							
		Timeline f completion plantation	n of		at the end o	of cons	tructio	on pha	se			
	44.Nu	nber and	l list	of t	rees spe	cies	to b	e pla	nte	d in t	the c	round
Serial Number	Name of				n Name			ntity	Characteristics & ecological importance			
Re	6 m		•								Ang	nd B. Kulkarni
Shri Satish. (Member Se	M.Gavai ecretary SEIA				No: SEIAA M g Date: May			10	-	e 247 of 262		Anand Kulkarni rman SEIAA)

1	Alstonia	scholaris	D	EVIL'	S TREE		2		evergreen tropical tree		
2	Azadiracl	hta Indica THE INDIA		AN LILAC		4		dicinal value, Drought tolerant becies, Very ornamental, Well flowering plant, Honey bee attracting species,			
3	Butea Mo	nosperma THE FLAM FOR		-	A			medicinal value, bird attracting species, to control soil erosion			
4	Eucalyptus	s citriodora	LEMC	N EU	JCALYPTUS		3		medicinal value		
5	Madhuca	longifolla	THE	E HON	JEY TREE		3	iı	ndain tropical tree, medicinal vlaue		
6	Mangife	ra Indica	THE	MAN	IGO TREE		2		fruit bearing tree, shady		
7	Terminal	ia Arjuna	А	RJUN	I TREE		2		shady		
45	5.Total qua	ntity of plan	nts on g	groui	nd						
<b>46.Nun</b>	nber and	list of s	hrubs	s an	d bushes	spe	cies to b	e plant	ed in the podium RG:		
Serial Number		Name			C/C Dista	nce			Area m2		
1		NA			NA				NA		
					<b>47.</b> Er	ierg	IV		3		
	Source of power supply :				MSEDCL						
		During Co Phase: (De Load)		tion	100 KW						
			DG set as Power back-up during construction phase		100 KVA						
D			Operation (Connected		4677.6 Kw						
Pov require		During Op phase (De load):			1186.2 Kw						
		Transform	ler:		NA						
		DG set as Power back-up during operation phase:		1 X 320 KVA							
		Fuel used:		HSD							
	C V	Details of high tension line passing through the plot if any:		no							
		48.Ene	ergy s	savi	ng by noi	n-coi	nvention	al meth	od:		
2. used of L	area lighting ED lights water system	-									
			9.Det	tail	calculati	ons	& % of s	aving			
Serial Number	Е	nergy Cons							Saving %		
1	Number								31		
		50		nils (	of polluti	ion c	ontrol S	vstems			
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Source	Ex	isting pol	lution contro	l syster	n	Proposed to be installed					
Not applicable		No	ot applicable			Not applicable					
Budgetary		Capital c	ost:	Rs 107	lakhs						
(Capital O&M		0 & M co	ost:	Rs. 21	lakhs						
51	.Enviro	onmer	ntal Mar	nage	ment	plan Bı	ıdg	etary	Alloca	ation	
		a)	) Construc	ction :	phase (	with Bre	ak-u	<b>p):</b>			
Serial Number	Attri	butes	Parai	neter		Total	C <mark>ost</mark> p	er annu	m (Rs. In I	lacs)	
1	Air Envi	ronment		for dust ession				6.00			
2	Land Env	rironment	iste sar	nitation				0.80		)	
3	Hnyaronmont			nmental toring				1.00			
4	EI	HS	disinf	ection				1.5			
5	EHS health check up							15.00			
		]	b) Operat	ion P	hase (w	ith Brea	k-up	):			
Serial Number	Comp	Component Descri			n Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)			
1	soild	waste	OV	VC		16			2		
2	wa	ter	S	ГР	(	45			4.5		
3	Energy	savings	solar s	system		107			21		
4	wa	ter		system		> 30			6		
5	la	nd	Lands	caping		8			2		
<b>51.S</b>	torage	of ch	emicals		lamab stanc	-	osiv	/e/haz	zardou	s/toxic	
Description Status		Location	Location		Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation		
Not appl	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable	
	CY		52.A	ny Ot	her Inf	ormation	1				
No Informa	tion Availabl	e									
			53.	Traffi	c Mana	gement					
			he junction ain road & f			road & 15 m	n wide	service r	oad		



	Number and area of basement:	nil
	Number and area of podia:	nil
	Total Parking area:	
	Area per car:	
	Area per car:	
Parking details:	Number of 2- Wheelers as approved by competent authority:	103
	Number of 4- Wheelers as approved by competent authority:	63
	Public Transport:	nil
	Width of all Internal roads (m):	12.00 m 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 -3 km Arial distance (west )
	Category as per schedule of EIA Notification sheet	Schedule 8a, Category B
	Court cases pending if any	Nil
	Other Relevant Informations	nil
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	20-08-2015
	Brief informa	tion of the project by SEAC



#### Minutes of 51st SEAC-2 :

PP informed that they have received LOI in 2008 & CC on 14/05/2010 with 2.5 FSI for total construction area of 18,987.25 m2. Now, as per the policy of September 2014, PP has received additional 0.5 FSI on 17/12/2015. PP stated that because of additional 0.5 FSI, total construction area is now 25,475.25 m2 hence application for expansion.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that the project is earlier considered in 45th meeting of SEAC II. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP further stated that total plot area is 5994.69 m2 & total construction area of the project is 25,474.26 m2. Committee noted that the project is under 8a (B2) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

### **DECISION OF SEAC**

**During discussion following points emerged:** 

1. PP & Architect to submit undertaking on legal paper regarding construction undertaken is by them is less than 20,000 m2 & if it is false, PP is liable for further legal action as per the law. PP to submit detailed statement for the construction completed till date.

2. It is noted that access to fire tender is only for sale building and there is no access to the rehab buildings. Further, rehab components are already been constructed. Sale component up to 14th floor has also been constructed. Vertical Expansion from 14th to 24th part is on sale component only.

3. Even at present also rehab building appears to be at risk since no fire tender movement around the land locked building. PP to submit plan / commitment of public authority for providing access to fire tender for rehab component.

4. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

**Specific Conditions by SEAC:** 

### **SEIAA DECISION**

The PP was directed to submit the OC for the rehab building. This he has done on 2nd May 2017. Approved

**Specific Conditions by SEIAA:** 

## FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions



#### SEIAA Meeting number: SEIAA Meeting No. 110 Meeting Date May 2, 2017

**Subject:** Environment Clearance for Expansion of "ACME BOULEVARD" - Proposed Redevelopment Project by M/s. Acme Realties Pvt. Ltd.

**General Information:** Venue: Maharashtra State Finance Corporation (MSFC), United India Building, 1st Floor, Sir P.M.Road, Fort Mumbai-01 Time : 10.00 AM

		1		laure and Designat					
1.Name of P		-	"ACME BOULEVARD" - Proposed Redeve	lopment Project					
2.Type of ins		Private							
3.Name of P 4.Name of C	roject Proponent onsultant	M/s. Acme Realties Pvt. Ltd. Project Proponent : M/s . Acme Realties Pvt. Ltd ; Architect : M/s. HM Jhaveri and Sons; Traffic Consultant :M/s Transportation and Traffic Engineering ;DMP Consultant:M/s. Bonde technical services.;Environmental Consultant: M/s Enviro Analysts and Engineers Pvt. Ltd.							
5.Type of pro	oject	Redevelopment Project, (Under DCR 33/(5) of MCGM.)							
	ct/expansion in existing ernization/diversification roject	Not applicabl	Not applicable						
whether env	f expansion/diversification, ether environmental clearance s been obtained for existing oject Not applicable								
8.Location o	f the project	CTS no.160A village Majas (East),Mumb	/1 (PT) & 162(PT) of village Majas part-1,1 part -3 at Sarvodaya Nagar Mhada layout ai 400060.	63 (pt),165 (pt),170 (pt), & 170(c) of , sarvodaya Nagar ,Jogeshwari					
9.Taluka		Jogeshwari							
10.Village		Majas							
11.Area of tl	he project	Municipal Co	rporation of Greater Mumbai (MCGM)						
12 100 //0 //		Sale IOD: CHE/WS/0284/K/337 dtd 20th April 2016 ; MHADA/REHAB IOD: CHE/WS/0282/K/337 dtd 29th March 2016							
	12.IOD/IOA/Concession/Plan Approval Number		ncession/Plan Approval Number: Sale I A/REHAB IOD: CHE/WS/0282/K/337 dtd 2						
		Approved B	uilt-up Area: 259575.69						
13.Note on t applicable)	he initiated work (If		tion work done so far is 3,739.44 Sq.mt. fo as per previous EC vide no. SEAC 2011/C						
	C / IOD from MHADA/ vals (If applicable)	NOC from MHADA: 28th March 2014							
15.Total Plo	t Area (sq. m.)	35173.44 sqm							
16.Deductio	ns	2198.33 sqm							
17.Net Plot	area	32975.11 sqm							
18.Proposed	Built-up Area (FSI &	<b>a) FSI area (sq. m.):</b> 134412.93 Sq.m. (Sale - 86,923.02 Sq.m. Rehab / MHADA - Residential -45,277.81 Commercial -2,212.1)							
Non-FSI)		b) Non FSI area (sq. m.): 125162.76							
		c) Total BUA area (sq. m.): 259575.69							
19.Total gro	und coverage (m2)	17829							
	coverage Percentage (%) entage of plot not open	53.78 %							
21.Estimate	d cost of the project	560000000	560000000						
	22.Number of buildings & its configuration								
Serial number	Building Name & r	number	Number of floors	Height of the building (Mtrs)					
1	Sale - 1 No. with 6 nos	. of wings.	2B +LG+GR.+2P+26 Floors	97.10 max.					
2	Rehab /MHADA Build	ling No1	GR. +2P+ 20 Floors.	69.45					
	Dalah (MIIADA Daila	ling No2	Stilt +3P +19th Floors	69.2					
3	Rehab /MHADA Build	ing noz	$5 \text{ m}$ $\pm 5 \text{ m}$ $\pm 19 \text{ m}$ $\pm 10018$	09.2					



4	Rehab /I	MHADA Buile	ding No4	G	+ 22nd Floors		69.2			
5		NA			NA		NA			
23.Number tenants an			ngs - 954 Nos ADA Buildin 5 no's		5					
24.Number of expected residents / Sale Buildings - users			ngs - 4770 N	os. ; Rehab /	MHADA Buildings	– 3255 No'	s; Total - 8025 Nos.			
25.Tenant per hectar		479.38 tene	ements/hecta	ire						
26.Height building(s)										
27.Right o (Width of t from the n station to t proposed h	the road earest fire the	18.30 m wi	de DP road ;	13.40 m wide	e DP road		005			
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	>7.5 m				009				
29.Existing structure (		Demolition MHADA ter		ne as per pre	e as per previous EC (dtd 17th January 2013). Existing structures were					
30.Details demolition disposal (I applicable)	with f		1800 Cum Bricks Shall be sold to authorized Recycler ; 40Cum of Asbestos Disposal as per CHWTSDF norms. ; 100Cum of Scrap metal Disposal as per CHWTSDF norms							
		1	31.P	roduct	ion Detail	S				
Serial Number	Pro	duct	Existing	(MT/M) Proposed (MT/M)		/M)	Total (MT/M)			
1	Not apj	plicable	Not ap	plicable	Not applicable					
		3	82.Tota	l Wate	r Requiren	nent				
		Source of	water	MCGM / Re	cycled water					
		Fresh wate	er (CMD):	703						
		Recycled v Flushing (		355.6						
		Recycled v Gardening		58						
	2	Swimming make up (		NA						
Dry season	1:	Total Wate Requirements	-	1116.3						
		Fire fighti Undergrou tank(CMD	ind water	AS PER CFO NOC						
		Fire fighti Overhead tank(CMD	water	AS PER CFO NOC						
		Excess tre	ated water	462.175						
6 De							A. 1. 0. 10 H.			

Alama			Anand B. Kulkarni
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(Member Secretary SEIAA)	Meeting Date: May 2, 2017	of 262	(Chairman SEIAA)

		Source of	water	MCGM / Re	ecycled water	r/ RWH					
		Fresh wate	er (CMD):	522.3(MCG	M) + 181(RV)	WH)					
		Recycled w Flushing (		355.6							
		Recycled w Gardening		NA	NA						
		Swimming make up (		NA							
Wet seaso	n:	Total Wate Requireme :		935.3							
		Fire fightin Undergrou tank(CMD)	nd water	AS PER CF	O NOC			5			
		Fire fightin Overhead tank(CMD)	water	AS PER CF	O NOC						
		Excess trea	ated water	519.575							
	Details of Swimming pool (If any) NA										
33.Details of Total water consumed											
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		
		i									
		Level of th water table		1.00 m to 7.60 m							
		Size and no of RWH tank(s) and Quantity:		Nos of RWH : 6 no's for Sale & 3 Nos. for Rehab.; Capacity For Sale: 72 cum/Day ; For Rehab: 109 cum/Day							
		Location o tank(s):	f the RWH	Upper ground floor							
34.Rain V	Water	Quantity o pits:	f recharge	NA							
Harvestii (RWH)	ng	Size of rec :	harge pits	NA							
	SY	Budgetary (Capital co		30.00 lakhs							
	<i></i>	Budgetary (O & M cos		3.00 lakhs/yr.							
		Details of if any :	UGT tanks	Rehab:	Location(s) of the UGT tank(s)- Lower ground floor						

	Natural water							
	drainage pattern:	Natural slope Towards North - west						
35.Storm water drainage	Quantity of storm water:	1.247 m3/sec.						
	Size of SWD:	Storm water drain channel of 450 mm 600 mm and 300 mm width (total 7 outfalls connected to municipal drains)						
	Sewage generation in KLD:	965						
	STP technology:	MBBR						
	Capacity of STP (CMD):	965 cum. (5 nos. 2 x 270 KLD, 210 KLD, 140 KLD and 75 KLD )						
Sewage and Waste water	Location & area of the STP:	TOTAL STP AREA OF SALE & REHAB IS 1220 SQM . STP Located on Lower Ground Floor plan for Sale Building. STP Located on Ground Floor Plan for MHADA/Rehab Building No1 and 4						
	Budgetary allocation (Capital cost):	120.00 lakhs						
	Budgetary allocation (O & M cost):	15.00 lakhs/yr						
	36.Solid	d waste Management						
Waste generation in the Pre Construction and Construction	Waste generation:	• Quantity of the top soil to be preserved:- Excavation Quantity: The Excavation Quantity of 49,000 cum has been already transported as per the debris management plan, it is estimated that 27,000 cum quantity has to be excavated yet. 10 % for top soil preservation. 20 % will be used for backfilling.						
phase:	Disposal of the construction waste debris:	1800 Cum Bricks Shall be sold to authorized Recycler ; 40Cum of Asbestos Disposal as per CHWTSDF norms. ; 100Cum of Scrap metal Disposal as per CHWTSDF norms						
	Dry waste:	1578						
	Wet waste:	2367						
Waste generation	Hazardous waste:	NA						
in the operation Phase:	Biomedical waste (If applicable):	NA						
	STP Sludge (Dry sludge):	70						
	Others if any:	NA						
	Dry waste:	Collected by recyclers						
	Wet waste:	Utilized as manure through Organic Waste composting machine.						
	Hazardous waste:	NA						
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA						
-								
	STP Sludge (Dry sludge):	70						



		Location(s	):		For Sale : On Upper Ground Floor plan ; For Rehab/MHADA Building No. 1: Ground Level ; For Rehab/MHADA Building No. 4 : 2nd Podium Level ;						
Area requirem	ent:	Area for th of waste & material:		Sale : AREA REQUIRED FOR STORAGE is 84.9sq.m. ; MHADA/Rehab : AREA REQUIRED FOR STORAGE is 58.3sqm							
		Area for m	achinery:	Area requirement For OWC Machine only for Sale Building: For OWC 500 : 2.78 sqm; Area requirement for MHADA/Rehab Building for OWC machine only : For OWC 300 : 2.77 Sq.mt							
Budgetary		Capital cos	st:								
(Capital co O&M cost)		O & M cos	t:	6.00 Lakhs/yr.							
37.Effluent Charecterestics											
Serial Number	Paran	neters	Unit	Inlet E Charect			Outlet Charect			Effluent discharge standards (MPCB)	
1	Not ap	plicable	Not applicable	Not ap	plicabl	e	Not apj	plicabl	e	Not applicable	
Amount of e (CMD):	Amount of effluent generation (CMD): Not applied										
Capacity of	the ETP:	Not applic	pplicable								
Amount of treated effluent Not ap				able							
Amount of v	Not applic										
Membershij	able										
	P technology		Not applic								
Disposal of	the ETP sluc	lge	Not applic								
			<b>38.H</b>	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	Not apj	plicable	Not applicable	Not applicable	N appli	ot cable	Not applicable		ot cable	Not applicable	
			<b>39.S</b>	tacks em	issio	on De	etails				
Serial Number	Section	& units		sed with ntity	Stac	k No.	Height from ground level (m)	diam	rnal ieter n)	Temp. of Exhaust Gases	
1	Not apj	plicable	Not ap	plicable		ot cable	Not applicable	N appli	ot cable	Not applicable	
			40.De	tails of H	uel	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	е	Ν	lot applicabl	е		Not applicable	
41.Source o				applicable							
42.Mode of	Transportat	ion of fuel to	site Not	applicable							



Total RG area :		rea :		and =8310.9 S sed =11351.9		n podium=3041 Sq.m ;Total RG				
		No of trees	to be cut	55 Nos.	55 Nos.					
			Number of trees to be planted :		165 Nos.					
Develop	ment	List of prop native tree		As mention	ed in the List	of propose	d plantation on ground			
		Timeline for completion plantation	of	At the time	At the time of completion of the project					
	<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	tity	Characteristics & ecological importance			
1	ficus	retusa	Nandruk		10	)	NA			
2	Azadirac	hta indica	indica Nee		11		NA			
3	Erythrina	a variegata Pang		gara	7		NA			
4	Tamarand	us indicum Aml		nbli	12		NA			
5	Mangife	ra indica Aa		am	19		NA			
6	Putranjiva	roxburghii Putra		anjiva	15		NA			
7	Pongami	a pinnata	Kai	ranj	11		NA			
8	Syzigiur	n cumini	Jan	nun	10		NA			
9	Alstonia	scholaris	Sat	zwin	15		NA			
10	Cassia	fistula	Bah	nava	10	)	NA			
11	Terminal	ia cattapa	Bac	dam	15	)	NA			
12	Saraca	a asoka	Sita a	ashok	15	)	NA			
13	Cocus 1	nucifera	Nai	riyal	15		NA			
14	То	otal	Ň	IA	16	5	NA			
<b>4</b> 5	5.Total qua	ntity of plan	ts on grou	nd						
46.Num	nber and	list of sh	rubs an	d bushes	s species	to be pl	anted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
1		As					NA			
				47.EI	nergy					



		Source of	power	Reliance En	erav						
		supply :		ronunce Ell	9 <i>J</i>						
		During Co Phase: (De Load)		100 KW							
		DG set as back-up du constructi	uring	80 kVA	80 kVA						
Power	During Op phase (Cor load):		Sale : 17,11	Sale : 17,114.88 KW ; MHADA / Rehab Buildings : 15,113.75KW							
require		During Op phase (De load):		Sale : 7,339.59 KW ; MHADA / Rehab Buildings : 5,344.17 KW							
		Transform	er:	02nos. 33/1	1KV Power Transf	ormers (20N	/IVA each)				
		DG set as back-up du operation	uring		Sale : 2 x 750 KVA ; MHADA / Rehab Buildings : 1 x 400 KVA for blg.no.1, 1 x 750 KVA for building no.4, 1 x 500 KVA for Building no.2						
		Fuel used:		High Speed							
		Details of tension lin through th any:	e passing	NA							
		48.Ene	ergy savi	ng by no	n-convention	al meth	od:				
Description	Percentage	of Energy sa	aving								
Description Percentage of Energy saving											
% of renewa % of renewa	Total Energy Saving in% 20% % of renewable w.r.t to energy consumed 10% % of renewable w.r.t to energy saving 50% Energy saved per year in kW (lac Units) - 8.741										
2. Use of LE	ng can be ad hergy efficie: 2D/T5 hergy efficien	chieved by; nt lighting sy nt motors and	C								
		4	9.Detail	calculati	ons & % of s	aving:					
Serial Number	E	nergy Cons	ervation M	easures		S	Saving %				
1		As mer	ntioned abov	e		As me	entioned above				
		50	.Details	of polluti	on control S	ystems					
Source	Ex	isting pollu		_		-	d to be installed				
Not applicable		Not	applicable			Not	t applicable				
Budgetary		Capital co	st:	152 lakhs							
	ital cost and &M cost:     0 & M cost:     7 lakhs/yr.										
51.Environmental Management plan Budgetary Allocation											
a) Construction phase (with Break-up):											
Serial Number	Serial Attributos Paramotor Total Cost por appum (Rs. In Lacs)						num (Rs. In Lacs)				
							1				
L Do							A., 1 0 10 11				

A paras			Anand B. Kulkarni
Shri Satish.M.Gavai	SEIAA Meeting No: SEIAA Meeting No. 110	Page 258	Shri. Anand Kulkarni
(Member Secretary SEIAA)	Meeting Date: May 2, 2017	of 262	(Chairman SEIAA)

Nos. of the junction to the main road & design of confluence:					Existing 18.30 m wide DP road						
53.Traffic Management											
No Informa	tion Availal	ble									
			52.A	ny Otł	ner Info	rmation					
Not applicable		Not applicable	Not applicable		Not applicable	Not applicable Not app		pplicable	Not applicable	Not applicable	
Description St		Status	Location		Storage Capacity in MT	pacity storage		umption onth in MT	Source of Supply	Means of transportation	
<b>J1</b> .5	torage				stance	_	J31V	C/1104	Laiuuu	5/ UAIC	
	7Total56991.2551.Storage of chemicals (inflamable/explosive/hazardous/toxic)										
6		OMP Jotal		DMP		192.1		55.25 91.25			
5		scaping	Lands			35		5.25			
4		nvironment		system		30			3		
3	Er	nergy	Energy			152		7			
2	Water E	nvironment	SI	ГР	120.0				15		
1		l Waste agement	OV	OWC		40		6			
Serial Number	Component		Descr	Description		Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)			
		]	b) Operat	ion Ph	ase (wi	th Breal	k-up	):			
6	TC	OTAL 7		tal				48			
5		conment litoring	Air,water,noise so monitoring during construction phase		ſ	5					
4	Good Hea	lth Practices	Site Sanitation & Health Care			10					
3	Water E	nvironment	Modular STP , Drainage with sedimentation tank		.s	6					
2	Noise Environment		Greei	Noise Baricades ar Green Belt Developments		12					
1	Air Env	r Environment Water Sp Green Developme: storag		Belt it, Covered		15					



	Number and area of basement:	Sale : 2 Nos. of Basements of area 19298.25 Sq.m.				
	Number and area of podia:	Sale : Area of 2 podiums=18857.68 sqm.; For Rehab : Total parking area of podiums + ground floor =15024 sqm				
	Total Parking area:	FOR SALE- Number & area of basements=19298 sqm, Area of lower ground=9946 sqm, Area of ground=9946 sqm, Area of 2 podiums=18857.68 sqm.; For Rehab : Total parking area of podiums + ground floor =15024 sqm				
	Area per car:	Area per car For Sale : 32.64 sqm; Area per car for Rehab/MHADA : 34.57 sqm				
	Area per car:	Area per car For Sale : 32.64 sqm; Area per car for Rehab/MHADA : 34.57 sqm				
Parking details:	Number of 2- Wheelers as approved by competent authority:	As per approval				
	Number of 4- Wheelers as approved by competent authority:	Total Proposed Parking = 2252 no's (Sale- PROV-1679 no's and MHADA/Rehab - Prov573 Nos)				
	Public Transport:	NA				
	Width of all Internal roads (m):	Min 7.5 m wide drive ways				
	CRZ/ RRZ clearance obtain, if any:	NA				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA				
	Category as per schedule of EIA Notification sheet	8(b) B1				
	Court cases pending if any	NA				
	Other Relevant Informations	This is to inform you that the project "ACME BOULEVARD" - Proposed Redevelopment Project by M/s. Acme Realties Pvt. Ltd. was earlier presented in the 50th meeting of SEAC II as Item No. 06., and after deliberation, was appraised and recommended to SEIAA.				
S	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
Brief information of the project by SEAC						



#### Minutes of 50th SEAC-2 meeting :

Representative of PP, Shri Munish Doshi & Architect Mr H M Jhaveri were present during the meeting along with environmental consultant M/s EAEPL. PP informed that they have received IOD on -15th Nov 2010, 8th Feb 2011, 29th March 2014, and 29th March 2016 Rehab & Sale component respectively.

PP informed that they have received earlier EC vide letter dated 17/01/2013 for total construction area of 1,34,021 m2. PP informed that they have completed construction admeasuring 3739.44 m2 as per EC.

Committee noted comparative changes due to proposed expansion/amendment.

The project proposal was discussed on the basis of presentation made and documents submitted by the proponent. It is noted that project was earlier considered in 37th SEAC II Meeting in which ToR was issued. PP submitted EIA report. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. PP stated that total plot area is 35,173.44 m2 & total construction area of the project is 2,59,575.69 m2. Committee noted that the project under 8a (B1) category of EIA Notification, 2006. Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

# **DECISION OF SEAC**

**During discussion following points emerged:** 

1. PP submitted compliance report with comparative statements of conditions stipulated in earlier EC.

2. PP to submit concession obtained from Municipal Commissioner for increasing height from 45 m to 97.10 m on the road width of 18.30 m.

3. PP to submit HRC permission for proposed building height of 97.10 m.

4. Nallah diversion should be done only as per the conditions stipulated by the MCGM. Design parameters such as rainfall intensity, return period to be considered for the design fixed by MCGM.

5. PP to ensure that nallah not to be covered.

6. Proper design of storm water drainage considering all phases in the entire project area should be done to ensure that it should not overload outside storm water drain & submit along with storm water drainage calculations.

7. PP to revise project specific DMP giving details of rescue plans in case of disasters. It's costing may also be include into the overall DMP costing & item wise details may be shown.

8. PP to provide air cleaning system in basement.

9. PP, if applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.

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

**Specific Conditions by SEAC:** 



### **SEIAA DECISION**

Approved

**Specific Conditions by SEIAA:** 

### FINAL RECOMMENDATION

SEIAA have decided to grant the proposal for Prior Environmental Clearance subject to above conditions

SHAAAAA



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