SEAC Meeting number: 54 **Meeting Date** July 4, 2017

		0	0	• •				
Subject: Er	vironment Clearance for	EWS Mass	Housing Scheme Survey .no	80, 81 Bandarli, Tal-Thane				
General I	nformation:							
1.Name of P	roject	Proposed EW (Phase I)	S Mass Housing Scheme Survey	.no.80, 81 Bandarli, Tal-Thane, Maharashtra				
2.Type of ins	titution	Government						
3.Name of P	roject Proponent	Kokan Housii	ng and Area Development Board	(MHADA)				
4.Name of C	onsultant	Fine Envirotech engineers						
5.Type of pro	oject	Housing proj	ect					
6.New project/mode in existing p	ct/expansion in existing ernization/diversification roject	Not applicable						
7.If expansion whether environments has been obto project	n/diversification, ironmental clearance cained for existing	Not applicable						
8.Location o	f the project	Survey .no.80), 81 Bandarli, Tal-Thane					
9.Taluka		Thane						
10.Village		Bandarli						
11.Area of th	ne project	other area						
		Not received	yet					
12.IOD/IOA/	Concession/Plan	IOD/IOA/Concession/Plan Approval Number: Not received vet						
Approvarivu	IIIDEI	Approved Built-up Area: 34522						
13.Note on t applicable)	he initiated work (If	No						
14.LOI / NOO Other approv	C / IOD from MHADA/ vals (If applicable)			9				
15.Total Plot	t Area (sq. m.)	13809 sq.m.						
16.Deduction	ns	2002.3 sq.m.						
17.Net Plot a	area	11806.70 sq.	m.					
		a) FSI area (sq. m.): 21629.60						
18.Proposed Non-FSI)	Built-up Area (FSI &	b) Non FSI area (sq. m.): 3451.15						
		c) Total BUA area (sq. m.): 25080.75						
19.Total gro	und coverage (m2)	1855.13						
20.Ground-c (Note: Perce to sky)	overage Percentage (%) ntage of plot not open	13.43						
21.Estimated	l cost of the project	319457406	·					
	22.Num	ber of l	ouildings & its o	configuration				
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	3		G+15	45.8m				
23.Number tenants an	c of d shops 541							
24.Number expected re users	esidents / 2755							
25.Tenant per hectar	density 250							
26.Height building(s)	of the							
27.Right of (Width of t from the n station to t proposed b	f way he road earest fire 9m the uilding(s)							

28.Turning for easy ac fire tender movement around the excluding t for the plan	y radius cess of from all building the width ntation	15m							
29.Existing structure (J s) if any	no							
30.Details of the demolition with disposal (If applicable)									
31.Production Details									
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not apj	plicable	Not app	plicable	Not applicable	Not applicable			
		3	2.Tota	l Water	r Requiremen	t			
		Source of	water	CIDCO					
		Fresh water (CMD):		243KLD					
		Recycled v Flushing (vater - CMD):	122 KLD					
		Recycled water - Gardening (CMD):		10 KLD					
		Swimming make up (pool Cum):	Not Applicable					
Dry season	1:	Total Water Requirement (CMD) :		365 KLD					
		Fire fighting - Underground water tank(CMD):		150 cubic m	neter				
		Fire fighting - Overhead water tank(CMD):		25 cubic meter					
		Excess trea	ated water	160 KLD					
		Source of	water	CIDCO					
		Fresh wate	er (CMD):	243KLD					
		Recycled v Flushing (vater - CMD):	122 KLD					
		Recycled w Gardening	vater - (CMD):	00					
		Swimming make up (pool Cum):	Not Applicable					
Wet seasor	n:	Total Wate Requireme :	er ent (CMD)	355 KLD					
	SY	Fire fightin Undergrou tank(CMD	ng - ınd water):	150 cubic meter					
		Fire fightin Overhead tank(CMD	ng - water):	25 cubic meter					
		Excess trea	ated water	170 KLD					
Details of 9 pool (If any	Swimming y)	NA							
		3	3.Detail	s of Tota	l water consume	d			
Particula rs	Cons	sumption (C	CMD)	1	Loss (CMD)	Effluent (CMD)			

Here A. Paril) Member Secretary SEAC (MMR)			Johny Joseph
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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	e Ground e:	plan will be	provided							
		Size and no of RWH tank(s) and Quantity:		plan will be provided								
		Location of the RWH tank(s):		plan will be	provided							
34.Rain Harvestin	Water ng	Quantity of pits:	f recharge	plan will be	provided							
(RWH)		Size of rec	harge pits	plan will be	provided							
		Budgetary (Capital co	allocation st) :	plan will be	provided		C					
		Budgetary (O & M cos	allocation st) :	plan will be	provided							
		Details of the second s	UGT tanks	10 nos								
		-										
		Natural wa drainage p	iter attern:	-								
drainage	water	Quantity of water:	f storm	proper stro	m water plar	n will be prov	vided					
		Size of SW	D:	proper stro	m water plar	n will be prov	vided					
		Sewage ge in KLD:	neration	292.14KLD								
		STP techno	ology:	MBBR	IBBR							
Sowara	and	Capacity of (CMD):	f STP	300 KLD								
Waste w	ater	Location & the STP:	area of	Ground, area- 350 sq.m								
		Budgetary (Capital co	allocation st):	40 lakh								
		Budgetary (O & M cos	allocation st):	7 lakh								
		3	<u> 86.Soli</u>	d waste	e Mana	gemen	t					
Waste gen	eration in	Waste gen	eration:	includes pr	econstruction	n debris and	excavated n	naterial				
the Pre Co and Const phase:	nstruction ruction	Disposal of construction debris:	f the on waste	Waste inclu used for lev authorized	des debris m eling if suita contractor.	naterials (rul ble and othe	oble & soil). er waste will	Part of the so be disposed	oil will be off with			
		Dry waste:		514 kg/day								
		Wet waste:		811.5 kg/da	ny							
Wasto go	neration	Hazardous	waste:	NA								
in the op Phase:	eration	Biomedica applicable	l waste (If):	NA								
		STP Sludge sludge):	e (Dry	14.6 kg/day	r							
		Others if a	ny:	NA								

		Dry waste:		Dry waste will be handed over to â??Authorized recycler						recycler	
		Wet waste			Wet waste will be processed in the OWC and manure will use for gardening purpose						
Mode of	Disposal	Hazardous waste:		NA							
of waste:		Biomedical waste (If applicable):		te (If	NA						
		STP Sludge (Dry sludge):		7	manure will be used for gardening whereas other will be given to authorized agencies						
		Others if a	ny:		NA						
Location(s):		Ground						
Area requirement:		Area for the stora of waste & other material:		r age	120 sq m						
		Area for m	achin	ery:	30 sq m.						
Budgetary	allocation	Capital co	st:		3000000						
(Capital cost and O&M cost):		O & M cos	t:		600000						
37.Effluent Charecterestics											
Serial Number	Parameters U		nit	Inlet E Charect	ffluer eresti	it cs	Outlet Charect	Efflue: eresti	nt cs	Effluent discharge standards (MPCB)	
1	Not ap	plicable	N appli	ot cable	Not apj	plicabl	е	Not apj	plicabl	е	Not applicable
Amount of e (CMD):	effluent gene	eration	Not a	pplica	ble				9		
Capacity of the ETP: Not applica					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						
Membershi	p of CETP (if	f require):	Not a	pplica	ble						
Note on ET	P technology	to be used	Not a	ot applicable							
Disposal of	the ETP sluc	lge	Not a	pplica	licable						
			3	8.Ha	zardous	Was	te D	etails			
Serial Number	Descr	iption	Ca	at	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1	Not apj	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable
			3	89.St	acks em	issio	n De	etails			
Serial Number	Section	& units	Fı	iel Us Quai	ed with ntity	Stacl	« No.	Height from ground level (m)	Inte diam (n	rnal leter n)	Temp. of Exhaust Gases
1	Not apj	plicable	N	lot app	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable
			4	D.De	tails of F	uel	to be	e used			
Serial Number	Тур	e of Fuel			Existing			Proposed			Total
1	Not	applicable		Ν	Not applicabl	е	N	Not applicabl	е		Not applicable
41.Source of Fuel Not a					applicable						
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable						



		Total RG	area :	2033.20 sq.m.							
		No of tree :	es to be cut	NA							
43.Gree	n Belt	Number of be plante	of trees to d :	173							
Develop	ment	List of pro native tre	oposed es :	Mimusops indica , Ant	Mimusops elengi , Pongamia pinnata , Azadiracta indica Magnifera indica , Anthocephalus cadamba						
		Timeline completic plantation	for on of 1 :	one year fr	om the grant of	EC					
	44.Nu	mber an	d list of	trees spe	rees species to be planted in the ground						
Serial Number	Name of	the plant	Comm	on Name	Quantit	ty Ch	aracteristics & ecological importance				
1	Mimusoj	ps elengi	В	akul	25	Sha	dy tree, small white fragrant flowers				
2	Pongami	a pinnata	Ka	iranj	20		Shady tree.				
3	Azadirac	ta indica	N	eem	20	La	rge tree, good for roadside plantation				
4	Magnife	ra indica	M	ango	20	Fruit	t bearing tree, Bird attracting				
5	Anthoc cada	ephalus Imba	Ка	dam	25	Sh	ady, large tree, ball shaped flowers				
45	.Total qua	ntity of pla	nts on grou	ınd							
46.Num	ber and	list of s	hrubs ar	nd bushes	<u>s species to</u>	be plante	d in the podium RG:				
Serial Number		Name		C/C Dista	ince		Area m2				
1											
47.Energy											
		Source of supply :	power	MSEDCL							
		During Co Phase: (D Load)	During Construction Phase: (Demand Load)								
		DG set as back-up d construct	Power luring ion phase	er g 150 KVA phase							
_		During O phase (Co load):	peration onnected	1619.8 kW	1619.8 kW						
Pov require	ver ement:	During O phase (Do load):	Operation Demand 971.9 kW		kW						
		Transform	ner:								
		DG set as Power back-up during operation phase:		150 KVA X 2 Nos							
		Fuel used	•	Diesel							
	9.	Details of tension li through t any:	high ne passing he plot if								
		48.En	ergy sav	ing by no	n-conventi	onal metho	od:				
		4	9.Detail	calculati	ons & % of	saving:					
Serial Number	E	nergy Con	servation M	leasures		S	aving %				
1		stand a	lone solar lig	ihts			100				
	50.Details of pollution control Systems										
Source	Ex	isting poll	ution contr	ol system		Proposed	to be installed				
Member SEAC (Jatol Secretary			J Johny Joseph							
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Not applicable		No	Not applicable						Not applicable			
Budgetary	y allocation Capital cost: 24 lak			24 lakh	L							
O&M	cost and cost):	0 & M co	st:	3.5 lakl	h							
51.Environmental Management plan Budgetary Allocation												
a) Construction phase (with Break-up):												
Serial Number	Attri	butes	Parar	neter		Total (Cost p	oer annu	m (Rs. In I	.acs)		
1	Site S	Safety	Barricadii Suppres	ng & Du sion etc	st			3				
2	Enviroi Moni	nmental toring	Air, Nois Biolo	e, Water gical	.,			3				
3	Sanitary F Waste Manage	Facility and Water ment etc	-	-				3				
	b) Operation Phase (with Break-up):											
Serial Number	Comp	onent	Descr	iption	Сар	ital cost Rs Lacs	. In	Opera C	tional and ost (Rs. in	Maintenance Lacs/yr)		
1	Enviro Moni	nmental toring	Air, Nois Biologi	e, Water cal etc.	, Water,				3			
2	Rain Water Sys	r Harvesting stem	g Overhea recharge	ad tank, pits etc	d tank, 10 10				0.75	I.		
3	Solid Manag	Waste gement	-			10			4			
4	Gree Develo	n Belt opment	plant	ation					3			
5	Cost for Dand red	MP (capital curring)	-	-		30		5				
51.S	torage	of ch	emicals	(infl sub	amab stanc	le/expl es)	osiv	/e/haz	zardou	s/toxic		
Descri	ption	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Cons / M	umption onth in MT	Source of Supply	Means of transportation		
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable		
			52.A	ny Ot	her Inf	ormation	1					
No Informa	tion Availab	le	FOI	T £C*	- 34							
			53.	i raffi	c Mana	gement						
		Nos. of the ma design of confluen	ne junction ain road & ce:	separat	te exit and	entry will be	e provi	ided				

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	Number and area of	
	Dasement:	
	Number and area of podia:	NA
	Total Parking area:	
	Area per car:	
	Area per car:	
Parking details:	Number of 2- Wheelers as approved by competent authority:	546
	Number of 4- Wheelers as approved by competent authority:	-
	Public Transport:	-
	Width of all Internal roads (m):	9m to 15m
	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	8 a
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	Brief informa	tion of the project by SEAC

PP, Mr. Vijay Lahane Chief Officer, Konkan Housing and Area Development Board, MHADA & Shri. B S Walekar, EE, were present during the meeting along with environmental consultant M/s Fine Envirotech Engineers.

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 52nd 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 the proposal is for EWS Mass Housing Scheme with total BUA (FSI-21795.56 Sq.mt + Non FSI-1368.62 sq.mt) 23164.18 sq.mt. It is noted that in Consolidated Statement it was mentioned as Non FSI area-3451.15 sq.m, FSI area- 21629.60sq.m and Total Built up Area 25080.75 sq.mt respectively. Committee noted that the project under 8a (B2) category of EIA Notification, 2006. Compliance, Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC

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

Specific Conditions by SEAC:

Committee noted that there are drastic changes in area statement; therefore PP to Upload corrected Area statement.
PP to upload layout plan submitted to local body as per revised area statement with acknowledgement receipt.
PP to upload all layout plans on MPCB website for Green belt, Sewerage, Strom water drains, Parking, Fire tender movement.

4) PP to upload detail calculations for RG area, Parking area, Sewerage design, Strom water drainage.

(OF. 8. N. Patil) Member Secretary SEAC (MMR)			J Johny Joseph
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FINAL RECOMMENDATION

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



forh

SEAC Meeting number: 54 Meeting Date July 4, 2017

Subject: Environment Clearance for Proposed ESW Mass housing Scheme S. No. 86,95,133 Shirdhon, Taluka Kalyan (Phase I)

General I	nformatio	n:							
1.Name of P	roject		Proposed ESW Mass housing Scheme S. No. 86,95,133 Shirdhon, Taluka Kalyan (Phase I)						
2.Type of ins	titution		Government						
3.Name of P	roject Propon	ient	Shri. Pradip S	Sahadeo Savant					
4.Name of Co	onsultant		Fine Envirotech Engineers						
5.Type of project			Housing Project						
6.New project/expansion in existing project/modernization/diversification in existing project			New Project						
7.If expansio whether envi has been obt project	n/diversificat ironmental cl ained for exis	tion, learance sting	Not applicabl	Not applicable					
8.Location of	f the project		Survey No. 8	6,95,133					
9.Taluka			Kalyan						
10.Village			Shirdhon						
11.Area of th	ne project		Other area						
12 100/104/		1	Application h	as been made					
Approval Nu	Concession/P. mber	lan	IOD/IOA/Con	ncession/Plan A	pproval Number:	Application has been made			
II .			Approved Built-up Area: 98166.16						
13.Note on the initiated work (If applicable)			Not Applicab	le		0			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)									
15.Total Plot Area (sq. m.)			393600						
16.Deductions			104151.18						
17.Net Plot area			289448.82						
40.7		(707.0	a) FSI area (sq. m.): 98166.16						
18.Proposed Non-FSI)	Built-up Area	a (FSI &	b) Non FSI a	area (sq. m.): 30	807.69				
			c) Total BUA area (sq. m.): 128973.85						
19.Total grou	und coverage	e (m2)	18109.97						
20.Ground-c (Note: Perce to sky)	overage Percenter ntage of plot	entage (%) not open	6.26						
21.Estimated	l cost of the p	project	15346422000						
	22	2.Num	ber of b	ouilding	s & its co	nfiguration			
Serial number	Building	g Name & 1	number	Numl	per of floors	Height of the building	(Mtrs)		
1		29	*		G+7	24			
23.Number	r of	29							
24.Number expected re	c of esidents /	2755							
users									
25.Tenant per hectare	density e	95							
26.Height of the building(s)									
27.Right of (Width of t from the no station to t proposed b	f way he road earest fire he uilding(s)	18 m							

28.Turning for easy ac fire tender movement around the excluding t for the plan	radius cess of from all building the width ntation	9 m								
29.Existing structure (s) if any										
30.Details of the demolition with disposal (If applicable)		Solid waste generation during construction phase is debris materials (rubble & soil). Part of the soil will be used for leveling if suitable and other waste will be disposed off with authorized contractor as per rules and debris management.								
			31. P	roduction Details						
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not apj	plicable	Not app	olicable	Not applicable	Not applicable				
			<u> 82.Tota</u>	<u>l Water</u>	<u> Requiremen</u>	t				
		Source of	water	CIDCO						
		Fresh water (CMD):		1239.75						
		Recycled w Flushing (vater - CMD):	619.88						
		Recycled water - Gardening (CMD):		160.13						
		Swimming pool make up (Cum):		00						
Dry season	:	Total Water Requirement (CMD) :		2020						
		Fire fighting - Underground water tank(CMD):		150						
		Fire fighting - Overhead water tank(CMD):		25						
		Excess treated water		558.3						
		Source of water		CIDCO						
		Fresh wate	er (CMD):	1239.75						
		Recycled w Flushing (vater - CMD):	619.88						
		Recycled w Gardening	vater - (CMD):	00						
		Swimming make up (pool Cum):	00						
Wet seasor	1:	Total Wate Requireme :	er ent (CMD)	1400.12						
	SY	Fire fightin Undergrou tank(CMD)	ng - Ind water):	150						
		Fire fightin Overhead tank(CMD)	ng - water):	25						
		Excess trea	ated water	718						
Details of 9 pool (If any	Swimming y)	NA								
		3	3.Detail	s of Total	water consume	d				
				Loss (CMD) Effluent (CMD)						

Members Secretary			Johny Joseph
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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 the Ground water table:				Plan Will Be Provided								
		Size and no tank(s) and Quantity:	o of RWH d	Plan Will Be Provided								
		Location of tank(s):	f the RWH	Ground								
34.Rain V Harvestin	Water ng	Quantity of pits:	f recharge	Plan Will Be	e Provided							
(RWH)	-	Size of rec:	harge pits	Plan Will Be	e Provided							
		Budgetary (Capital co	allocation ost) :	Plan Will Be	e Provided		C					
		Budgetary (O & M cos	allocation st) :	Plan Will Be	e Provided							
		Details of if any :	UGT tanks	Plan Will Be	e Provided							
		Natural water drainage pattern:		Proper strom water plan will be provided								
35.Storm water drainage		Quantity of storm water:		Proper strom water plan will be provided								
		Size of SW	D:									
		Sewage ge in KLD:	neration	1487.7								
		STP techno	ology:	MBBR								
Sowaro	and	Capacity of (CMD):	f STP	1500								
Waste w	vater	Location & the STP:	area of	Location- G	round, Area	- 7350 sq.m.						
		Budgetary (Capital co	allocation st):	180 lakh								
		Budgetary (0 & M cos	allocation st):	15 lakh								
		3	<u> 86.Sol</u> io	d waste	e Mana	gemen	t					
Wasto gon	aration in	Waste gen	eration:	Includes pr	econstructio	n debris and	excavated n	naterial				
the Pre Co and Constr phase:	nstruction ruction	Disposal of construction debris:	f the on waste	Biodegrada gardening. Authorised manure for	ble waste wi The non Bioc agency for re gardening	ll be process degradable v ecycling. The	sed in the OV vaste will be e sludge gen	VC for manu handed over erated will b	re r to e use as			
		Dry waste:		2755 kg/day	У							
		Wet waste		4132.5 kg/d	lay							
Wasta co	noration	Hazardous	waste:	NA								
Water Require ment Domestic 34.Rain V Harvestin (RWH) 35.Storm drainage Sewage a Waste gene the Pre Con and Constr phase: Waste gene the Pre Con and Constr phase:	eration	Biomedica applicable	l waste (If):	NA								
		STP Sludge sludge):	e (Dry	74.385 kg/d	lay							
		Others if a	ny:	NA								

	Dry waste:			Dry waste will be handed over to authorized facility for recyclin					lity for recycling	
	Wet waste	:		Biodegradable waste will be processed in the OWC for manure gardening. The non Biodegradable waste will be handed over to Authorised agency for recycling. The sludge generated will be use as manure for gardening						
Mode of Disposal	Hazardous	waste		NA	-					
of waste:	Biomedical waste applicable):		e (If	NA						
	e (Dry		The sludge generated will be use as manure.							
	Others if a	ny:		NA						
	Location(s):		Ground						
Area requirement:	Area for the stor of waste & other material:		age	120 sq.m.	120 sq.m.					
	Area for m	achine	ery:	120 sq.m.						
Budgetary allocation	Capital cos	st:		3000000						
(Capital cost and O&M cost):	O & M cos	t:		600000						
		3	7.Ef	fluent Cl	nare	cter	estics			
Serial Number Paran	neters	Un	it	Inlet E Charect	ffluen eresti	it .cs	Outlet I Charect	Efflue eresti	nt ics	Effluent discharge standards (MPCB)
1 Not app	applicable Not applica		ot cable	Not applicable		е	Not applicable		e	Not applicable
Amount of effluent generation Not appl			pplica	ble						
Capacity of the ETP: Not applica			pplica	ble						
Amount of treated effluent Not applic			pplica	ble						
Amount of water send to	o the CETP:	Not ap	pplica	ble						
Membership of CETP (if	require):	Not ap	pplica	ble						
Note on ETP technology	to be used	Not ap	Not applicable							
Disposal of the ETP slud	lge	Not ap	ot applicable							
		38	<u>з.на</u>	zardous	Was	ste D	etails			
Serial Number Descr	iption	Ca	it	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1 Not app	olicable	No applic	ot cable	Not applicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable
		3	9.St	acks em	issio	n De	etails			
Serial Number Section	& units	Fu	el Us Qua	ed with ntity	Stacl	« No.	Height from ground level (m)	Inte dian (n	rnal ieter n)	Temp. of Exhaust Gases
1 Not app	olicable	N	ot app	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable
5		40).De	tails of F	uel	to be	e used			
Serial Number Typ	e of Fuel			Existing			Proposed			Total
1 Not	applicable		Ν	Not applicabl	е	N	Not applicabl	е		Not applicable
41.Source of Fuel			Not a	pplicable						
42.Mode of Transportati	ion of fuel to	site	Not a	pplicable						

		Total RG area :		32026.96 sq.m.					
		No of trees to be cut :		No	No				
43.Gree	n Belt	Number of be planted	trees to	1300					
Development List of proposed native trees : Timeline for completion of plantation : 44.Number and list of plantation :		List of pro native tree	posed s :	Pongamia p indica	Pongamia pinnata, Mimusops elengi , Azadiracta indica ,Magnifera indica				
		or 1 of :	1 year from grant of EC						
	44.Nu	mber and	l list of t	rees spe	cies to be pla	nted in	the ground		
Serial Number	er Name of the plant Common		n Name	Quantity	aracteristics & ecological importance				
1	Pongami	a pinnata	Kaı	ranj	216		Shady Tree		
2	Mimusoj	ps elengi	Ba	kul	216	La	arge Tree Good for Roadside Plantation		
3	Azadirac	ta indica	Ne	em	216	Med	icinal Important tree, Shady in nature		
4	Magnife	ra indica	Ma	ngo	216	Fru	it Bearing and bird attracting		
5	Cassia	fistula	Bah	lava	216	Beu	edium Sized deciduous tree, ttiful yellow flowers, butterfly host plant		
6	Anthoc cada	ephalus amba	Kac	lam	220	S	hady large tree, ball shaped flowers		
45	.Total quai	ntity of plan	its on grou	nd					
46.Num	iber and	list of sl	irubs an	d bushes	s species to b	e plante	ed in the podium RG:		
Serial Number		Name		C/C Dista	ince		Area m2		
1									
				47.E	nergy				
		Source of supply :	power	MSEDCL					
		During Co Phase: (De Load)	nstruction mand	150 kW 380 kW					
		DG set as l back-up du constructio	Power Iring on phase						
D		During Op phase (Cor load):	uring Operation nase (Connected ad):		774.42 kW				
require	ement:	During Op phase (Der load):	eration nand	387.08 kW					
		Transform	er:						
	SV	DG set as l back-up du operation	Power ıring phase:	380 kVA &120 kVAx4					
		Fuel used:		Diesel					
		Details of I tension lin through th any:	high le passing le plot if	NA					
		48.Ene	ergy savi	ng by no	n-convention	al meth	od:		
150 stand a	lone solar lig	ghts							
		4	9.Detail	calculati	ions & % of s	aving:			
Serial Number	E	nergy Cons	ervation Mo	easures		S	aving %		
1									
5	datel.	-					<i>d</i>		

La Toos
(BF. B. N. Patil)
Member Secretary
SEAC (MMR)
DR. B.N.Patil (Secretary
SEAC-II)

	50.Details of pollution control Systems										
Source	Ex	isting po	llution contro	ol syster	n	Proposed to be installed					
Not applicable		N	ot applicable			Not applicable					
Budgetary	allocation	Capital	cost:	48 lakł	15						
0&M	cost):	0 & M c	ost:	5 lakhs	3						
51.Environmental Management plan Budgetary Allocation											
a) Construction phase (with Break-up):											
Serial Number	Attri	butes	Para	meter		Total (Cost p	er annu	m (Rs. In I	acs)	
1	Site S	Safety	Barricadi Suppres	ng & Du ssion etc	st C			5			
2	Enviro Moni	nmental toring	Air, Nois Biolo	e, Water ogical	r,			4			
3	Sanitary F Waste Manage	acility and Water ment etc	-					3			
			b) Operat	ion P	hase (w	ith Brea	k-up)):			
Serial Number	Comp	1ponent Description			Cap	oital cost Rs Lacs	. In	Opera c	tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Enviro Moni	nmental toring	Air, Nois Biolog	e, Wate ical etc	r,				3		
2	Rain Water Sys	Harvestin tem	lg overhea recharge	id tanks, e pits etc	, C	15			0.75		
3	Solid Manag	Waste Jement	Collect disposal of	ion and solid wa	aste	10 4					
4	Gree Develo	n Belt opment	Plant	ation		15			4		
5	Occupation Safety	al Health Fraining	& supply of s	afety ite es etc	ms,	3					
6	Cost for D and red	MP (capita curring)	l Disaster M	anagem	ent	30 5					
51.S	torage	of ch	emicals	(inf sub	amab	le/explo es)	osiv	e/haz	zardou	s/toxic	
Description Status		Locatio	Location		Maximum Quantity of Storage at any point of time in MT	Consu / Mo I	imption onth in MT	Source of Supply	Means of transportation		
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not ap	oplicable	Not applicable	Not applicable	
			52.A	ny Ot	her Inf	ormation	l				
No Informa	tion Availab	lě									
	5		53.	Traffi	c Mana	gement					
		Nos. of t to the m design o confluer	the junction ain road & f ace:	separa	te exit and	entry will be	e provio	led			

DR. B.N.Patil (Secretary SEAC (MMR) DR. S.L. Control (Secretary SEAC-II)

SEAC Meeting No: 54 Meeting Date: July 4, 2017

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	Number and area of basement:	NA					
	Number and area of podia:	NA					
	Total Parking area:	NA					
	Area per car:	NA					
	Area per car:	NA					
Parking details:	Number of 2- Wheelers as approved by competent authority:	2800					
	Number of 4- Wheelers as approved by competent authority:	00					
	Public Transport:	00					
	Width of all Internal roads (m):	15 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	NA					
	Court cases pending if any	NA					
	Other Relevant Informations	NA					
	Have you previously submitted Application online on MOEF Website.	No					
	Date of online submission	-					
	Brief informa	tion of the project by SEAC					
PP, Mr. Vijay Lahane Cl were present during the	PP, Mr. Vijay Lahane Chief Officer, Konkan Housing and Area Development Board, MHADA & Shri. B S Walekar, EE, were present during the meeting along with environmental consultant M/s Fine Envirotech Engineers.						

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 52nd 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 the proposal is for EWS Mass Housing Scheme with total BUA (FSI- 139096.52Sq.mt + Non FSI- 7625.14 sq.mt) 146721.66 sq.mt. It is noted that in Consolidated Statement it was mentioned as Non FSI area- 30807.69sq.m, FSI area- 98166.16 sq.m and Total Built up Area 128973.85 sq.mt respectively. Committee noted that the project under 8a (B2) category of EIA Notification, 2006. Compliance, Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC



SEAC Meeting No: 54 Meeting Date: July 4,
2017

Johny Joseph

Page 15 Shri. Johny Joseph of 89 (Chairman SEAC-II) After deliberation, Committee decided to recommend the proposal for Environmental Clearance to SEIAA, subject to compliance of following points.

Specific Conditions by SEAC:

 Committee noted that there are drastic changes in area statement; therefore PP to Upload corrected Area statement.
It is noted that, there are 12,000 tenants proposed in the first phase. Therefore, it is recommended that community hall, school, nursing home and convenient shopping etc should be provided. Accordingly PP to submit & upload undertaking to provide requisite amenity space and to develop the said amenities.

3) PP to upload layout plan submitted to local body as per revised area statement with acknowledgement receipt.4) PP to upload all layout plans on MPCB website for Green belt, Sewerage, Storm water drains, Parking, Fire tender movement.

5) PP to upload detail calculations for RG area, Parking area, Sewerage design, Storm water drainage.

FINAL RECOMMENDATION

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



SEAC Meeting number: 54 Meeting Date July 4, 2017

Subject: Environment Clearance for EWS Mass Housing Scheme at S. No. 157/1, Gotheghar, Tal-Thane, Maharashtra (Phase I)

General Informat	ion:							
1.Name of Project		Proposed EWS Mass Housing Scheme at S. No. 157/1, Gotheghar, Tal-The (Phase I)						
2.Type of institution		Government						
3.Name of Project Prop	onent	Kokan Housing and Area Development Board (MHADA)						
4.Name of Consultant		Fine Envirote	ech Engineers					
5.Type of project		Housing proj	ect					
6.New project/expansio project/modernization/ in existing project	n in existing diversification	Not applicable						
7.If expansion/diversifi whether environmental has been obtained for e project	cation, clearance existing	Not applicabl	Not applicable					
8.Location of the proje	ct	S. No. 157/1						
9.Taluka		Thane						
10.Village		Gotheghar						
11.Area of the project		other area						
		Not received	yet					
12.IOD/IOA/Concession	/Plan	IOD/IOA/Co	ncession/Plan Ap	proval Number: N	lot received yet			
Approval Number		Approved B	uilt-up Area: 693	18.72				
13.Note on the initiated applicable)	d work (If	Not applicabl	le					
14.LOI / NOC / IOD from Other approvals (If app	n MHADA/ licable)	-						
15.Total Plot Area (sq.	m.)	73325 sq. m.						
16.Deductions		13931 sq.m.						
17.Net Plot area		59393 sq.m.						
		a) FSI area (sq. m.): 69318.71 sq. q						
18.Proposed Built-up A	rea (FSI &	b) Non FSI area (sq. m.): 10365.45 sq. m.						
Noll-F 51)		c) Total BUA area (sq. m.): 79684.17 sq. m.						
19.Total ground covera	ge (m2)	6101.37 sq. m.						
20.Ground-coverage Pe (Note: Percentage of pl to sky)	rcentage (%) ot not open	8.32						
21.Estimated cost of th	e project	1696300550						
r	$\frac{1}{2}$ Num	per of l	huilding	& its cor	figuration			
Carriel 4	22.1 U III		Junungs					
number Build	ing Name & I	number	Numb	er of floors	Height of the building (Mtrs)			
1	9		0	6 + 15	45.8			
23.Number of tenants and shops	1719 tenan	ts and 24 sho	ops					
24.Number of expected residents / users	8595							
25.Tenant density per hectare	240	240						
26.Height of the building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s	e 9m							

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28.Turning for easy ac fire tender movement around the excluding t for the plan	radius cess of from all building the width ntation	13 m								
29.Existing structure (J s) if any	NA								
30.Details demolition disposal (I applicable)	of the with f	NA								
			31. P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
1	Not apj	olicable	Not app	plicable	Not applicable	Not applicable				
		3	2.Tota	l Water	r Requiremen	t				
		Source of	water	MIDC						
		Fresh wate	er (CMD):	774.51 KLD						
		Recycled v Flushing (vater - CMD):	388 KLD						
		Recycled v Gardening	vater - (CMD):	35 KLD						
		Swimming make up (pool Cum):	Not applical	ole					
Dry season	:	Total Water Requirement (CMD) :		1196.94 KLD						
		Fire fighting - Underground water tank(CMD):		150 cubic meter						
		Fire fighting - Overhead water tank(CMD):		25 cubic meter						
		Excess trea	ated water	507						
		Source of	water	MIDC						
		Fresh wate	er (CMD):	774.51 KLD						
		Recycled v Flushing (vater - CMD):	388 KLD						
		Recycled v Gardening	vater - (CMD):	00						
		Swimming make up (pool Cum):	Not applicable						
Wet seasor	1:	Total Wate Requireme :	er ent (CMD)	1162.48 KLD						
	5	Fire fightin Undergrou tank(CMD	ng - Ind water):	150 cubic meter						
		Fire fightin Overhead tank(CMD	ng - water):	25 cubic me	ter					
		Excess treated	ated water	542						
Details of 9 pool (If any	Swimming y)	NA								
		3	3.Detail	s of Tota	l water consume	d				
Particula rs	Cons	sumption (C	CMD)	I	Loss (CMD)	Effluent (CMD)				

Antel Member N. Patil) Member Secretary			Junit Johny Joseph
DR. B.N.Patil (Secretary	SEAC Meeting No: 54 Meeting Date: July 4,	Page 18	Shri. Johny Joseph
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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	e Ground e:	plan will be provided								
Water Require mentExistingDomesticNot applicable34. RainWater Harvesting34. RainWater Water Water Harvesting35. Storm drainagewater water35. Storm drainagewater waterWaste generation phase:water water	Size and no of RWH tank(s) and Quantity:		plan will be	provided								
		Location o tank(s):	f the RWH	Ground								
34.Rain V Harvestin	Water ng	Quantity o pits:	f recharge	plan will be	provided							
(RWH)	-	Size of rec :	harge pits	plan will be	provided							
		Budgetary (Capital co	allocation st) :	plan will be	provided		C					
		Budgetary (O & M cos	allocation st) :	plan will be	provided							
		Details of if any :	UGT tanks	plan will be	provided							
	_	Natural wa drainage p	iter attern:	proper strom water plan will be provided								
35.Storm water drainage		Quantity of storm water:		proper strom water plan will be provided								
		Size of SW	D:									
		Sewage ge in KLD:	neration	930								
		STP techno	ology:	MBBR	•							
Sowaro	and	Capacity o (CMD):	f STP	1 STP of 95	0 KLD capac	ity						
Waste w	ater	Location & the STP:	area of	Location- G	round, area-	1000 sq. m.						
		Budgetary (Capital co	allocation st):	120 lakh								
		Budgetary (O & M cos	allocation st):	10 lakh								
		3	86.Solie	d waste	e Mana	gemen	t					
Waste gen	eration in	Waste gen	eration:	includes preconstruction debris and excavated material								
the Pre Co and Constr phase:	nstruction ruction	Disposal o construction debris:	f the on waste	Waste includes debris materials (rubble & soil). Part of the soil will be used for leveling if suitable and other waste will be disposed off with authorized contractor as per rules and debris management.								
	2	Dry waste:		1728.6 kg/c caps of min	lay, Recyclab eral water be	ole: Paper, b ottles etc	ottles, glass,	note books,	safety pins,			
		Wet waste		2583.3 kg/day, Organic: Tea Leaves, Eggshells, Old Food and Vegetables peels.								
Waste ge	neration	Hazardous	waste:	NA								
Phase:		Biomedica applicable	l waste (If):	NA								
		STP Sludg sludge):	e (Dry	47 kg/day								
		Others if a	ny:	NA								

	Dry waste:				Dry waste will be handed over to authorized facility for recycling						ity for recycling	
		Wet waste	•		wet waste will be process in the Mechanical Composter and manure will be used for gardening							
Mode of I	Dienocal	Hazardous	Hazardous waste:		NA							
of waste:		Biomedical waste (If applicable):		e (If	NA							
STP		STP Sludg sludge):	STP Sludge (Dry sludge):		The sludge generated will be use as manure.							
Others if an		ny:		NA								
Location(s):		Ground								
Area requirement: Area of w		Area for the storage of waste & other material:		age	120 sq m							
		Area for m	achine	ery:	50 sq.m							
Budgetary	allocation Capital cost:		st:		3000000							
O&M cost)	st and	O & M cos	t:	600000								
			3'	7.Ef	fluent Cl	hare	cter	estics				
Serial Number	Parameters		Un	lit	Inlet E Charect	ffluen eresti	it cs	Outlet Charect	Efflue: eresti	nt cs	Effluent discharge standards (MPCB)	
1	Not applicable		No applio	ot cable	Not apj	plicabl	е	Not applicable			Not applicable	
Amount of effluent generation (CMD):		Not aj	pplica	ble				9				
Capacity of the ETP: Not		Not aj	pplica	ble								
Amount of treated effluent No		Not aj	pplica	ble								
Amount of v	Amount of water send to the CETP: Not		Not a	pplica	ble							
Membershi	o of CETP (if	f require):	Not aj	pplica	ble							
Note on ET	P technology	v to be used	Not aj	Not applicable								
Disposal of	the ETP sluc	lge	Not aj	applicable								
			38	<u>B.Ha</u>	zardous	Was	te D	etails				
Serial Number	Descr	iption	Ca	nt	UOM	Exis	ting	Proposed	To	tal	Method of Disposal	
1	Not apj	plicable	No applic	ot cable	Not applicable	N appli	ot cable	Not applicable	No applio	ot cable	Not applicable	
			3	9.St	acks em	issio	n De	etails				
Serial Number	Section	& units	Fu	iel Us Quai	ed with ntity	Stacl	« No.	Height from ground level (m)	Inte diam (n	rnal leter n)	Temp. of Exhaust Gases	
1	Not apj	plicable	Ν	ot app	plicable	N appli	ot cable	Not applicable	Ne applie	ot cable	Not applicable	
			40).De	tails of F	uel	to be	e used				
Serial Number	Тур	e of Fuel			Existing			Proposed			Total	
1	Not	applicable		N	lot applicabl	е	N	lot applicabl	е		Not applicable	
41.Source o	f Fuel			Not a	applicable							
42.Mode of	Transportat	ion of fuel to	site	Not a	applicable							

		Total RG area :			6891.90 sq.m.					
		No of tree :	s to be cut	no	no					
43.Gree	n Belt	Number o be planted	f trees to l :	916						
Develop	ment	List of pro native tree	posed es :	Pongamia pinnata, Mimusops elengi , Azadiracta indica ,Magnifera indica						
Timeline for completion of plantation :		for n of l :	1 year from	1 year from grant of EC						
	44.Nu	nber an	d list of t	rees species to be planted in the ground						
Serial Number	Name of	the plant	Commo	on Name	Name Quantity		Cha	aracteristics & ecological importance		
1	Pongamia pinnata		Karanj		20	20		Shady tree.		
2	Mimusoj	ps elengi	Ne	em	20	0	La	rge tree, good for roadside		
3	Magnife	ra indica	Ma	ngo	30	0	Fruit	bearing tree, Bird attracting		
4	Cassia	fistula	Bh	ava	50	0	Me Beau	edium sized deciduous tree. tiful yellow flowers, Butterfly host plant		
5	Anthoc cada	ephalus Imba	Ka	dam	20	0	Sh	ady, large tree, ball shaped flowers		
4 5	5.Total quantity of plants on grou		nd							
46.Num	iber and list of shrubs ar			d bushes	species	to be	e plante	d in the podium RG:		
Serial Number	Name		C/C Distar	ice		9	Area m2			
1										
47.Energy										
	Source of power supply :			MSEDCL						
	During Construction Phase: (Demand Load) DG set as Power back-up during construction phase		150 kW							
			380 kv							
		During Op phase (Co load):	peration nnected	5146.3 kW						
Pov require	ver ement:	During Or phase (De load):	eration mand	3087.8 kW						
		Transform	ner:							
		DG set as back-up d	Power uring phase:	2 DG sets of 120 kva capacity						
		Fuel used		Diesel						
	9	Details of tension lin through thany:	high 1e passing 1e plot if	NA						
		48.En	ergy savi	ng by nor	-conven	tiona	al metho	od:		
100 stand a	lone solar lig	ghts	00	J - J - D -						
		4	9.Detail	calculatio	ons & %	of sa	ving:			
Serial Number	E	nergy Cons	ervation M	easures			Sa	aving %		
1	1									
		50	.Details	of polluti	on contr	rol Sy	/stems			
Source	Ex	isting pollu	ition contro	ol system			Proposed	to be installed		
DR. B.N.Patil (Secretary SEAC-(III) SEAC-III)			No: 54 Meeting Date: July 4, 2017 Page 21 of 89 Chairman SEAC-II)				Johny Joseph Shri. Johny Joseph (Chairman SEAC-II)			

Not applicable		No	t applicable			Not applicable					
Budgetary	allocation	Capital co	ost:	30 lakh							
O&M	cost and cost):	0 & M co	st:	3 Lakh							
51	.Envire	onmen	tal Mar	lagei	nent j	plan Bı	udg	etary	Alloca	ation	
		a)	Construc	ction p	ohase (v	with Bre	<u>ak-u</u>	p):			
Serial Number	Attri	butes	Parameter			Total Cost per annum (Rs. In Lacs)					
1	Site S	Safety	Barricadii Suppres	ng & Dus sion etc	bust 4						
2	Enviror Moni	nmental toring	Air, Nois Biologi	e, Water cal etc	,			4			
3	Sanitary F Waste Manag	Facility and Water gement	-	-				3			
b) Operation Phase (with Break-up):											
Serial Number	Component Descr		iption	Сар	ital cost Rs Lacs	. In	Opera C	tional and ost (Rs. in	Maintenance Lacs/yr)		
1	Enviror Moni	nmental toring	Air, Nois Biologi	e, Water cal etc	,		-		3		
2	Rain Water Sys	Harvesting tem	overhea recharge	d tanks, e pits etc		12			0.75		
3	Solid Manag	Waste gement	Collection and disposal of solid was		ste	10		4			
4	Gree Develo	n Belt opment	Plantation			12			4		
5	Occupation Safety 7	al Health & Training	supply of sa sinage	afety iter es etc	ns,	-		3			
6	Cost for Di and rec	MP (capital curring)	Disaster m	anageme	ent	30		5			
51.S	torage	of che	emicals	(infl sub	amab stance	le/expl es)	osiv	/e/haz	zardou	s/toxic	
Descri	ption	Status	Location	Location		Maximum Quantity of Storage at any point of time in MT	Const / Mo	umption onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not aj	pplicable	Not applicable	Not applicable	
			52.A	ny Otl	her Info	ormation	1				
No Informa	tion Availabl	le									
			53.	I 'raffi	c Mana	gement					
	Nos. of the junction to the main road & design of confluence:					entry will be	e provi	ded			



	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
Parking details:	Number of 2- Wheelers as approved by competent authority:	1729
	Number of 4- Wheelers as approved by competent authority:	00
	Public Transport:	00
	Width of all Internal roads (m):	15 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	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	<u>Brief informa</u>	tion of the project by SEAC

PP, Mr. Vijay Lahane Chief Officer, Konkan Housing and Area Development Board, MHADA & Shri. B S Walekar, EE, were present during the meeting along with environmental consultant M/s Fine Envirotech Engineers.

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 52^{nd} 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 the proposal is for EWS Mass Housing Scheme with total BUA (FSI-1,07,452.80Sq.mt + Non FSI-6102.60 sq.mt) 113555.40 sq.mt. It is noted that in Consolidated Statement it was mentioned as Non FSI area-10365.45 sq.m, FSI area- 69318.71 sq.m and Total Built up Area 79,684.16 sq.mt respectively. Committee noted that the project under 8a (B2) category of EIA Notification, 2006. Compliance, Consolidated statements, form 1, 1A, presentation & plans submitted are taken on the record.

DECISION OF SEAC

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

Specific Conditions by SEAC:

Committee noted that there are drastic changes in area statement; therefore PP to Upload corrected Area statement.
PP to upload layout plan submitted to local body as per revised area statement with acknowledgement receipt
PP to upload all layout plans on ECMPCB website for Green belt, Sewerage, Storm water drains, Parking, Fire tender movement.
PP to upload datail calculations for PC area. Parking area Severage design. Strem water drains area

4) PP to upload detail calculations for RG area, Parking area, Sewerage design, Strom water drainage.5) PP to submit & upload undertaking to provide requisite amenity space and to develop the said amenities.

DR. B.N.Patil (Secretary SEAC (MMR) DR. J. Patil (Secretary SFAC-II)	SEAC Meeting No: 54 Meeting Date: July 4, 2017	Page 23	Johny Joseph Shri. Johny Joseph (Chairman SFAC-II)
SEAC-II)	2017	of 89	(Chairman SEAC-II)

FINAL RECOMMENDATION

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

SHACHERNAM



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SEAC Meeting number: 54 **Meeting Date** July 4, 2017

	01110	i iceting i	amberr er i reeting bate j	ally 1) 10 1 /						
Subject: En	Environment Clearance for EWS Mass Housing Scheme at S.No. 13 Bhandarli,Tal-Thane (Phase –I)									
General I	nformation:									
1.Name of Pr	roject	EWS Mass H	lousing Scheme at S.No. 13 Bhandarli	Tal-Thane (Phase –I)						
2.Type of ins	titution	Government								
3.Name of Pr	roject Proponent	Kokan Housi	ng and Area Development Board (MH	ADA)						
4.Name of Co	onsultant	Fine Envirot	ech Engineers							
5.Type of pro	oject	Housing proj	ject							
6.New project project/mode in existing pr	t/expansion in existing ernization/diversification roject	Not applicab	Not applicable							
7.If expansio whether envi has been obt project	n/diversification, ronmental clearance ained for existing	Not applicab	le							
8.Location of	f the project	S.No. 13 Bha	S.No. 13 Bhandarli,Tal-Thane							
9.Taluka		Thane								
10.Village		Bhandarli								
11.Area of th	e project	other area								
12 100/104/		Not received	yet							
Approval Nu	mber	IOD/IOA/Concession/Plan Approval Number: Not received yet								
		Approved Built-up Area: 81837.5								
13.Note on tl applicable)	he initiated work (If	NA								
14.LOI / NOC Other approv	C / IOD from MHADA/ vals (If applicable)	NA								
15.Total Plot	Area (sq. m.)	32735 sq.m.								
16.Deduction	15	7692.72 sq.n	n.							
17.Net Plot a	irea	25042.28 sq.	.m.							
		a) FSI area	(sq. m.): 69030.72							
Non-FSI)	Duilt-up Area (FSI &	b) Non FSI	area (sq. m.): 10653.45							
		c) Total BU	A area (sq. m.): 79684.17							
19.Total grou	und coverage (m2)	5801.37								
20.Ground-co (Note: Percento sky)	overage Percentage (%) ntage of plot not open	11.16								
21.Estimated	l cost of the project	1596956676								
	22.Num	ber of	buildings & its cor	nfiguration						
Serial number	Building Name &	number	Number of floors	Height of the building (Mtrs)						
1	9 nos		G + 15	46.8						
23.Number tenants and	of d shops tenants; 1	719								
24.Number expected re users	esidents / 8595									
25.Tenant per hectare	density 249									
26.Height of building(s)	of the									
27.Right of (Width of the from the new station to the proposed b	way he road earest fire 9 m he uilding(s)									

28.Turning for easy ac fire tender movement around the excluding t for the plan	radius cess of from all building the width ntation	15m							
29.Existing structure (J s) if any	NA							
30.Details demolition disposal (I applicable)	of the with f	NA							
			31.P	Production Details					
Serial Number	Pro	luct Existing		(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not apj	plicable	Not app	plicable	Not applicable	Not applicable			
		32.Tota		l Wateı	r Requiremen	t			
	Source of water		CIDCO						
		Fresh wate	er (CMD):	773 KLD					
		Recycled w Flushing (vater - CMD):	387 KLD					
Dry season:		Recycled water - Gardening (CMD):		25 KLD					
		Swimming pool make up (Cum):		Not applicable					
		Total Water Requirement (CMD) :		1160 KLD					
		Fire fighting - Underground water tank(CMD):		150 cubic m	leter				
		Fire fighting - Overhead water tank(CMD):		25 cubic meter					
		Excess trea	eated water 516 KLD						
		Source of	water	CIDCO					
		Fresh wate	er (CMD):	773 KLD					
		Recycled water - Flushing (CMD):		387 KLD					
		Recycled w Gardening	vater - (CMD):	00					
		Swimming make up (pool Cum):	Not applicable					
Wet seasor	1:	Total Wate Requireme	er ent (CMD)	1160 KLD					
	5	Fire fightin Undergrou tank(CMD)	ng - Ind water):	150 cubic m	leter				
		Fire fightin Overhead tank(CMD)	ng - water):	25 cubic me	ter				
		Excess trea	ated water	541 KLD					
Details of 9 pool (If any	Swimming y)	Not Applica	ble						
		3	3.Detail	s of Tota	l water consume	d			
Particula rs	Cons	sumption (C	CMD)	1	Loss (CMD)	Effluent (CMD)			

Here A. N. Paril) Member Secretary			J Johny Joseph
DR. B.N.Patil (Secretary	SEAC Meeting No: 54 Meeting Date: July 4,	Page 26	Shri. Johny Joseph
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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	e Ground e:	plan will be	provided						
		Size and no of RWH tank(s) and Quantity:		plan will be provided							
		Location of tank(s):	f the RWH	plan will be provided							
34.Rain Harvestin	34.Rain Water Harvesting		f recharge	plan will be	provided						
(RWH)	5	Size of rec :	harge pits	plan will be	provided						
		Budgetary (Capital co	allocation st) :	plan will be	provided		C				
		Budgetary (O & M cos	allocation st) :	plan will be	provided						
	Details of UGT tanks if any :				plan will be provided						
DE Sterre weter		Natural wa drainage p	iter attern:								
drainage	water	Quantity of water:	f storm	proper stro	m water plar	n will be prov	vided				
	Size of SWD:										
		Sewage ge in KLD:	neration	928 KLD							
		STP techno	ology:	MBBR							
Seware	and	Capacity of (CMD):	f STP	1 STP of 950 KLD capasity							
Waste w	vater	Location & the STP:	area of	location- ground, Area 1000 sq.m							
		Budgetary (Capital co	allocation st):	120 lakh							
		Budgetary (0 & M cos	allocation st):	10 lakh							
		3	86.Soli	d waste	<u>Mana</u>	gemen	t				
Waste gen	eration in	Waste gen	eration:	includes pro	econstruction	n debris and	excavated n	naterial			
the Pre Co and Constr phase:	nstruction ruction	Disposal of construction debris:	f the on waste	Waste includes debris materials (rubble & soil). Part of the soil will be used for leveling if suitable and other waste will be disposed off with authorized contractor as per rules and debris management							
		Dry waste:		1719.0 kg/day							
		Wet waste:		2578.5 kg/d	lay						
Wasto go	noration	Hazardous	waste:	NA							
in the op Phase:	eration	Biomedica applicable	l waste (If):	NA							
		STP Sludge sludge):	e (Dry	47kg/Day ,							
		Others if a	ny:	NA							

	Dry wasto			Dry wasto	Dry waste will be handed over to -Authorized recycler						
		Wet waste		Wet waste	Wet waste will be processed in the OWC for manure gardening						
		Hazardous	waste:	NA		proce		01101	intan	aro garaoning	
Mode of of waste:	Disposal	Biomedica applicable	l waste (If	NA	NA						
		STP Sludge (Dry sludge):		The sludge	The sludge generated will be use as manure						
Others if a		ny:	NA								
	Location(s)):	Ground							
Area requirement:		Area for th of waste & material:	e storage other	120 sq m	120 sq m						
	Area for ma		achinery:	30 sq m.	30 sq m.						
Budgetary	allocation	Capital cos	st:	3000000	3000000						
O&M cost)): 0 & M cost:		t:	600000							
			37.E	ffluent C	hare	cter	estics				
Serial Number	Paran	Parameters Ur		Inlet E Charect	Effluer teresti	nt ics	Outlet Charect	Effluen erestic	t s	Effluent discharge standards (MPCB)	
1	Not applicable Not appl		Not applicable	Not ap	plicabl	e	Not apj	plicable		Not applicable	
Amount of effluent generation Not a			Not applie	cable				5			
Capacity of the ETP: Not		Not applie	able								
Amount of t recycled :	mount of treated effluent Not a		Not applie	cable							
Amount of v	Amount of water send to the CETP: Not		Not applie	cable	6		3				
Membershi	p of CETP (if	f require):	Not applie	able							
Note on ET	P technology	v to be used	Not applie	Not applicable							
Disposal of	the ETP sluc	lge	Not applie	able	lble						
			38. H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	Tota	al	Method of Disposal	
1	Not apj	plicable	Not applicable	Not applicable	N appli	ot cable	Not applicable	Not applica	; able	Not applicable	
			39.5	Stacks em	issio	on De	etails				
Serial Number	Section	& units	Fuel U Qu	J sed with antity	Stac	k No.	Height from ground level (m)	Intern diame (m)	nal eter	Temp. of Exhaust Gases	
1	Not apj	plicable	Not a	pplicable	N appli	ot cable	Not applicable	Not applica	; able	Not applicable	
			40.D	etails of H	Tuel	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	le	N	lot applicabl	е		Not applicable	
41.Source of	of Fuel		Not	applicable	applicable						
42.Mode of	Transportat	ion of fuel to	site Not	applicable							



		Total RG a	rea :	4934.03 sq.m						
		No of trees	s to be cut	NA	NA					
43.Gree	n Belt	Number of be planted	f trees to l :	410 nos						
Develop	ment	List of pro native tree	posed es :	Mimusops el indica , Anth	engi , Pongamia locephalus cadan	pinnata , Azadiracta indica Magnifera nba				
	Timeline for completion of plantation :		one year from	one year from grant of the EC						
	44.Nu	mber and	d list of t	rees spec	rees species to be planted in the ground					
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Pongami	a pinnata	Kai	ranj	20	Shady tree.				
2	Mimusoj	ps elengi	Ba	kul	25	Shady tree, small white fragrant flowers				
3	Azadirac	ta indica	Ne	em	20	Large tree, good for roadside plantation				
4	Magnife	ra indica	Ma	ngo	20	Fruit bearing tree, Bird attractin				
5	Anthoc cada	Anthocephalus cadamba Kada		lam	25	Shady, large tree, ball shaped flowers				
45	.Total qua	ntity of plar	nts on grou	nd						
46.Nun	ber and	list of sl	hrubs an	d bushes	species to l	be planted in the podium RG				
Serial Number		Name		C/C Distar	nce	Area m2				
1										
47.Energy										
	Source of power supply : During Construction Phase: (Demand Load)		MSEDCL							
			150 KVA							
		DG set as i back-up du constructi	Power uring on phase	380 Kva						
D		During Op phase (Con load):	eration nnected	5146.3 kW						
require	ement:	During Op phase (Der load):	eration mand	3087 kW						
		Transform	er:							
		DG set as back-up du operation	Power uring phase:	2 DG sets of 120 Kva						
		Fuel used:		Diesel						
	9.	Details of tension lin through th any:	high 1e passing 1e plot if							
		48.Ene	ergy savi	ng by non	-conventio	nal method:				
			~ ~	~ ~						
		4	9.Detail	calculatio	ons & % of s	saving:				
Serial Number	Е	nergy Cons	ervation M	easures		Saving %				
1		stand alo	one solar ligl	nts		100				
		50	.Details	of polluti	on control S	Systems				
Source	Ex	isting pollu	tion contro	DI system Proposed to be installed						
N N	leto 6	-				3				

(DF. B. N. Patil)
Member Secretary SEAC (MMR)
DR. B.N.Patil (Secretary
SEAC-II)

Not applicable		No	ot applicable			Not applicable							
Budgetary	allocation	Capital c	cost:	24 lakh	l								
O&M	O&M cost):		ost:	3.5 lakh									
51	51.Environmental Management plan Budgetary Allocation												
a) Construction phase (with Break-up):													
Serial Number	Attri	butes	Parar	neter		Total Cost per annum (Rs. In Lacs)							
1	Site S	Safety	Barricadii Suppres	ng & Du sion etc	g & Dust 4								
2	Enviroi Moni	nmental toring	Air, Nois Biolo	e, Water gical	.,			4					
3	Sanitary F Waste Manage	Facility and Water ment etc	-				3						
			b) Operat	ion Pl	hase (w	ith Brea	k-up)):		•			
Serial Number	Comp	onent	Descr	iption	Сар	Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)				
1	Enviroi Moni	Environmental Air, Nois Monitoring Biologi			<u>,</u>			3					
2	Rain Water Sys	r Harvestin stem	g Overhea recharge	ad tank, pits etc		15		0.75					
3	Solid Manag	Waste gement	-	-	10				4				
4	Gree: Develo	n Belt opment	plant	ation	ation 15			4					
5	Occupation Safety	al Health & Training	Ŷ.	-				3					
6	Cost for Di and red	MP (capita curring)	-	-	30								
51.S	torage	of ch	emicals	(infl sub	amab stanc	le/explo es)	osiv	e/haz	zardou	s/toxic			
Description S		Status	Location	Location		Maximum Quantity of Storage at any point of time in MT	Consumptic / Month in MT		Source of Supply	Means of transportation			
Not applicable Not applicable			Not applica	able	Not applicable	Not Not applicable Not a			Not applicable	Not applicable			
			52. A	ny Ot	her Info	ormation	1						
No Informa	tion Availab	le											
			53.	Fraffi	c Mana	gement							
	Nos. of the junction to the main road & design of confluence:												



	Number and area of basement:	
	Number and area of podia:	NA
	Total Parking area:	
	Area per car:	
	Area per car:	
Parking details:	Number of 2- Wheelers as approved by competent authority:	1729
	Number of 4- Wheelers as approved by competent authority:	NA
	Public Transport:	
	Width of all Internal roads (m):	9 to 15 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	8 b
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
	Brief informa	tion of the project by SEAC
PP, Mr. Vijay Lahane, C were present during the	hief Officer, Konkan Hou e meeting along with env	ising and Area Development Board, MHADA & Shri. B S Walekar, EE, ironmental consultant M/s Fine Envirotech Engineers.
The project proposal wa noted that the project is water, land, soil, ecolog sq.mt, after deduction h	as discussed on the basis e earlier considered in 52 y and biodiversity and so Net Plot area is 25042.28	of presentation made and documents submitted by the proponent. It is nd meeting of SEAC II. All issues related to environment, including air, ocial aspects were discussed. PP stated that total plot area is 52000 sq.mt.
Further, PP stated that FSI-9506.89 sq.mt) 906 69030.72 sq.m, FSI are project under 8a (B2) ca & plans submitted are t	the proposal is for EWS 1 99.80 sq.mt. It is noted th a- 10653.45 sq.m and Tot ategory of EIA Notificatio taken on the record.	Mass Housing Scheme with total BUA (FSI- 81192.91Sq.mt + Non hat in Consolidated Statement it was mentioned as Non FSI area- tal Built up Area 79684.17 sq.mt respectively. Committee noted that the on, 2006. Compliance, Consolidated statements, form 1, 1A, presentation

DECISION OF SEAC



SEAC Meeting No: 54 Meeting Date: July 4, 2017

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

Specific Conditions by SEAC:

Committee noted that there are drastic changes in area statement; therefore PP to Upload corrected Area statement.
PP to upload layout plan submitted to local body as per revised area statement with acknowledgement receipt.
PP to upload all layout plans on ECMPCB website for Green belt, Sewerage, Storm water drains, Parking, Fire tender movement.
PP to upload detail calculations for RG area, Parking area, Sewerage design, Storm water drainage.

FINAL RECOMMENDATION

SEAC-II have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above Stiller Critical And Contraction of the second seco conditions

DR. B.N.Patill SEAC (MMR) DR. C.III)

forh

SEAC Meeting number: 54 Meeting Date July 4, 2017

Subject: Environment Clearance for EWS MASS HOUSING SCHEME UNDER PRIME MINISTER HOUSING SCHEME											
General Information:											
1.Name of P	roject		Proposed Dev	Proposed Development of EWS Mass Housing Scheme (Phase 1) at S.No. 162, Khoni, Kalyan							
2.Type of ins	stitution		Government								
3.Name of P	roject Propone	ent	Konkan Housing and Area Development Board								
4.Name of C	onsultant		M/s. Fine Envirotech Engineers								
5.Type of pro	oject		Housing project								
6.New project/mode in existing p	ct/expansion in ernization/dive roject	n existing ersification	New project								
7.If expansion/diversification, whether environmental clearance has been obtained for existing project			Not applicable								
8.Location o	f the project		Survey No.162								
9.Taluka			Kalyan								
10.Village			Khoni								
11.Area of tl	ne project		Other area - 7	Thane Collector							
			Not received								
12.IOD/IOA/ Approval Nu	Concession/Pla mber	an	IOD/IOA/Con	ncession/Plan Approval Number: Not re	ceived						
rippioval iva	mber		Approved Built-up Area: 123537.28								
13.Note on t applicable)	he initiated w	ork (If	Not applicabl	e							
14.LOI / NO Other appro	C / IOD from M vals (If applica	IHADA/ able)	Not applicable								
15.Total Plo	t Area (sq. m.)		171000 sq.mt.								
16.Deductio	ns		67509.05 sq.mt								
17.Net Plot	area		103490.95 sq.mt								
			a) FSI area (sq. m.): 123537.28 sq.mt								
18.Proposed	Built-up Area	i (FSI &	b) Non FSI area (sq. m.): 19056.80 sq.mt								
NOII-1/31)			c) Total BUA area (sq. m.): 142594.08 sq.mt								
19.Total gro	und coverage	(m2)	12086.88 sq.mt								
20.Ground-c (Note: Perce to sky)	overage Perce ntage of plot i	entage (%) not open	7.07%								
21.Estimate	d cost of the p	roject	315000000								
	22	Num	per of buildings & its configuration								
Cortal				Junungs & its conne	Juiution						
number	Building	Name & r	number	Number of floors	Height of the building (Mtrs)						
1	EWS Bu	uildings (16	Nos.)	Ground +15	44.77 m						
2	Commercia	al (Shops) B Nos.)	uilding (2	Ground	3.65 m						
23.Number tenants an	r of d shops	Fenements	- 3056 nos. and Shops -34 nos.								
24.Number of expected residents / users Residents -		15280 nos. and Shops user-102 nos.									
25.Tenant density per hectare 247											
26.Height of the building(s)											
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		100 m									

28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9m, 12m, 15m								
29.Existing structure (s) if any		Not applicable								
30.Details of the demolition with disposal (If applicable)		Not applicable								
		31.Production Details								
Serial Number	Serial Product Existing			(MT/M)	(MT/M) Proposed (MT/M) Total (MT					
1	Not apj	plicable	Not app	plicable	Not applicable	Not applicable				
		3	2.Tota	l Wate	r Requiremen	t				
		Source of	water	MIDC						
		Fresh wate	er (CMD):	1377						
		Recycled w Flushing (vater - CMD):	690						
		Recycled water - Gardening (CMD):		59						
		Swimming pool make up (Cum):		NA						
Dry season	1:	Total Water Requirement (CMD) :		2126						
		Fire fighting - Underground water tank(CMD):		150						
		Fire fighting - Overhead water tank(CMD):		25						
		Excess treated water		738						
		Source of water		MIDC						
		Fresh water (CMD):		1377						
		Recycled water - Flushing (CMD):		690						
		Recycled water - Gardening (CMD):		Nil						
		Swimming make up (pool Cum):	NA						
Wet seasor	1:	Total Wate Requireme	er ent (CMD)	2067						
SY		Fire fightin Undergrou tank(CMD)	ng - Ind water):	150						
			ng - water):	25						
			ated water	797						
Details of 9 pool (If any	Swimming y)	Not applica	ble							
		3	3.Detail	s of Tota	l water consume	d				
Particula rs Consumption (CMD)			Loss (CMD) Effluent (CMD)							

Member Secretary			J. M. Johny Joseph
DR. B.N.Patil (Secretary SEAC-II)	SEAC Meeting No: 54 Meeting Date: July 4,	Page 34	Shri. Johny Joseph
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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 the Ground water table:				Detail study	will be carr	ried out							
		Size and no of RWH tank(s) and Quantity:		Detail study will be carried out									
		Location of the RWH tank(s):		Detail study will be carried out									
34.Rain V Harvestin	Water ng	Quantity of recharge pits:		Detail study	y will be carr	ried out							
(RWH)		Size of rec :	harge pits	Detail study	y will be carr	ried out							
		Budgetary (Capital co	allocation st) :										
		Budgetary (O & M cos	allocation st) :										
		Details of if any :	UGT tanks	Fire fightin	g undergrou	nd water tan	ık - 150 Cum						
		Natural wa drainage p	iter attern:	Proper storm water plan will be provided									
drainage	water	Quantity of water:	f storm	Detail study will be carried out									
		Size of SW	D:	Detail study will be carried out									
		Sewage ge in KLD:	neration	1653 KLD									
		STP techno	ology:	MBBR									
Sowaro	and	Capacity of (CMD):	f STP	1 STP of 17	00 KLD								
Waste w	ater	Location & the STP:	area of	Location : Open Ground and area of STP -900 sq.mt									
		Budgetary (Capital co	allocation st):	Rs. 150 Lakhs									
		Budgetary (0 & M cos	allocation st):	Rs. 30 Lakhs									
		3	<u> 86.Soli</u>	d waste	e Mana	gemen	t						
Waste gen	eration in	Waste gen	eration:	Waste will be generated during excavation and other construction activities									
and Constr phase:	ruction	Disposal of construction debris:	f the on waste	To be disposed by handed over to authorized contractor/recycler									
		Dry waste:		3074 Kg/day									
		Wet waste		5026 Kg/da	у								
Wasto go	noration	Hazardous	waste:	Not applica	ble								
in the op Phase:	eration	Biomedica applicable	l waste (If):	Not applica	ble								
		STP Sludge sludge):	e (Dry	165 Kg/day									
		Others if a	ny:	Not applicable									

			Dry waste:		Wastes will	Wastes will be handed over to authorized agency/recycler						
Mode of Disposal of waste:		Wet waste			Waste will be process in Organic Waste Converter and compost will be used as manure for gardening							
		Hazardous waste:			Not applicable							
		Biomedical waste (If applicable):		Not applicable								
		STP Sludge (Dry sludge):		7	Used as manure for gardening							
		Others if any:			Not applicable							
		Location(s):		Open Ground							
Area requirement:		Area for the storage of waste & other material:		r age	150 sq.mt							
		Area for m	achin	ery:	50 sq.mt							
Budgetary	allocation	Capital cos	st:		Rs. 60 Lakh	IS						
O&M cost)	st and	0 & M cos	t:		Rs. 12 Lakh	IS						
			3	7.Ef	fluent Cl	hare	cter	estics				
Serial Number	Paran	neters	U	nit	Inlet E Charect	ffluer eresti	it .cs	Outlet Effluent Charecterestics		nt cs	Effluent discharge standards (MPCB)	
1	Not ap	plicable	N appli	ot cable	Not apj	plicabl	е	Not applicab		e Not applicable		
Amount of e (CMD):	effluent gene	eration	Not applicable									
Capacity of the ETP:				Not applicable								
Amount of t recycled :	reated efflue	ent	Not applicable									
Amount of v	vater send to	o the CETP:	Not a	pplica	ble							
Membershi	p of CETP (if	f require):	Not a	pplica	ble							
Note on ET	P technology	v to be used	Not a	pplica	ble							
Disposal of	the ETP sluc	lge	Not applicable									
			3	8.H a	zardous	Was	te D	etails				
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	To	tal	Method of Disposal	
1	Not apj	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	No applio	ot cable	Not applicable	
			3	89.St	acks em	issio	n D	etails				
Serial Number	l Section & units			Fuel Used with Quantity		Stack No.		Height from ground level (m)	Inte diam (n	rnal eter 1)	Temp. of Exhaust Gases	
1	Not apj	plicable	Ν	lot apj	plicable	Not applicable		Not N applicable appl		Not pplicable Not applicable		
			4	D.De	tails of F	uel	to be	e used				
Serial Number Type of Fuel					Existing			Proposed			Total	
1	Not	applicable		Ν	lot applicabl	е	Ν	lot applicabl	е		Not applicable	
41.Source of Fuel Not					pplicable							
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							


		Total RG a	rea :	11735.82 s	q.mt					
		No of trees	s to be cut	Not applica	ble					
43.Gree	n Belt	Number of be planted	f trees to	1500 nos.						
Develop	ment	List of pro native tree	posed s :	Karanj, Apt Nandruk, P	Karanj, Apta, Neem, Kadamb, Bhava, Sita Ashoka, Bakul, Son chapa, Nandruk, Palas, Shirish, Neem, Mango.					
		Timeline for completion plantation	or 1 of ;	2 Years	? Years					
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	l in the ground			
Serial Number	Name of the plant Comm		Commo	n Name	Qua	ntity	Characteristics & ecological importance			
1	Pongami	a pinnata	Kaı	ranj	Shady	y tree	150			
2	Bauhinia	racemosa	Ap	ota	Small tree with small white flowers, butterfly host plant		150			
3	Anthocephallus cadamba		Kad	Kadamb		, large s tree, fast aceful tree, ed flowers	150			
4	Cassia fistula		Bh	Bhava		n sized us tree, ll yellow tterfly host ant	100			
5	Saraca	Saraca asoka S		shoka	Shady tre yellow	e with red flowers	200			
6	Mimuso	Mimusops elengi		kul	Shady tr white fragr	ee, small ant flowers	230			
7	Michalia	champaca	Son o	hapa flowers, butterfly ho plant		n sized en tree, t yellow tterfly host ant	150			
8	Ficus	retusa	Nan	druk	Shady tree roadside j	e, good for plantation	100			
9	Butea mo	nosperma	Pa	las	Mediur deciduo Beautifu flowers, Bu pla	n sized us tree. l orange tterfly host ant	100			
10	Albizia	lebbeck	Shi	rish	Shady tree green fragr	, yellowish ant flowers	80			
11	Azadirad	cta indica	Ne	em	Large tree roadside j	e, good for plantation	40			
12	Magnife	ra indica	Ma	ngo	Fruits bea	aring tree	50			
45	.Total qua	ntity of plan	its on grou	nd						
46.Num	ber 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 power supply :									
		During Co Phase: (De Load)	nstruction emand	200 KW						
		DG set as i back-up du constructi	Power uring on phase	150 KW	.50 KW					
_		During Op phase (Con load):	eration nnected	9129 KW	9129 KW					
requirement:		During Op phase (Der load):	eration mand	4565 KW	4565 KW					
		Transform	er:	9 Nos. of 63	9 Nos. of 630 KVA					
		DG set as back-up du operation	Power uring phase:	2 nos. of DO	G sets	of capacity 125 KV	7A			
		Fuel used:								
		Details of high tension line passing through the plot if any:		Not applica	ble		000			
		48.Ene	ergy savi	ng by no	n-co	nventional n	nethod:			
100 stand alone solar lights										
49.Detail calculations & % of saving:										
Serial Number	nergy Cons	ervation M	easures			Saving %				
1	100 stand	alone solar l	ights			9 KW				
		50	.Details	of pollut	ion d	control Syste	ms			
Source	Ex	isting pollu	tion contro	ol system		Pro	posed to be installed			
Not applicable		Not	applicable		Not applicable					
Budgetary (Capital	allocation cost and	Capital co	st:	Rs. 30 Lakh	IS					
Ô&M	cost):	0 & M cos	t:	Rs. 3 Lakhs						
51	.Envire	onment	tal Mar	nageme	ent	plan Budg	etary Allocation			
		a)	Construe	c tion ph a	ise (with Break-u	ıp):			
Serial Number	Attri	butes	Para	meter		Total Cost p	oer annum (Rs. In Lacs)			
1	Site S	Safety	Barricadi: Suppres	ng & Dust ssion etc			3			
2	Enviror Moni	nmental toring	Air, Nois Biolo	e, Water, ogical			7			
3	Sanitary F Waste Manag	acility and Water gement	Wa	ater			5			
4	Solid Manag	Waste gement	Solid	waste			4			
5 Occupation Health & Health ch Safety Training facilities, protective e			neck up of lisinfection First aid Personal equipments	ck up of infection rst aid 5 'ersonal uppments						
		b) Operat	ion Phas	e (w	ith Break-up):			
Serial Number	Comp	onent	Descr	iption	Car	oital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sewage T Pla	Freatment ant	1 STP of ca Kl	pacity 1700 LD		150	30			

(DF. B. N. Patil) Member Secretary SEAC (MMR)			J. r.t. Johny Joseph
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2	Rain Water Sys	Harvestin tem	g Rechar	rge pits		15			1			
3	Gree: Develo	n Belt opment	RG area â? sq.mt. Tree	? 11735. e plantati	.82 ion	25			3			
4	Solid Manag	Waste gement	OWC, Ma Colored	anpower Dustbins	, S	60		12				
5	Energy Meas	' Saving sures	Stand al	one solaı hts	ŗ	30			3			
51.St	torage	of ch	emicals	(infl sub	amab	le/explo	osiv	/e/haz	zardou	s/toxic		
Description		Status	Locatio	Location		Maximum Quantity of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation		
Not applie	cable a	Not applicable	Not applica	able	Not applicable	Not applicable	Not a	pplicable	Not applicable	Not applicable		
		-	52.A	ny Ot	her Inf	ormation	1					
No Informati	ion Availab	le	FO	Two ff	o Ma							
		Nos of t	DJ.	1 raffl		gement						
		to the m design o confluer	ain road & f ce:	Separat	Separate exit and entry points.							
Nu ba		Number basemer	and area of it:	Not app	olicable							
		Number podia:	and area of	Not app	olicable							
		Total Pa	rking area:									
		Area per	car:	Not applicable								
Parking o	details:	Area per car: Number of 2- Wheelers as approved by competent authority:		3086 nos.								
		Number Wheeler approve compete authorit	of 4- s as l by nt y:	Not applicable								
		Public T	ransport:	Not applicable								
		Width of roads (n	all Internal	9m, 121	m, 15m							
		CRZ/ RR obtain, i	Z clearance f any:	Not app	olicable							
	2	Distance Protecte Criticall areas / E areas/ in boundar	from d Areas / y Polluted co-sensitive ter-State ies	ve Not applicable								
		Category schedule Notificat	as per of EIA tion sheet	8 a (B2) category								
		Court ca if any	ses pending	Not app	olicable							
		Other Ro Informa	elevant tions	Not app	olicable							

	Have you previously submitted Application online on MOEF Website.	No								
	Date of online submission	-								
	Brief information of the project by SEAC									
PP, Mr. Vijay Lahane Ch were present during the	PP, Mr. Vijay Lahane Chief Officer, Konkan Housing and Area Development Board, MHADA & Shri. B S Walekar, EE, were present during the meeting along with environmental consultant M/s Fine Envirotech Engineers.									
The project proposal wa	s discussed on the basis	of presentation made and documents submitted by the proponent. It is								
noted that the project is water, land, soil, ecology Housing Scheme with to Consolidated Statement Area 142594.08 sq.mt re Consolidated statements	noted that the project is earlier considered in 52 nd 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 the proposal is for EWS Mass Housing Scheme with total BUA (FSI-137606.16Sq.mt + Non FSI-7244.36 sq.mt) 144850.52sq.mt. It is noted that in Consolidated Statement it was mentioned as Non FSI area-19056.80 sq.m, FSI area-123537.28 sq.m and Total Built up Area 142594.08 sq.mt respectively. 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									
	DE	CISION OF SEAC								
After deliberation, Co subject to compliance	mmittee decided to red of follwing points.	commend the proposal for Environmental Clearance to SEIAA,								
Specific Conditions by	SEAC:									
 Committee noted tha PP to upload layout p PP to upload all layout movement. 	t there are drastic chang lan submitted to local bo it plans on MPCB websit	es in area statement; therefore PP to Upload corrected Area statement. dy as per revised area statement with acknowledgement receipt. e for Green belt, Sewerage, Strom water drains, Parking, Fire tender								
4) PP to upload detail ca	ETNIAT	Parking area, Sewerage design, Storm water drainage,								
SEAC-II have decid	I'IINAL	ALCOMINICINDATION								
SLAC-II have deek		conditions								
Si										

SEAC Meeting number: 54 Meeting Date July 4, 2017

			5	3					
Subject: Er Balkum,Tha	nvironment (ne, Maharas	Clearance for shtra by Rajl	r Application axmi Develo	for Environment Clearance Propose pers	ed Residential Housing Project at				
General I	nformatio	on:							
1.Name of P	roject		Proposed Res	sidential Housing Project at Balkum,Than	e, Maharashtra by Rajlaxmi Developers				
2.Type of ins	stitution		Private						
3.Name of P	roject Propo	nent	Mr. Mehul La	axmikant Vasavda- Rajlaxmi Developers					
4.Name of C	onsultant		Mahabal Env Maharashtra	iro Engineers Pvt. Ltd., Plot F-7, Road No	0.21, Wagle Estate, Thane (West)-400604,				
5.Type of pro	oject		Housing Proj	ect					
6.New project project/mode in existing p	ct/expansion ernization/di roject	in existing versification	New Project						
7.If expansion whether envelopment has been obto project	on/diversifica ironmental c tained for ex	ition, learance isting	Not applicable						
8.Location o	f the project		Old Survey N (Sector-5)	Old Survey No. 235/B, New Survey No. 104/17, at Village Balkum, Taluka and District Thane (Sector-5)					
9.Taluka			Thane						
10.Village			Balkum						
11.Area of th	ne project		Thane Munic	ipal Corporation (TMC)					
			LOI obtained	from Thane Municipal Corporation (TMC	C) File No. 7484 dated 9/11/2016				
12.IOD/IOA/ Approval Nu	Concession/H mber	Plan	IOD/IOA/Con Corporation	ncession/Plan Approval Number: LOI (TMC) File No. 7484 dated 9/11/2016	obtained from Thane Municipal				
			Approved B	uilt-up Area: 17676					
13.Note on t applicable)	he initiated	work (If	Not Applicable						
14.LOI / NOC Other approv	C / IOD from vals (If appli	MHADA/ cable)	LOI obtained	from Thane Municipal Corporation (TMC	?)				
15.Total Plot	t Area (sq. m	.)	7,324 sq.mt.						
16.Deduction	ns		701 sq.mt.						
17.Net Plot a	area		6,623 sq.mt.						
			a) FSI area	(sq. m.): 15,832.90					
18.Proposed	Built-up Are	ea (FSI &	b) Non FSI a	area (sq. m.): 22,738.17					
NOII-F51)			c) Total BU	A area (sq. m.): 38,571.07					
19.Total gro	und coverage	e (m2)	1,537.54						
20.Ground-c (Note: Perce to sky)	overage Pero ntage of plo	centage (%) t not open	20%						
21.Estimated	d cost of the	project	1300000000						
	2	2.Num	ber of l	ouildings & its confi	iguration				
Serial number	Buildin	ig Name & i	number	Number of floors	Height of the building (Mtrs)				
1	Basemen Gro	t 1 + Lower und + 1st +	Ground + 2nd	29 Floor	92 mtrs				
23.Number tenants an	r of d shops	326 tenants	(300 Sale C	omponent+ 26 Mhada Component)					
24.Number expected rousers	r of esidents /	1,798 residents							
25.Tenant per hectar	density e	44/ha							
26.Height building(s)	of the								
27.Right of (Width of t from the n station to t proposed b	f way he road earest fire he wilding(s)	DP road: 40	m Internal roads: 12m						



28.Turning for easy ac fire tender movement around the excluding for the plat	y radius cess of from all building the width ntation	15 m									
29.Existing structure (J s) if any	Not Applica	able								
30.Details demolition disposal (I applicable)	of the with f	Not Applica	ıble								
			31. P	Product	ion Details						
Serial Number	Serial Product Existing			(MT/M)	(MT/M) Proposed (MT/M) Total (MT/M)						
1	Not apj	plicable	Not apj	plicable	icable Not applicable Not applicable						
		3	<u> 82.Tota</u>	I Water Requirement							
		Source of	water	Thane Muni	Thane Municipal corporation (TMC)						
		Fresh water (CMD):		163							
		Recycled v Flushing (vater - CMD):	91							
		Recycled v Gardening	vater - (CMD):	88							
		Swimming pool make up (Cum):		Not Applicable							
Dry season	1:	Total Water Requirement (CMD) :		243							
		Fire fighting - Underground water tank(CMD):		220							
		Fire fighting - Overhead water tank(CMD):		Not Applica	ble						
		Excess treated water		95							
		Source of	water	Thane Municipal corporation (TMC)							
		Fresh wate	er (CMD):	163							
		Recycled v Flushing (vater - CMD):	91							
		Recycled v Gardening	vater - (CMD):	88							
		Swimming make up (pool Cum):	Not Applica	ble						
Wet seasor	n:	Total Wate Requireme	er ent (CMD)	243							
	SY	Fire fighting Undergrou tank(CMD	ng - Ind water):	220							
		Fire fighti Overhead tank(CMD	ng - water):	Not Applicable							
		Excess tre	ated water	95							
Details of 9 pool (If an	Swimming y)	Not Applica	able								
		3	B3.Detail	s of Tota	l water consume	d					
Particula rs	Cons	sumption (C	CMD)	1	Loss (CMD)	Effluent (CMD)					

errie AJ. Patil) Member Secretary			Jana Johny Joseph
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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	e Ground e:	On Ground								
		Size and no tank(s) and Quantity:	o of RWH d	Not Applicable								
		Location of tank(s):	f the RWH	Not Applicable								
34.Rain Harvesti	Water ng	Quantity o pits:	f recharge	Collection t	ank							
(RWH)	0	Size of rec	harge pits	6 nos. of ha	ving capacity	y 44 m3/day	each					
		Budgetary (Capital co	allocation st) :	Rs.27 Lakh			C					
		Budgetary (O & M cos	allocation st) :	Rs.10 Lakh/	Year							
		Details of if any :	UGT tanks	UGT capacity- (From Thane Municipal Corporation) - 100.8 KLD Flushing Tank Capacity- 50.40 KLD Fire Tank Capacity - 220.00 KLD								
		-					5					
		Natural wa drainage p	iter attern:	Along road side drain of 1.00 m * 0.85m								
35.Storm drainage	water	Quantity o water:	f storm	0.6 m x 0.6	m							
		Size of SW	D:	350 mm * 4	50 mm							
		-										
		Sewage ge in KLD:	neration	194								
		STP techno	ology:	MBBR								
Sowaro	and	Capacity of (CMD):	f STP	1 no. of STP capacity 250 m3/day								
Waste w	ater	Location & the STP:	area of	On ground								
		Budgetary (Capital co	allocation st):	Rs.21 Lakh								
		Budgetary (O & M cos	allocation st):	Rs.5.5 Lakh/year								
		3	86.Soli	d waste	Mana	gemen	t					
Waste gen	eration in	Waste gen	eration:	Total excave	ation quantit	y is 3,400 m	.3					
the Pre Co and Constr phase:	nstruction ruction	Disposal of construction debris:	f the on waste	Constructio	n and Demo	lition and De	e-silting wast	e				
		Dry waste:		216 kg/day	kg/day							
		Wet waste		323 kg/day								
Wasto go	noration	Hazardous	waste:	Not Applica	ble							
in the op Phase:	eration	Biomedica applicable	l waste (If):	Not Applica	ble							
		STP Sludge sludge):	e (Dry	2 m3/day								
		Others if a	ny:	Not Applica	ble							

Dry waste:					Dry garbag	e will]	be seg	regated and	dispos	ed of	to recyclers
		Wet waste	•		Wet garbag landscaping	je will J	be cor	nposted and	used a	is orga	anic manure for
Mode of	Dienocal	Hazardous	wast	e:	Not Applica	able					
of waste:	DISPUSAI	Biomedica applicable	l wast):	te (If	Not Applica	able					
		STP Sludg sludge):	e (Dry	7	Dry sludge can be used as manure for plantation and gardening purpose inside the premise						
		Others if a	ny:		Not Applica	able					
		Location(s	;):		On Ground						
Area requirem	Area for the storag of waste & other material:		r age	50 sq.mt.							
		Area for m	achin	ery:	15 sq.mt.						
Budgetary	Capital cos	st:		Rs.10 Lakh							
O&M cost)		0 & M cos	t:		Rs.2 Lakh/y	vear					
			3	7.Ef	fluent C	hare	cter	estics			
Serial Number	Parameters			nit	Inlet E Charect	ffluer teresti	it cs	Outlet Charect	Efflue: eresti	nt cs	Effluent discharge standards (MPCB)
1	Not applicable			ot cable	Not ap	plicabl	е	Not apj	plicabl	е	Not applicable
Amount of effluent generation Not applie					ble				3		
Capacity of	the ETP:		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						
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	able						
			3	8.Ha	zardous	Was	te D	etails			
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1	Not apj	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable
			3	89.St	acks em	issio	n D	etails			
Serial Number	Section	& units	Fı	iel Us Quai	ed with ntity	Stacl	« No.	Height from ground level (m)	Inte diam (n	rnal leter 1)	Temp. of Exhaust Gases
1	Not apj	plicable	N	lot app	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable
			4	D.De	tails of F	^r uel [†]	to b	e used			
Serial Number	Тур	e of Fuel			Existing			Proposed			Total
1	Not	applicable		Ν	lot applicabl	е	Ν	Not applicabl	е		Not applicable
41.Source of	of Fuel			Than	e Municipal Corporation (TMC)						
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable						



		Total RG a	rea :	1,538 sq.mt						
		No of trees	s to be cut	Not Applica	ble					
43.Gree	n Belt	Number of be planted	trees to	Not Applica	ble					
Develop	ment	List of pro native tree	posed s :	86						
		Timeline for completion of plantation :		Not Applica	Not Applicable					
	44.Nu	mber and	l list of t	rees species to be planted in the ground						
Serial Number	Serial Number Name of the plant Common			n Name Quantity Characteristics & ecolo importance						
1	Puntr	anjiva	Puntranjiva	a roxburghii	2	0	Medicinal plant			
2	Rain	Tree	Albizia	saman	E.	5	Medicinal plant			
3	Fig	Tree	Ficus	s nota	9	9	Medicinal plant			
4	Ma	ngo	Mangife	ra indica	3	3	Flower bearing plant			
5	Kaduo	chinch	pithecello	bium dulce	8	3	Flower bearing plant			
6	kar	ranj	Pongami	a pinnata	8	3	Flower bearing plant			
7	Chi	nch	Tamarino	lus indica	4	1	Flruit bearing plant			
8	Tabe	ebuia	Tabe	ebuia	1	2	Flower bearing plant			
9	Drun	istick	Moringa	i oleifera	2	2	Fruit bearing plant			
10	Guin	lonar	Deloni	x regia	2		Flower bearing plant			
10	Um	lber	Ficus ra	acemosa		3	Fruit bearing plant			
12 Kadhuneem Azardirad				cta indica			Medicinal plant			
40 46 Num	her and	list of sl	ruhs an	d hushes	species	to he nl	anted in the nodium RG:			
Serial	iber und	Name		C/C Dista	ace		Area m2			
1 1	Not	Applicable		Not Applic	ahlo		Not Applicable			
1	1100	ripplicable		47 Fr			Not Applicable			
		Source of j	power	Maharashtra State Electricity Distribution Company Limited (MSEDCL)						
		During Cor Phase: (De Load)	nstruction mand	Not Applicable						
		DG set as I back-up du	Power uring	-						
		During Op phase (Con load):	eration mected	Not Applicable						
Pov require	ver ement:	During Op phase (Dei load):	eration nand	2 MW						
		Transform	er:	Not Applica	ble					
		DG set as l back-up du operation	Power ıring phase:	-						
		Fuel used:		As per Requ	irement					
		Details of I tension lin through th any:	high le passing le plot if	Not Applicable						
		48.Ene	ergy savi	ng by nor	1-conven	tional m	ethod:			
LED/CFL la Solar panel	mps will be used									



	49.Detail calculations & % of saving:										
Serial Number	Е	nergy Cons	ervation M	easures			Saving %				
1		LED,	/CFL lamps				>1%				
		50	.Details	of polluti	ion c	ontrol Syste	ms				
Source	Ex	isting pollu	tion contro	ol system		Pro	posed to be installed				
Not applicable		Not	applicable				Not applicable				
Budgetary	allocation	Capital co	st:	Rs.35 Lakh							
O&M	cost and cost):	O & M cos	t:	Rs.5 Lakh/y	ear						
51	.Envire	onment	tal Mar	nageme	ent p	olan Budg	etary Allocation				
a) Construction phase (with Break-up):											
Serial Number	Attri	butes	Para	meter		Total Cost p	oer annum (Rs. In Lacs)				
1	Water suppr	for dust ession	pH, color turbidity, COD, c	ur, odour, TDS, BOD, o and G			1.0				
2	Air & noise	monitoring	SPM, SO2	2 and NO2			2.0				
3	Soil erosi	on control	Enviro Moni	onment toring			2.0				
4	Water m	onitoring	pH, colot turbidi	ur, odour, ty, TDS	1.0						
5	Site sa	nitation	Disinf	ection			3.0				
6	Gardenii	ng set up	Soil an	d Water			12.0				
7	Disinfec con	Disinfection-pest control		fection			2.0				
8	First aid	id facilities Fi		Aid Box			1.0				
9	Health C	Check Up	We	ekly			1.0				
10	Traini awar	ng and eness	Mor	nthly	Ç .	1.0					
11	Personal equip	protective ments	Ear plug shoes,	ıs, Safety helmet		2.0					
12	Lamp fo	or labour	Energy co	nservation			7.0				
13	LED Lamps hutn	s for labour nents	Energy co	nservation		1.0					
14	Miscell	laneous		-			3.0				
		b) Operat	ion Phas	e (wi	th Break-up):				
Serial Number	Comp	onent	Descr	iption	Capi	ital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)				
1	STP (T	ertiary)	1 nos. ha capacity	aving the 250 KLD		21	5.5				
2	Land develo	scape opment	Man	uring		10	3				
3	Solid Compost	Waste ting plant	OWC	1 no.		10	2				
4	Rain Water	harvesting	Collection be used for Harv	tanks will Rain Water esting		27	10				
5	Fire Fi	ighting	Fire extin	nguishers		75	10				
6	Solar stree LED com Lig	t lighting & mon area ght	Solar pane light a	ls for street nd LED		35	5				
51.S	torage	of che	micals	(inflan substa	nabl	e/explosiv es)	ve/hazardous/toxic				

Description	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation	
Not applicable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
I		52.A	ny Ot	her Info	rmation	1			
No Information Availab	ole								
	1	53.	Traffi	c Manag	gement				
Nos. of the junction to the main road & design of confluence:				f junction aı	nd the DP ro	oad is 40 m			
	Number basemer	and area of nt:	Not Ap	plicable			Ň.		
	Number podia:	and area of	Not Ap	plicable			O Y		
	Total Pa	rking area:	10,083	.12 sq.mt.					
	Area per	car:	25.66 s	sq.mt.					
	Area per car:		25.66 s	sq.mt.					
Parking details:	Wheelers as approved by competent authority:		344 Nos.						
	Number Wheeler approve compete authorit	of 4- 's as d by ent y:	393 Nos.						
	Public T	ransport:	Not Aplicable						
	Width of roads (n	f all Internal 1):	12 m and 9 m						
	CRZ/ RR obtain, i	Z clearance f any:	Not Ap	plicable					
	Distance Protecte Criticall areas / H areas/ in boundar	e from ed Areas / y Polluted cco-sensitive tter-State ies	Not Ap	plicable					
	Category schedule Notifica	y as per e of EIA tion sheet	8 (a) B2	2					
	Court ca if any	ses pending	Not Ap	plicable					
5	Other Ro Informa	elevant tions	This project was submitted at state level the generated file no. SIA/MH/NCP/57850/2016 dated 27.07.2016 . The acceptance letter was generated against the file no. SEIAA/2016/II/CR431/TC-3 dated 04.08.2016						
	Have you submitte Applicat on MOE	u previously ed ion online F Website.	Yes						
	Date of submiss	online ion	27-07-2016						
	Brief	informa	tion	of the	projec	ct by SEA			

PP, Mr. Mehul Vasavda & Architect Mr. Rodrigues were present during the meeting along with environmental consultant M/s Mahabal Enviro Engineers Pvt. Ltd.

PP informed that project is residential housing project at Balkum, Thane with total construction area 38,571 m2. PP informed that, the proposal was considered in 50th Part A meeting, but the proposal have not received any approval like CFO permissions, approval for plans, Water NOC, Sewage and storm water NOC etc. therefore project was deferred. Further to this, PP informed that there is change in plan therefore committee decided to appraise the proposal as fresh proposal.

PP informed that, the proposal was considered in 14th EAC (Infra-2) meeting at MoEF and reply of meeting also was submitted on 17.03.2017. 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 $7324m^2$ & total construction area (FSI- 15,833 m^2 +Non FSI- 22,738 m^2) of the project is 38,571 m^2 . 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

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

Specific Conditions by SEAC:

Parking is of Puzzle Parking type. PP to submit evacuation time analysis calculations.
 PP to submit & upload energy saving calculation.

FINAL RECOMMENDATION

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



forh

SEAC Meeting number: 54 Meeting Date July 4, 2017

Subject: Environment Clearance for Proposed Residential cum Commercial project "Sanghvi Eco City" at plot bearing S. no. 51/26, 69/13 of village Mire and S. No. 76/1/2 of village Mahajanwadi, Tal and Dist. Thane.

General Information:								
1.Name of P	roject	Sanghvi Prem	nises Pvt. Ltd.					
2.Type of ins	stitution	Private						
3.Name of P	roject Proponent	Mr. Shailesh	Sanghvi, Sanghvi Premises Pvt. Ltd.					
4.Name of C	onsultant	Dr. D. A. Pati	l, Mahabal Enviro Engg. Pvt. Ltd.					
5.Type of pro	oject	Housing proje	ect					
6.New project/expansion in existing project/modernization/diversification in existing project								
7.If expansion whether environment has been obto project	on/diversification, ironmental clearance tained for existing	Not applicabl	Not applicable					
8.Location o	f the project	S.No. 51/26, Thane.	69/13 of Village: Mire & S. No. 76/1/2 of vi	llage Mahajanwadi, Taluka & Dist:				
9.Taluka		Thane						
10.Village		Mire and Mal	najanwadi					
11.Area of th	ne project	Mira-Bhayano	ler Municipal Corporation					
		Layout plan a	pproved form MBMC vide no. MB/MNP/N	R/5342/2015-16 dt. 19th March 2016				
12.IOD/IOA/ Approval Nu	Concession/Plan mber	IOD/IOA/Con MB/MNP/NR/	ncession/Plan Approval Number: Layou /5342/2015-16 dt. 19th March 2016	t plan approved form MBMC vide no.				
		Approved Bu	uilt-up Area: 26278.85					
13.Note on t applicable)	he initiated work (If	Construction	Work completed till today on site as per M	IBMC Approval is 18,945 m2.				
14.LOI / NO Other appro	C / IOD from MHADA/ vals (If applicable)	Layout plan a	Layout plan approved form MBMC vide no. MB/MNP/NR/5342/2015-16 dt. 19th March 2016					
15.Total Plo	t Area (sq. m.)	51375.43 m2	375.43 m2					
16.Deduction	ns	32518.72 m2						
17.Net Plot	area	18856.71m2						
10 Dropood	Duilt up Area (EEL S	a) FSI area ((sq. m.): 42729.83 m2					
Non-FSI)	built-up Area (r51 &	b) Non FSI area (sq. m.): 24257.50 m2						
		c) Total BUA area (sq. m.): 66987.33 m2						
19.Total gro	und coverage (m2)	8251 m2	51 m2					
20.Ground-c (Note: Perce to sky)	overage Percentage (%) ntage of plot not open	43.75 %						
21.Estimate	l cost of the project	1326300000						
	22.Num	per of h	wildings & its confi	nuration				
Sorial								
number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	Bldg 1		G/S + 19	59.60				
2	Bldg 2		G/S + 1 P +21	68.70				
3	Bldg 3		L+G + 1 P +18	62.75				
4	Bldg 4		G/S + 1 P +18	59.85				
5	Bldg 5		G/S + 2 P +15	54.05				
6	Bldg 6		S + 2P+15	54.05				
7	Bldg 7		S + 2P+15	54.05				
8	Blda 8		S + 20	61.20				
9	Bldg 9		S + 20	61.20				
10	Club House		C±1	Q /				
10			6+1	0.4				
23.Number tenants an	r of Shops: 63 N d shops Hall: 1 No.	nents: 944 N Ios. : 1 No.	0S.					

24.Number expected rusers	r of esidents /	5,032 Nos	5,032 Nos							
25.Tenant per hectar	density e	183.74/ha								
26.Height building(s)	of the									
27.Right of (Width of the from the n station to the proposed h	f way the road earest fire the puilding(s)	18 m and 30	8 m and 30 m wide DP Roads.							
28.Turning for easy ac fire tender movement around the excluding for the pla	radius cess of from all building the width ntation	Minimum tu	linimum turning radius is 9 m							
29.Existing structure (J s) if any	-				C Y				
30.Details demolition disposal (I applicable)	of the with f	-								
			31.P	roduct	ion Details					
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)				
Serial Number 1	Pro e Not apj	duct plicable	Existing Not app	(MT/M) plicable	Proposed (MT/M) Not applicable	Total (MT/M) Not applicable				
Serial Number 1	Pro Not app	duct plicable 3	Existing Not app 32.Tota	(MT/M) plicable I Wate	Proposed (MT/M) Not applicable	Total (MT/M) Not applicable				
Serial Number 1	Pro o Not app	duct plicable 3 Source of v	Existing Not app S2.Tota water	(MT/M) plicable I Wate MBMC	Proposed (MT/M) Not applicable r Requirement	Total (MT/M) Not applicable				
Serial Number 1	Proc Not app	duct plicable Source of v Fresh wate	Existing Not app 22.Tota water or (CMD):	(MT/M) Dicable I Wate MBMC 432 KLD	Proposed (MT/M) Not applicable	Total (MT/M) Not applicable				
Serial Number 1	Proc Not apj	duct plicable Source of v Fresh wate Recycled w Flushing (v	Existing Not app S2.Tota water or (CMD): vater - CMD):	(MT/M) Dicable I Wate MBMC 432 KLD 222 KLD	Proposed (MT/M) Not applicable	Total (MT/M) Not applicable				
Serial Number 1	Proc	duct olicable Source of v Fresh wate Recycled w Flushing ((Recycled w Gardening	Existing Not app S2.Tota Vater or (CMD): Vater - (CMD):	(MT/M) Dicable I Wate MBMC 432 KLD 222 KLD 222 KLD	Proposed (MT/M) Not applicable r Requirement	Total (MT/M) Not applicable t				
Serial Number 1	Proc Not app	duct plicable Source of w Fresh wate Recycled w Flushing (w Recycled w Gardening Swimming make up (w	Existing Not app C2.Tota Vater or (CMD): Vater - (CMD): Vater - (CMD): pool Cum);	(MT/M) Dicable I Wate MBMC 432 KLD 222 KLD 222 KLD 3 KLD	Proposed (MT/M) Not applicable	Total (MT/M) Not applicable t				
Serial Number 1 Dry season	Proc Not app	duct plicable Source of v Fresh wate Recycled w Flushing (v Recycled w Gardening Swimming make up (v Total Wate Requirements :	Existing Not app 22.Tota vater rr (CMD): rater - (CMD): rater - (CMD): pool Cum); err (CMD)	(MT/M) Dicable I Water MBMC 432 KLD 222 KLD 222 KLD 3 KLD 654 KLD	Proposed (MT/M) Not applicable r Requirement	Total (MT/M) Not applicable t				
Serial Number 1	Proc Not ap	duct plicable Source of v Fresh wate Recycled w Flushing (C Recycled w Gardening Swimming make up (C Total Wate Requirements : Fire fightin Undergrout tank(CMD)	Existing Not app 22.Tota vater or (CMD): vater - (CMD): vater - (CMD): pool Cum): or ent (CMD) or ent (CMD)	(MT/M) Dicable I Waten MBMC 432 KLD 222 KLD 222 KLD 3 KLD 654 KLD As per CFO	Proposed (MT/M) Not applicable r Requirement	Total (MT/M) Not applicable t				
Serial Number 1	Proc Not app	duct plicable Source of v Fresh wate Recycled w Flushing ((Recycled w Gardening Swimming make up (() Total Wate Requireme : Fire fightin Undergrou tank(CMD) Fire fightin Overhead v tank(CMD)	Existing Not app 22.Tota vater r (CMD): vater - CMD): vater - (CMD): pool Cum): pool Cum): r (CMD) for for (CMD) for for (CMD) for for (CMD) for for (CMD)	(MT/M) plicable I Waten MBMC 432 KLD 222 KLD 222 KLD 3 KLD 654 KLD As per CFO As per CFO	Proposed (MT/M) Not applicable r Requirement NoC NoC	Total (MT/M) Not applicable t				
Serial Number 1 Dry season	Proc Not app	duct plicable Source of y Fresh wate Recycled w Flushing (Recycled w Gardening Swimming make up ((Total Wate Requirements Fire fightin Undergrou tank(CMD) Fire fightin Overhead y tank(CMD) Excess tree	Existing Not app 22.Tota vater or (CMD): vater - (CMD): vater - (CMD): pool Cum); or font (CMD) and water : nd water : ng - vater : ated water	(MT/M) plicable I Wate MBMC 432 KLD 222 KLD 222 KLD 3 KLD 654 KLD As per CFO 361 KLD	Proposed (MT/M) Not applicable r Requirement NoC NoC	Total (MT/M) Not applicable t				



Source of water				MBMC+RW	VH							
		Fresh wate	er (CMD):	267 KLD +	165 KLD RW	VН						
		Recycled w Flushing (vater - CMD):	222 KLD								
		Recycled w Gardening	vater - (CMD):	-								
		Swimming make up ((pool Cum):	3 KLD								
Wet season: Total Water Requirement (er ent (CMD)	654 KLD	654 KLD							
		Fire fighting - Underground water tank(CMD):		As per CFO	NoC							
		Fire fightin Overhead y tank(CMD)	ng - water):	As per CFO	NoC							
		Excess trea	ated water	383 KLD			-					
Details of pool (If an	Swimming v)	Swimming v	will be provi	ded, Water r	equirement	for swimmin	g pool will b	e 3 KLD				
	5 /	3	3.Detail	s of Tota	l water o	consume	d					
Particula rs	Cons	sumption (C	2MD)		Loss (CMD)		E	f luent (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 table	e Ground	6-7 m								
		Size and no tank(s) and Quantity:	o of RWH d	No. of RWH tank: 10 Nos with Total RWH tank capacity: 350 m3								
		Location o tank(s):	f the RWH	Underground								
34.Rain	Water	Quantity o pits:	f recharge									
(RWH)	irg	Size of rec	harge pits	-								
		Budgetary (Capital co	allocation st) :	35 lakh								
		Budgetary (O & M cos	allocation st) :	4 Lakh/year								
		Details of if any :	UGT tanks	Underground								
	\mathbf{C}											
	2	Natural wa drainage p	iter attern:	Slope towa	rds South sid	le						
35.Storm drainage	water	Quantity o water:	f storm	9,820.12 m	3/hr.							
		Size of SW	D:	PLOT A- 75 C- 450 x 30	0 x 550 mm 0 mm chann	channel, PL(el	OT B- 600 x 3	300 mm char	nel, PLOT			

		Sewage ge in KLD:	neration	611					
		STP techn	ology:	MBBR					
C		Capacity o (CMD):	f STP	Total STP Capacity : 660 KLD, Plot C: 1 x 85 KLD) KLD, (Plot A: 1 x 400 K .)	LD, Plot B: 1 x 175			
Sewage Waste w	and ater	Location & the STP:	area of	Ground					
		Budgetary (Capital co	allocation st):	130 Lakh					
		Budgetary (O & M cos	allocation st):	25 Lakh/year					
			36.Soli	d waste Manae	gement				
Waste gen	eration in	Waste generation:		1,935 m3					
the Pre Co and Constr phase:	nstruction ruction	Disposal o constructi debris:	f the on waste	The construction debris will be disposed as per the â??Construction an Demolition and Desilting Waste (Management and Disposal) Rules 2016.					
		Dry waste:		969 kg/d					
		Wet waste	:	1,453 kg/d					
Wasto no	noration	Hazardous	waste:	NA					
in the op Phase:	eration	Biomedica applicable	l waste (If):	NA					
		STP Sludg sludge):	e (Dry	6 kg/d					
		Others if a	ny:	Household E-waste gene	eration				
		Dry waste:		Dry garbage will be seg	recyclers				
		Wet waste	:	Wet garbage will be com Technology and used as	nposted using Mechanica organic manure for land	ll Composting scaping.			
		Hazardous	waste:	NA					
Mode of of waste:	Disposal	Biomedica applicable	l waste (If):	NA					
		STP Sludg sludge):	e (Dry	Sludge will be used as m	nanure for gardening				
		Others if a	ny:	The household E-waste shall be handed over to e-waste management vendor authorized by MPCB.					
		Location(s):	Ground					
Area requirem	ent:	Area for th of waste & material:	e storage other	130 m2					
		Area for m	achinery:	64 m2					
Budgetary	allocation	Capital cos	st:	40 Lakh					
O&M cost	st and	O & M cos	t:	15 Lakh/Year					
			37.Ef	fluent Charectere	estics				
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):	effluent gene	eration	Not applica	ble					
Capacity of	the ETP:		Not applica	ble					
Amount of t recycled :	reated efflue	ent	Not applica	ble					
Amount of v	water send to	o the CETP:	Not applica	ble					
Membershi	p of CETP (if	require):	Not applica	ble					
Note on ET	P technology	to be used	Not applica	ble					
Disposal of	the ETP slud	lge	Not applica	ble					
	38.Hazardous Waste Details								

OF. B. N. Patil) Member Secreta	~	
DR. B.N.Patil (Secret SEAC-II)	ary	SEAC Meeting

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Serial Number	Descr	iption	С	at	UOM Existing		ting	Proposed	Total	Method of Disposal	
1	Not app	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	Not applicable	Not applicable	
			5.7	39.S t	acks em	issio	n D	etails			
Serial Number	Section	Section & units F		Fuel Used with Quantity		Stacl	s No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not app	plicable	Not apj	plicable	N appli	ot cable	Not applicable	Not applicable	Not applicable		
40.Details of Fuel to be used											
Serial Number	Тур	e of Fuel			Existing			Proposed		Total	
1	Not	applicable		Ν	lot applicabl	е	N	lot applicabl	е	Not applicable	
41.Source of	of Fuel			Not a	pplicable						
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable						
		Total RG a	rea :		4407.12 m ²	2					
		No of trees	s to b	e cut	Nil						
43.Green Belt Number of be planted			trees	es to 220 Nos							
Development List of proponative trees			posed s :	l	220 Nos						
		Timeline for completion plantation	or 1 of :		1 year	6					
	44.Nu	nber and	l list	t of t	rees spe	cies	to b	e plante	d in the g	ground	
Serial Number	Name of	the plant	С	ommon Name			Qua	ntity	Characteristics & ecological importance		
1	Azadirac	ta indica		Neem			2	8	Large tree, good for roadside plan		
2	Alstonia	scholaris		Sat	win		3	1	Shady Tree, white fragrant flowers		
3	Saraca	asoka		Sita A	Ashok		3	2	Shady tree with red-yellow flowers		
4	Mimusoj	os elengi	Ć	Ba	kul		3	5	Shady tree	e, small white fragrant flowers	
5	Butea mo	nosperma		Pa	las		3	1	Medium Be	sized deciduous tree. eautiful orange	
6	Pongami	a pinnata		Kaı	ranj		3	3		Shady tree	
7	Anthoce cada	ephallus Imba		Kad	amb		3	0	Shady, la	arge tree, ball shaped flowers.	
45	.Total quar	ntity of plan	ts on	grou	nd						
46.Num	nber and	list of sl	ırub	s an	d bushes	s spe	cies	to be pla	anted in	the podium RG:	
Serial Number	CY	Name			C/C Dista	nce			Area	a m2	
1	Vite	x negundo			-						
2	Adha	toda vasica			-					-	
3	Plumba	ago zeylanica	ì		-	-				-	
4	Ziziphu	ıs mauritiana	ì		-					-	
	47.Energy										

		Source of p supply :	power	Tata Power						
		During Co Phase: (De Load)	nstruction mand	200 kVA						
		DG set as back-up du construction	Power Iring on phase	200 kVA						
Power requirement:		During Op phase (Cor load):	eration inected	5.8 MW	5.8 MW					
		During Op phase (Der load):	eration nand	3.0 MW						
		Transform	er:	NA						
		DG set as l back-up du operation	Power ıring phase:	Total capac	ity 120	0 kVA	~			
		Fuel used:		HSD						
		Details of l tension lin through th any:	high e passing le plot if	NA						
		48.Ene	rgy savi	ng by no	n-cor	ventional meth	od:			
 Energy efficient lighting using LEDs Use of high energy efficient pumps for fire fighting, UG tanks and STP Solar Street lights are proposed for common areas such as open spaces, pathways, RG etc. Solar Hot Water system will be proposed Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement 						tc. oning requirement				
		4	9.Detail	calculati	ons 8	& % of saving:				
Serial Number	Е	nergy Cons	ervation M	easures		S	Saving %			
1		Total E	nergy saving	g			22.15 %			
		50	Details	of polluti	ion c	ontrol Systems				
Source	Ex	isting pollu	tion contro	l system		Proposed	d to be installed			
Not applicable		Not	applicable	Not applicable						
Budgetary (Capital	allocation	Capital cos	st:	110 Lakh						
0&M	cost):	0 & M cos	t:	7 Lakh/year						
51	.Enviro	onment	al Mar	nageme	ent p	<u>olan Budgeta</u>	ry Allocation			
		a)	Construc	ction pha	ise (v	vith Break-up):				
Serial Number	Attri	butes	Parai	neter		Total Cost per an	num (Rs. In Lacs)			
1	Water spr suppr	ay for dust ession		-			3			
2	Site sai (Toi	nitation lets)		-			3			
3	Enviror Monit	nmental toring		-			4			
4	Potable Wa to Labor	ater Supply ur Camp		-			4			
5	Health ch first	neck-up & t aid		-			4			
6	Safety I Protective	Personal Equipment		-			5			
7	Traffic Ma	anagement		-			3			
8	Safet	y nets		-			6			
9	Tyre clea Vehicle ma	aning and aintenance		-			2			

Antel Member Secretary			Jan-1- Johny Joseph
DR. B.N.Patil (Secretary	SEAC Meeting No: 54 Meeting Date: July 4, 2017	Page 54	Shri. Johny Joseph
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10	Solic Manager maintena	l Waste nent & Site nce activity	ste & Site - activity			4					
11	Safety - Wo	Training to orkers		-				6			
			b) Operat	ion Pl	hase (w	ith Brea	k-up):			
Serial Number	Com	ponent	Descr	iption	ption Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)			
1	STP (Tertiary)	Continuo	us 0 & 1	M	130			25		
2	Solar H	Iot Water	We	ekly		110			7		
3	Rain Wate	Water Harvesting Uuring rain (Cleaning tanks and cham		iny seaso g of RWI Filtration ber)	on H on	35			4		
4	Solio Compos	l waste sting plant	Continuo	us O & I	M	40			15		
5	Lan	dscape	Da	aily		28			6		
6	Enviro Mon	onmental itoring	As per t guideline MoEF A labora	he CPCE s throug pproved atories	B ih	-			4		
51.S	torage	e of ch	emicals	(infl sub	amab stance	le/explo es)	osiv	/e/haz	zardou	s/toxic	
						Maximum		3			
Descri	ption	Status	Locatio	n	Storage Capacity in MT	of Storage at any point of time in MT	Cons / Mo	umption onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	able	Not applicable	Not applicable	Not applicable		Not applicable	Not applicable	
			52.A	ny Ot	her Info	ormation	1				
No Informa	tion Availal	ole	=0	T (C)							
			53.	Traffic Management							
		to the m design o confluer	ain road & f ce:	2							
		Number basemer	and area of it:	NA							
		Number podia:	and area of	1 podium with Total podium area 6,179 m2							
		Total Pa	rking area:	12,495 m2							
		Area per	car:	24.50 m2							
		Area per	car:	24.50 n	n2						
Parking	Parking details: Number of 2- Wheelers as approved by competent authority: Number of 4- Wheelers as approved by competent authority:		of 2- is as d by ent y:	1010 Nos							
			of 4- s as d by ent y:	510 Nos							
		Public T	ransport:	NA							
		Width of roads (n	t all Internal 1):	No							
		CRZ/ RR obtain, i	Z clearance f any:	NA							

(BF. B. N. Patil) Member Secretary SEAC (MMR)			J Johny Joseph
DR. B.N.Patil (Secretary	SEAC Meeting No: 54 Meeting Date: July 4,	Page 55	Shri. Johny Joseph
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Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Our project site is located at a distance of approx. 60 m from the boundary of Sanjay Gandhi national park (SGNP). We have applied for NBWL clearance dt. 17.02.2017
Category as per schedule of EIA Notification sheet	8 (a)
Court cases pending if any	NA
Other Relevant Informations	NA
Have you previously submitted Application online on MOEF Website.	No
Date of online submission	-
Brief informa	tion of the project by SFAC

Representative of PP, Mr. Shailesh Sanghvi & Architect Mr. Regi were present during the meeting along with

environmental consultant M/s D.A Patil; Mahabal enviro engineers Pvt.Ltd.

It was noted by the committee that, the project was considered in 48th & 43rd meeting of SEAC-II. In 48th Meeting, project was deferred as the PP was absent & in 43rd meeting, as committee noted that, total plot potential was 56,866 m². & construction was initiated on the basis of permissions issued by Mira Bhayender Municipal Corporation in the year 2009. Accordingly two buildings on plot A with area admeasuring 18,945 m² have been completed without obtaining EC. Committee decided to refer the matter to Environment Department / SEIAA for action on alleged violation.

In response to this, following directions received from Environment Department-

"MOEF & CC, GOI has recently issued Notification dated 14/3/2017, regarding procedure to be followed in the matters of violation hence; Proposals regarding violation will not be appraised by State SEAC/SEIAA. According to above mentioned Notification, EAC, MOEF & CC will appraise the violation cases & EC will be granted at central level."

Accordingly, Member Secretary, SEAC-2 informed PP vide letter dated 23rd May, 2017.

DECISION OF SEAC

After deliberation, committee informed the PP to follow the procedure stipulated in the Notification dated 14th March, 2017 & to submit their application to EAC, MOEF & CC

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-II decided to refer the proposal to SEIAA/Environment Department for verification of above mentioned violation.



forh

SEAC Meeting number: 54 Meeting Date July 4, 2017

Subject: Environment Clearance for Amendment & Expansion in EC for Residential cum Commercial Project at S. No. 279, 281, 284, 286, 287, 288, 296, 298, 301/PT, 302, 303, 304, 305, 306/PT, 308, 309, 310,311, 312,314, 315, 317, 318, 323, 339, 340, 341, 342, 343 & 344 at Village Khativali, Tal- Shahapur, Dist- Thane. by M/s Tata Value Homes Ltd

General I	information:							
1.Name of P	roject	M/s. Tata Val	'ata Value Homes Ltd					
2.Type of ins	stitution	Private	e					
3.Name of P	roject Proponent	Mr. K. Subra	C. Subramaniam, Tata Value Homes Pvt. Ltd.					
4.Name of C	onsultant	Dr. D. A. Pati	l; Mahabal Enviro Engineers Pvt. Ltd.					
5.Type of pro	oject	Township Pro	oject					
6.New project/mode project/mode in existing p	ct/expansion in existing ernization/diversification roject	Amendment &	& Expansion in EC for Residential cum Co	nmercial Project				
7.If expansion whether environment has been obtained project	on/diversification, ironmental clearance tained for existing	EC Granted F FSI: 7,164.92	Ref No. SEAC-2010/CR 754/TC II Dt. 13th m2 & Total Construction area: 1,48,539.8	October 2015 (FSI: 1,41,374.95 m2, Non 37 m2)				
8.Location o	f the project	At S. No. 279 310,311, 312 Shahapur, Di	, 281, 284, 286, 287, 288, 296, 298, 301/P ,314, 315, 317, 318, 323, 339, 340, 341, 3 st- Thane.	T, 302, 303, 304, 305, 306/PT, 308, 309, 42, 343 & 344 at Village Khativali, Tal-				
9.Taluka		Shahapur						
10.Village		Khativali						
11.Area of t	ne project	Town plannin	ig Dept. Thane					
		Plan approve	d by Town Planning Dept. Thane dt. 01.08	.2011				
12.IOD/IOA/ Approval Nu	Concession/Plan mber	IOD/IOA/Con dt. 01.08.201	ncession/Plan Approval Number: Plan a	ipproved by Town Planning Dept. Thane				
10 Mata and	h - initiated mends (16	Approved Bu	allit-up Area: 111013.42					
applicable)		October 2015	i)	SEAC-2010/CK / 54/1C II Dated-15til				
Other approvals (If applicable)			JA 0.4.160.00 m2					
15.Total Plot Area (sq. m.) 2,04,160.00			n2					
16.Deductions 8036.32 m ²			2					
17.Net Plot	area	1,96,123.68 n	n2					
18.Proposed Built-up Area (FSI & Non-FSI)		a) rSI area	(sq. m.): 1,98,505.05 m2					
		a) Total RIV	11ed (Sq. m.): 29,901.21 III2					
10 Total gro	und coverage (m2)	18505 12 m2	A area (sq. m.). 220400.20					
20.Ground-c (Note: Perce to sky)	overage Percentage (%) entage of plot not open	9.48 %						
21.Estimate	d cost of the project	440000000						
	22.Num	ber of k	ouildings & its confi	guration				
Serial number	Building Name & 1	number	Number of floors	Height of the building (Mtrs)				
1	Type 1- 9 Buildi	nas	G+8	26.25				
2	Type 1A- 2 Build	inas	G+8	26.25				
3	Type 1B- 1 Build	ings	G+7	23.40				
4	Type 1C- 2 Build	ings	G+7	23.40				
5	Type 2- 18 Build	ings	G+8	26.25				
6	Type 2A- 1 Build	ings	G+8	26.25				
7	Type 2B- 1 Build	ings	G+8	26.25				
8	Type 3- 8 Buildi	ngs	G+8	26.25				
9	Type A- 8 Buildings (Phase I)	G+2	9.15				
10	Type B- 19 Buildings	(Phase I)	G+4 14.85					
11	Type B1- 9 Buildings	(Phase I)	G+2	9.15				
12	Type C- 5 Buildings (Phase I)	G+4	14.85				
13	CFC -1 Buildir	lq	G+1	6.15				
		0		-				

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14	C	FC -2 Buildir	ıg		G+4	14.85			
23.Number tenants an	r of d shops	Total Flats: Shops: 40 N	4,340 Nos. (Ios. (Phase I	(Phase I: 1,34)	18 flats: & Phase II: 2,99	2 flats)			
24.Number expected r users	r of esidents /	23,770 Nos							
25.Tenant per hectar	density e	213/ha							
26.Height building(s)	of the								
27.Right o (Width of the from	f way the road earest fire the ouilding(s)	The propose road.	ed project si	te is accessib	ole by 60 m wide NH3. T	he entry is from the proposed DP			
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	Min 9 m	in 9 m						
29.Existing structure	J (s) if any	NA	A						
30.Details demolition disposal (I applicable)	of the with f	NA							
			31. P	roduct	ion Details				
Serial Number	Proc	duct	Existing	(MT/M) Proposed (MT/M)		Total (MT/M)			
1	Not app	plicable	Not apj	plicable	Not applicable	Not applicable			
		3	2.Tota	l Wate	r Requiremen	it			
		Source of	water	Bhatsa River					
		Fresh wate	er (CMD):	1,984 KLD					
		Recycled v Flushing (vater - CMD):	1,530 KLD (Flushing, Gardening & HVAC make-up)					
		Recycled v Gardening	vater - (CMD):	104					
		Swimming make up (pool Cum):	NA					
Dry seasor	1:	Total Wate Requireme :	er ent (CMD)	3,023 KLD					
		Fire fightin Undergrou tank(CMD	ng - Ind water):	Will be provided as per CFO norms					
	5	Fire fightin Overhead tank(CMD	ng - water):	Will be prov	vided as per CFO norms				
		Excess trea	ated water	Excess Treated water to agricultural use					



		Source of wa	ter	Bhatsa River + RWH							
		Fresh water	(CMD):	1,612 + 372	2 KLD						
		Recycled wat Flushing (CM	er - 1D):	1,426 KLD (1,426 KLD (Flushing & HVAC make-up)						
		Recycled wat Gardening (C	er - CMD):	-							
	Swimming pool make up (Cum):		NA	NA							
Wet season: Requirement (CMD) :		3,023 KLD									
Fire fighting - Underground water tank(CMD):		Will be provided as per CFO norms									
Fire fighting - Overhead water tank(CMD):		- ter	Will be prov	ided as per CF	O norms						
		Excess treate	ed water	Excess Trea	ted water to a	gricultura	l use				
Details of any pool (If any	Swimming y)	NA)			
		33	.Detail	s of Tota	l water co	nsume	d				
Particula rs	Cons	sumption (CMD)		I	Loss (CMD) Effluent (CMD)						
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		Level of the water table:	Ground	4-5 m							
		Size and no o tank(s) and Quantity:	of RWH	18 RWH tanks of total 750 m3 capacity							
		Location of t tank(s):	he RWH	Underground							
34.Rain V Harvestin	Water 1g	Quantity of r pits:	echarge	21 Recharge Pits (The overflow from the RWH tanks will be discharged in Recharge pits.)							
(RWH)	-	Size of recha :	rge pits	Size: 4.5 m x 4.0 m x 3.0 m							
		Budgetary al (Capital cost	location) :	150 Lakh							
		Budgetary al (0 & M cost)	location :	15 Lakh/year							
		Details of UC if any :	Details of UGT tanks if any :			Underground					
		Natural water									
	5	Natural wate drainage pat	r tern:	Towards Sou	uth side of the	plot					
35.Storm drainage	water	Natural wate drainage pat Quantity of s water:	r tern: torm	Towards Sou The runoff h adjoining ar	uth side of the has been comp rea = 15.10 m3	plot uted as 20 5/s)).67 m3/s (Plo	t = 5.57 m3/s	and		
35.Storm drainage	water	Natural wate drainage pat Quantity of s water: Size of SWD:	r tern: torm	Towards Sou The runoff h adjoining ar 1000 mm wi	uth side of the has been comp rea = 15.10 m3 ide and 1200 n	plot uted as 20 //s) nm deep c).67 m3/s (Plo hannel	t = 5.57 m3/s	and		



	Sewage ge in KLD:	neration	2,824 KLD					
	STP techn	ology:	MBBR Technology					
C	Capacity o (CMD):	f STP	Total Capacity: 3,000 KI	.D				
Waste water	Location & the STP:	area of	Ground					
	Budgetary (Capital co	allocation st):	600 Lakh	600 Lakh				
	Budgetary (O & M cos	allocation st):	120 Lakh/year					
36.Solid			d waste Manag	gement				
Waste generation in	Waste gen	eration:	Construction debris: 6,6	34 m3				
the Pre Construction and Construction phase:	Disposal o constructio debris:	f the on waste	The construction debris Top soil will be used for	will be used at site for si gardening	te formation/leveling.			
	Dry waste:		4,520 kg/day					
	Wet waste	:	6,780 kg/day					
Waste generation	Hazardous	waste:	NA					
in the operation Phase:	Biomedica applicable	l waste (If):	NA					
	STP Sludgesingestresses	e (Dry	28 KLD					
	Others if a	ny:	y: Household E-waste generation					
	Dry waste:		Dry garbage will be segregated & disposed off to recyclers					
	Wet waste:		Wet garbage will be com (Eco Biocompack) and u	posted using Mechanica sed as organic manure fo	ll Composting system or landscaping.			
	Hazardous	waste:	NA					
of waste:	Biomedica applicable	l waste (If):	NA					
	STP Sludge (Dry sludge):		Sludge will be used as m	nanure for gardening				
	Others if a	ny:	The E- waste shall be handed over to E-waste management vendor authorized by MPCB					
	Location(s):	Ground					
Area requirement:	Area for the storage of waste & other material:		Total 400 m2 area will be provided					
	Area for m	achinery:	Machine area/unit: 30 m2					
Budgetary allocation	Capital cos	st:	288 Lakh					
(Capital cost and O&M cost):	O & M cos	t:	115 Lakh/year					
		37.Ef	fluent Charectere	estics				
Serial Number Paran	neters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1 N	ΓA	NA	NA	NA	NA			
Amount of effluent gene (CMD):	eration	Not applica	ble					
Capacity of the ETP:		Not applica	ble					
Amount of treated efflue recycled :	ent	Not applica	able					
Amount of water send to the CETP: Not a		Not applica	ot applicable					
Membership of CETP (if	f require):	Not applica	able					
Note on ETP technology	v to be used	Not applica	ble					
Disposal of the ETP sluc	lge	Not applica	ble					
		38.H a	zardous Waste D	etails				

Honder B. N. Patil) Members Discretary			J Johny Joseph
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)escri	iption	C	at	UOM	Existing		Proposed	Total	Method of Disposal	
1	N	NA N		A	NA NA NA		NA NA				
	39.Stacks emission Details										
Serial Number Sec	tion	& units Fuel Q		uel Us Qua	el Used with Quantity		x No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	N	А		Ν	A	Ν	А	NA	NA	NA	
			4	0.De	tails of F	fuel	to be	e used			
Serial Number	Тур	e of Fuel			Existing			Proposed		Total	
1		NA			NA			NA		NA	
41.Source of Fuel				NA							
42.Mode of Transpo	ortati	on of fuel to	site	NA							
	-	Total RG a	rea :		20780.81 m	12			1		
		No of trees	s to be	e cut	Total existing retained: 20	ng tree) Nos,	es: 47	Nos, Trees t	o be cut: 27	Nos & Trees to be	
43.Green Bel	lt	Number of be planted	trees	s to	Trees to be	plante	ed: 1,1	50 Nos.			
Development	Ĺ	List of prop native tree	posed s :	l	As below						
	Timeline for completion of plantation :				3 Years		C				
44.Number and list of trees species to be planted in the ground											
Serial Number Nam	al Name of the plant Comm		ommo	n Name		Qua	ntity	Charact	eristics & ecological importance		
1 Alk	bizia l	ebbeck		Shi	rish	45			Shady tree, yellowish green fragrant flowers		
2 Aza	diract	ta indica		Ne	em	m 42			Large ti	ree, good for roadside plantation	
3 Aila	inthus	s excelsa		Maha	arukh	ukh 40		0	Large tree, good for roadside plantation		
4 F	icus 1	retusa	C	Nan	druk		35		Shady tree, good for roadside plantation		
5 Alst	conia s	scholaris 🔪		Sat	win	n 55		5	Shady Tre	e, white fragrant flowers	
6 Pong	gamia	a pinnata		Kaı	ranj		4	5	Shady tree		
7 Sa	araca	asoka		Sita A	Ashok		4	2	Shady tree with red-yellow flowers.		
8 Bo	ombaz	x ceiba		Kate	savar	46		6	Large tree, red flowers		
9 An	thoce cada	phallus mba		Kad	amb		48		Shady, large tree, ball shaped flowers.		
10 Ca	assia	fistula		Bah	lava		4	2	Medium Beautiful	sized deciduous tree. yellow flowers, Butterfly host plant	
11 Min	nusop	os elengi		Ba	kul		4	6	Shady tre	ee, small white fragrant flowers	
12 Nyct	tanth tris	es arbor- stis		Parij	atak		4	5	Small deci	duous fast growing tree, eautiful flowrers	
13 Lage	erstroe regir	emia flos- neae		Tan	ıhan	42		2	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers		
14 Murr	raya p	oaniculata		Ku	nti		4	2	Small tree Bu	Fragrant white flowers, tterfly host plant	
		orboroo		Shi	van	32		Fast grov	ving tree with beautiful		



16	Bauhinia	racemosa		Apta	4	6	S fle	mall tree with small white owers, Butterfly host plant
17	Bomba	x ceiba	Ka	ate sawar	4	2	Lai	rge deciduous tree. Flowers attract many birds.
18	Erythrin	a indica	1	Pangara	4	5	Me	edium sized deciduous tree. Bright scarlet flowers.
19	Butea mo	nosperma	Palas ,	/ Flame of the forest	me of the 42		Me Beau	edium sized deciduous tree. tiful orange flowers, Butterfly host plant
20	Caryota	a urens	Fis	h tail palm	4	6		Tall evergreen tree
21	Michelia o	champaca	S	on chafa	5	6	Me frag	edium sized evergreen tree, rant yellow flowers, Butterfly host plant
22	Putranjiva	roxburghii	P	utranjiva	4	8	M	edium sized evergreen tree
23	Anthoce cada	ephallus mba]	Kadamb	4	2	Shac grow	ly, large deciduous tree, fast- ing graceful tree, ball shaped flowers.
24	Alstonia	scholaris		Satwin	4	6	Shad	y, large evergreen Tree, white fragrant flowers
25	Murraya	a koengii	С	urry leaf	4	5		Butterfly host plant
45	5.Total quar	ntity of pla	nts on gr	round				
46.Nun	iber and	list of s	hrubs	and bushes	s species	to b	e plante	d in the podium RG:
Serial		Name		C/C Dista	nce			Area m2
Number 1	Vitov nor	undo - Niro	udi	-				_
2	Adhatoda	vasica - Adı	ilasa					
3	Plumbago	zeylanica - White		-				-
4	Ziziphus r	nauritiana -	Ber	-	-			-
5	Stachy	ytarpheta sp -		-	-			-
6	Cassia	tora - Takal	ora - Takala					-
7	Cassia aur	Cassia auriculata - Tarwad						-
8	Passiflora	Passiflora edulis- Krushna			-			-
				47.E	nerav			
		Source of supply :	power	MSEDCL				
		During Co Phase: (D Load)	onstruction and	on 500 kVA	500 kVA			
		DG set as back-up d construct	Power uring ion phase	e 500 kVA	500 kVA			
Dev	C V	During Oj phase (Co load):	peration nnected	19.5 MW				
requir	ement:	During Oj phase (De load):	peration mand	14.0 MW	14.0 MW			
		Transform	ner:	-				
		DG set as back-up d operation	Power uring phase:	10X225 kV	A, 5X315 kVA	A, 3X25	50 kVA	
		Fuel used	:	HSD				
	Details of high tension line passing through the plot if any:			ng f Yes, High T	Yes, High Tension line is passing through our plot.			
		48.En	ergy sa	wing by no	n-conven	tion	al metho	od:
Membe	datel N. Patil) Secretary	-						J Johny Joseph
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Efficient wa • Energy co Lift, Lobby, • Solar ligh • Solar Hot • Use of hig	all systems li onservation r and Passage ting on stree water system ph energy eff	ke solid bloc neasures tak es et and RG are m to building ficient pumps	ks with fly a cen by using ea, gs s for fire figl	sh content, low energy c nting, UG tan	consum iks and	ing fixtures like, L STP	ED lamps, LED in flats and LEDs in.	
		4	9.Detail	calculati	ons	& % of saving	g:	
Serial Number	Е	nergy Cons	ervation M	easures			Saving %	
1		Total E	nergy saving	js			21.26%	
2	Energy sa	ivings throug	gh renewable	e energy sou	rces		16.00%	
-		<u>50</u>	<u>.Details</u>	of pollut	ion c	ontrol Syste	ms	
NA	EX	isting pollu	NA	ol system		Pro	NA	
Budgetary	allocation	Canital co	st.	270 Lakh				
(Capital 0&M	cost and cost):	O & M cos	t:	14 lakh/yea	r			
51	.Enviro	onment	tal Mar	lageme	ent i	olan Budg	etary Allocation	
		a)	Constru	ction pha	nse (v	with Break-u	ip):	
Serial Number	Attri	butes	Para	meter		Total Cost p	er annum (Rs. In Lacs)	
1	Water spra suppr	ay for dust ession		-			10	
2	Site sanitation and Potable Water Supply to Labour -			-			15	
3	Enviror Monit	Environmental Monitoring		c the CPCB nes through Approved ies – Ambient PM, PM2.5, x, CO), Noise: y time and ht Time)			8	
4	Health ch first	neck-up & t aid					10	
5	Safety I Protective	Personal Equipment	(Helmets, Safety Shoes, Safety Belt, Goggles, Hand Gloves etc.)			25		
6	Traffic Ma	anagement	(Sign Boar at entry Parkin	ds, Persons exit and g area)		10		
7	Storm Manag	water Jement	(SWD al bound Sediment	long plot ary and ation Pits)			10	
8	Tyre clea Vehicle ma	aning and aintenance		-			5	
9	Safety Tr Workers Year), Saf	raining to (Twice in ety Officer		-			10	
10	Disinf	ection		-			5	
0.11		b) Operat	ion Phas	e (wi	th Break-up):	
Serial Number	Comp	onent	Descr	ription	Cap	Lacs	cost (Rs. in Lacs/yr)	
1	STP (T	ertiary)	Continuo	us O & M		600	120	
2	Solar He	ot Water	We	ekly		270	14	
3	Rain Water	Harvesting	During ra (Cleaning tanks and char	iny season g of RWH Filtration nber)		288	115	

(Br. E. N. Patil) Member Secretary SEAC (MMR)			J Johny Joseph
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4	Solio Compos	d waste sting plant	Continuo	us O & N	& M 173			17			
5	Lan	dscape	Da	nily		208		31			
6	Enviro Mon	onmental litoring	As per ti guideline MoEF A labora	he CPCB s throug pproved atories	h	-		8			
51.S	torage	e of ch	emicals	(infl sub	amabl stance	e/expl es)	osive/ha	zardou	s/toxic		
Descrij	ption	Status	Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumptio / Month in MT	ⁿ Source of Supply	Means of transportation		
NA	1	NA	NA		NA	NA	NA	NA	NA		
			52.A	ny Ot	her Info	ormation	1		*		
No Informa	tion Availal	ble									
			53.	Traffi	c Manag	gement					
		Nos. of the junction to the main road & design of confluence:		The pro from th	oposed proj le proposed	ect site is ac D.P. road.	ccessible by 6	0 m wide NH	3 also the entry		
		Number	Number and area of basement:				5				
		Number and area of podia:		NA							
		Total Pa	rking area:	12369.0	60 m2 (pha	se-II)					
		Area per	car:	12.50 m2							
		Area per	car:	12.50 m2							
Parking	details:	Number Wheeler approve compete authorit	of 2- s as d by ent y:	3624							
		Number Wheeler approve compete authorit	Number of 4- Wheelers as approved by competent authority		206						
		Public T	ransport:	NA							
		Width or roads (n	f all Internal 1):	15 m & 12 m wide							
		CRZ/ RR obtain, i	Z clearance f any:	NA							
	5	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries		NA							
		Categor schedule Notifica	y as per e of EIA tion sheet	8 (b)							
		Court ca if any	ses pending	NA							

	·						
	Other Relevant Informations	Obtained EC vide letter SEAC 2011/CR66/TC.2 dt. 21/10/2011 for Phase I of the project with total construction area of 69,717.83 m2.The SEIAA granted EC vide letter SEAC 2010/CR754/TC.2 dt. 13/10/2015 for Phase II of the project with total construction area of 1,48,539.87 m2As per the EC, as of now we have constructed 56,386.85 m2 of area. As per the New Government policy dt. 29.01.2016 with respect to additional TDR, our plot potential is increasing and hence this expansion. The plot area of proposed project is 2,04,160 m2, FSI area is 1,98,565.05 m2 and total construction area is 2,28,466.26 m2.					
	Have you previously submitted Application online on MOEF Website.	Yes					
	Date of online submission12-07-2016						
	Brief informa	tion of the project by SEAC					
PP, Mr. Kishor Naik & A M/s D.A Patil; Mahabal	Architect Mr. Ajay Wade v enviro engineers.	were present during the meeting along with environmental consultant					
PP stated that the proje received the EC vide da	ct is for expansion, as the ted 21/10/2011 for Phase	e Plot potential increases due to additional TDR. PP informed that project e-I comprising total build-up area 69,717.83 m ² & for Phase-II EC					
obtained vide letter dat	ed 13/10/2015 with total	construction area 1,48,539.87 m^2 . PP also informed that till date they					
have constructed 56,38	6.85 m^2 .						
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 2,04,160 sq. m &	total construction area of the project (FSI- 1,98,565.05 sq.mt + Non					
FSI- 29,901.21 sq.mt) is meeting held on 06.09.2 noted that the project is presentation & plans su	2,28,466.26 sq.mt. PP a 2016 for Terms of Refere s under 8a (B1) category bmitted are taken on the	lso stated that, the project was considered in 50 th SEAC II (Part A) nce and the EIA report has been prepared as per TOR issued. Committee of EIA Notification, 2006. Consolidated statements, form 1, 1A, record.					
	DE	CISION OF SEAC					
After deliberation, C subject to compliance	Committee decided to re e of following points.	ecommend the proposal for Environmental Clearance to SEIAA,					
Specific Conditions b	y SEAC:						
1) PP informed that, the 5 mg/lit and supported	e project is zero discharg	e project. PP to ensure that, BOD of the treated waste water is less than					
2) PP to submit detail la	andscape plan indicating	existing trees, trees to be cut, locations of proposed plantation, area					
3) PP to provide corpus	for maintenance of envir	trees in total. conmental infrastructure to the society.					
4) As stated by PP, Fire available fire engines to	station of JSW is 3 Km a their site in addition to	way. PP to make arrangement/agreement with JSW with regards to make proposed onsite fire station.					
5	FINAL	RECOMMENDATION					
SEAC-II have deci	ded to recommend the pr	oposal to SEIAA for Prior Environmental clearance subject to above conditions					
~							



SEAC Meeting No: 54 Meeting Date: July 4, 2017

SEAC Meeting number: 54 **Meeting Date** July 4, 2017

Subject: Environment Clearance for Environment clearance for Residential & Commercial project at Survey No. 22/1(PT), 22/3(PT), 23/11a (PT), 23/13A (PT) ,16/2(PT), Shahad - Mohane Road, Village Shahad, Kalyan (West) 421103 by M/s. Dharmu P. Budhwani (K.P. Developers) and 2 Others

General I	ntormatio	on:									
1.Name of P	roject	Residential & Commercial project at Survey No. 22/1(PT), 22/3(PT), 23/11a (PT), 23/13A (PT), 16/2(PT), Shahad - Mohane Road, Village Shahad, Kalyan (West) 421103 by M/s. Dharmu P. Budhwani (K.P. Developers) and 2 Others									
2.Type of ins	stitution		Private								
3.Name of P	roject Propo	nent	ent M/s. Dharmu P. Budhwani (K.P. Developers) and 2 Others								
4.Name of C	onsultant		M/s. Enviro Analysts And Engineers Pvt Ltd.								
5.Type of pro	oject		Housing Proj	ect							
6.New project/mod project/mod in existing p	w project/expansion in existing ect/modernization/diversification kisting project										
7.If expansion whether enveloped by has been obtained project	on/diversifica ironmental c tained for ex	ition, learance isting	Not applicable								
8.Location o	f the project		Survey No. 2 Village Shaha	2/1(PT), 22/3(PT), 23/11a (PT), 23/13A (PT) ad, Kalyan (West) 421103	,16/2(PT), Shahad - Mohane Road,						
9.Taluka			Kalyan								
10.Village			Shahad								
11.Area of the	ne project		Kalyan Domb	ivili Municipal Corporation (KDMC).							
			Yes								
12.IOD/IOA/ Approval Nu	Concession/I mber	Plan	IOD/IOA/Concession/Plan Approval Number: CC received under letter no. KDMC/NRV/BP/KV/2012-13/49/47 dtd: 9.5.2017								
			Approved Built-up Area: 60383.52								
13.Note on t applicable)	he initiated	work (If	Till dated total construction on site is 19,916.00 sq.m								
14.LOI / NO Other appro	C / IOD from vals (If appli	MHADA/ cable)	LOI received, Vide letter No. KDMC/NRV/766 dtd:28.04.2017								
15.Total Plo	t Area (sq. m	.)	18,520.00								
16.Deductio	ns		3896.00								
17.Net Plot	area		14624.00								
10.0		(FOL 0	a) FSI area (sq. m.): 31, 013.23								
18.Proposed Non-FSI)	Built-up Are	ea (FSI &	b) Non FSI area (sq. m.): 29, 370.29								
			c) Total BUA area (sq. m.): 60383.52								
19.Total gro	und coverage	e (m2)	2785.99								
20.Ground-c (Note: Perce to sky)	overage Percentage of plot	centage (%) t not open	19.05%								
21.Estimate	d cost of the	project	214000000								
	2	2.Numl	ber of l	ouildings & its config	guration						
Serial number	Buildin	ig Name & r	number	Number of floors	Height of the building (Mtrs)						
1	Bu	ildings A1 &	A2	St(P) + Gr(P) + 2P + 22 floors	71.40						
2	SY	B1, C1 & C2		St + P + 15 floors	48.60						
3		C3, C4		St + 7 floors	22.95						
4		C5 Gr+ 7 floors 23.40									
23.Number	r of d shops	Residential-	- 535 Nos.								
24.Number of expected residents / Residential users			l: 2675 nos. Commercial: 142 nos.								
25.Tenant per hectar	density e	382 tenant/	hector								
26.Height building(s)	of the										



27.Right of way (Width of the road from the nearest fire station to the proposed building(s)		30 m wide road										
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		Minimum 9.00 m										
29.Existing structure (J s) if any	Till dated to	Till dated total construction on site is 19,916.00 sq.m									
30.Details of the demolition with disposal (If applicable)		NA										
			31. P	roduct	ion 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	t						
		Source of	water	KDMC/Recy	vcled water							
		Fresh wate	er (CMD):	249)						
		Flushing (CMD):	152								
		Recycled w Gardening	vater - (CMD):	28								
		Swimming make up (pool C um):	NA								
Dry season	:	Total Wate Requireme	er ent (CMD)	429								
		Fire fighting - Underground water tank(CMD):		400								
		Fire fighting - Overhead water tank(CMD):		225								
		Excess trea	ated water	184								
		Source of	water	KDMC/RWH	H/ STP Treated water							
		Fresh wate	er (CMD):	249								
		Flushing (CMD):	152								
		Recycled w Gardening	vater - (CMD):	0								
	CY	Swimming make up (pool C um):	NA								
Wet seasor	1:	Total Wate Requireme	er ent (CMD)	401								
		Fire fightin Undergrou tank(CMD	ng - Ind water):	400								
		Fire fightin Overhead tank(CMD	ng - water):	225								
		Excess trea	ated water	211								
Details of S pool (If any	Swimming y)	NA										
		3	3.Detail	s of Tota	l water consumed							

(DF. B. N. Patil) Member Secretary SEAC (MMR)			J Johny Joseph
DR. B.N.Patil (Secretary SEAC-II)	SEAC Meeting No: 54 Meeting Date: July 4,	Page 67	Shri. Johny Joseph
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Particula rs	Cons	Consumption (CMD)			Loss (CMD))	Effluent (CMD)					
Water Require ment	Existing	Proposed Total		Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
		Level of th water table	e Ground e:	2 - 3 m								
			Size and no of RWH tank(s) and Quantity:									
		Location o tank(s):	f the RWH	NA								
34.Rain V	Vater	Quantity o pits:	f recharge	33117.33								
(RWH)	iy	Size of rec :	harge pits	6 nos.			C					
		Budgetary (Capital co	allocation ost) :	Rs. 1.5 Lak	h							
		Budgetary (0 & M cos	allocation st) :	Rs. 0.06 La	kh/annum							
		Details of if any :	UGT tanks	Domestic: 3 Flushing: 1 Fire fightin	365 52 g: 400	0	3					
		Natural wa drainage p	ater attern:	Towards east								
35.Storm drainage	water	Quantity o water:	f storm	19546.62 cum								
		Size of SW	D:	450 mm X 300 mm								
		Sewage ge in KLD:	neration	335								
		STP techno	ology:	MBBR								
Sourago	and	Capacity o (CMD):	f STP	183 KLD & 153 KLD								
Waste w	ater	Location & the STP:	area of	Ground leve	el, Area of ST	ГР: 165 sq.m	L					
		Budgetary (Capital co	allocation ost):	Rs. 70 lakhs								
		Budgetary (O & M cos	allocation st):	Rs. 7 lakhs/yr								
			36.Soli	d waste	e Mana	gemen	t					
Waste gen	eration in	Waste gen	eration:	Recyclable waste will be generated like empty cement bags & cans, scrap metal etc. Debris & construction waste shall be generated.								
and Constr phase:	ruction	Disposal or construction debris:	f the on waste	Recyclable waste like empty cement bags & empty paint cans shall be handed over to local vendors. Broken tiles shall be used for china mosaic of terrace. Scrap metals shall be sold to recyclers.								
		Dry waste:		546 Kg/day								
		Wet waste	•	828 Kg/day								
Waste ge	neration	Hazardous	waste:	NA								
in the op Phase:	eration	Biomedica applicable	l waste (If):	NA								
		STP Sludg sludge):	e (Dry	22 kg/day								
		Others if a	ny:	NA								

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	Dry waste:		Will be handed over to Local Recyclers.									
Mode of Disposal		Wet waste	:		Will be processed in the OWC. manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users							
		Hazardous waste:			NA							
of waste:		Biomedica applicable	l wast):	e (If	NA							
		STP Sludg sludge):	e (Dry	7	To be used as manure & replacement of saw dust for OWC							
		Others if a	ny:		NA							
		Location(s):		Ground leve	el						
Area requirem	ent:	Area for the stor of waste & other material:		rage	Total Area: 190 sq.m							
		Area for m	achin	ery:	Total Area: 190 sq.m							
Budgetary	allocation	Capital cos	st:		Rs. 14 Lakh	1					N .	
O&M cost)	st and	O & M cost:			Rs. 3.3 Lak	h/yr						
			3	7.Ef	fluent Cl	hare	cter	estics			J	
Serial Number	Paran	neters	Uı	nit	Inlet E Charect	ffluer teresti	it ics	Outlet Charect	Efflue: eresti	nt ics	Effluent discharge standards (MPCB)	
1	Not apj	plicable	N appli	ot cable	Not apj	plicabl	е	Not apj	plicabl	е	Not applicable	
Amount of effluent generation Not aj				Not applicable								
Capacity of the ETP: Not applic					applicable							
Amount of treated effluent Not applied					ot applicable							
Amount of v	vater send to	o the CETP:	Not a	pplica	ble							
Membershi	p of CETP (if	f require):	Not a	pplica	ble							
Note on ET	P technology	v to be used	Not a	lot applicable								
Disposal of	the ETP sluc	lge	Not a	Jot applicable								
			3	<u>8.Ha</u>	zardous	Was	ste D	etails				
Serial Number	Descr	iption	C	at	UOM	Exis	ting	Proposed	To	tal	Method of Disposal	
1	Not app	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	
			3	9.St	acks em	issio	n Do	etails				
Serial Number	Section	& units	Fı	iel Us Quai	ed with ntity	Stacl	k No.	Height from ground level (m)	Inte diam (n	rnal leter n)	Temp. of Exhaust Gases	
1	Not apj	plicable	Ν	lot apj	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	
	\sim		4).De	tails of F	uel	to be	e used				
Serial Number	Тур	e of Fuel			Existing			Proposed			Total	
1	Not	applicable		Ν	lot applicabl	е	N	lot applicabl	е		Not applicable	
41.Source of	of Fuel			Not a	pplicable							
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							

43.Green Belt Development		Total RG area :		2996 sq.m						
		No of trees	s to be cut	Nil						
		Number of be planted	trees to :	497						
		List of prop native tree	posed s :	As listed be	low					
		Timeline for completion of plantation :		At the end of construction phase						
	44.Nu	mber and	l list of t	rees spe	cies to b	e planteo	d in the ground			
Serial Number	Name of	the plant	Commo	n Name Quantity			Characteristics & ecological importance			
1	Spath campanul	nodea ata yellow	Yellow so	oathodea	13	34	Evergreen Tree			
2	Dillenia	a indica	Chu	ılta	15	50	ornamental tree			
3	Michelia	champaka	Sonc	chafa	7	4	Flowering Plant			
4	Lagers spec	troemia ciosa	Tam	ihan	10)5	Flowering Plant			
5	Cassia 1	renigera	Purple	Cassia	1	7	ornamental tree			
6	Pterosp acerif	oermum folium	Kanak o Karn	champa/ nikar	1	6	ornamental tree			
7	Catop! inoph	hyllum Iyllum	Sul Champa	tan /Surangi	2	1	Flowering plant			
8	Wodetia	bifurcata	Fox tai	il Palm	2	2	Shady tree			
9	Phoenix	sylvestris	Psuedo D	ate palm	8	3	Flowering plant			
45	Total qua	ntity of plan	ts on grou	nd						
46.Num	iber and	list of sr	irubs an	d busnes	s species	to be pla	anted in the podium RG:			
Serial Number		Name		C/C Dista	C/C Distance Area m2					
1		NA		NA NA						
				47.E	nergy					
		supply :	power	MSEDCL						
		During Construction Phase: (Demand Load)		100 KW						
		DG set as Power back-up during construction phase		125 KVA						
Dot		During Op phase (Cor load):	During Operation phase (Connected load):		1787.78 KW					
require	ement:	During Op phase (Der load):	eration nand	1609.00 KW						
		Transform	er:	2 nos. of tra	ansfromer					
		DG set as I back-up du operation	Power Iring phase:	1 X 140 KV	A & 1 X 200	KVA				
		Fuel used:		HSD						
		Details of l tension lin through th any:	high e passing e plot if	NA						
	48.Energy saving by non-conventional method:									
Road/Lands Lobby & sta Solar Hot W	Road/Landscape - Solar Lighting Lobby & staircase - LED lights Solar Hot Water system									

Jatel -	
(DF. B. N. Patil)	
Member Secretary	
SEAC (MMR)	
DR. B.N.Patil (Secretary	
SEAC-II)	

		Z	49.Detail	calcu	latio	ons (& % of sa	avin	g:				
Serial Number	Energy Conservation Measures					Saving %							
1		Total ener	gy saving: 16	.22 %		Total energy saving: 16.22 %							
50.Details of pollution control Systems													
Source	Ex	isting poll	ution contro	l syster	n			Pro	posed to	be installe	ed		
Not applicable		No	t applicable						Not ap	plicable			
Budgetary	allocation	Capital c	ost:	Rs. 110) lakh	kh							
O&M	cost and cost):	0 & M co	st:	Rs. 55	lakhs/	s/yr							
51	51.Environmental Management plan Budgetary Allocation												
a) Construction phase (with Break-up):													
Serial Number	Attri	butes	Parar	neter			Total (Cost p	er annu	m (Rs. In I	.acs)		
1	А	ir	Water f Suppr	or Dust ession					2.00		7		
2	EI	HS	Site Sa	nitation					2.00				
3	Enviror Monit	nmental toring	Enviror Monit	nmental coring					6.00				
4	Eł	HS	Disinf	ection		1.5							
5	EHS Health Check U					1.5							
b) Operation Phase (with Break-up):													
Serial Number	Comp	onent	Descr	iption		Capital cost Rs. In LacsOperational and Maintenance cost (Rs. in Lacs/yr)							
1	Water Env	vironment	SI	ГР		70			7				
2	Water En	vironment	RWH s	system			1.5		0.06				
3	Ene	ergy	Solar S	System			110		55				
4	Solid Manag	Waste Jement	OV	VC			14		3.3				
5	Land Env	rironment	Lands	caping			77.9			15.5			
51.5	torage	of che	emicals	(int sub	am	abl nce	e/explo es)	OSÍV	/e/haz	zardou	s/toxic		
							Maximum Quantity						
Descri	Description Status		Location	Location		rage acity MT	V Storage / M v at any point of time in MT		umption onth in MT	Source of Supply	Means of transportation		
Not app	ot applicable Not applicable Not applicable			able	N appli	lot icable	Not applicable	Not a	pplicable	Not applicable	Not applicable		
			52.A	ny Ot	her	Info	rmation	l					
No Informa	tion Availabl	e											
			53.	Γraffi	<u>c</u> M	ana	jement						
Nos. of the junction to the main road & design of confluence: The project site is accessible through the existing 20 m wide DP road.								vide DP road.					



	Number and area of basement:	Nil
	Number and area of podia:	Area: 6444 sq.m
	Total Parking area:	4567.20 sq.m
	Area per car:	16 sq.mt
	Area per car:	16 sq.mt
Parking details:	Number of 2- Wheelers as approved by competent authority:	285 nos.
	Number of 4- Wheelers as approved by competent authority:	285 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 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	Schedule 8(a), category B
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	30-09-2016
	Brief informa	tion of the project by SEAC
PP, Mr. Sunil Patil & Ar M/s Enviro Analysis & F	chitect Mr. Satish Kanad Engineers.	e were present during the meeting along with environmental consultant

PP stated that the original plot potential was 19,916 Sq.m. Now, PP has plan to upload the TDR potential on the project and hence the expansion. PP informed that, total plot area is 18,520.00 sq.mt & total construction area of the project (FSI- 31,013.23 sq.mt + Non FSI- 29, 370.29 sq.mt) is 60, 383.52 sq.mt. PP also informed that till date they have constructed 19,916.00 sqm.

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

DECISION OF SEAC



SEAC Meeting No: 54 Meeting Date: July 4, 2017
In view of above, the proposal is recommended and shall be considered further after the compliance of above observations submitted for reconsideration.

Specific Conditions by SEAC:

PP has not shown the plan approval, only a LOI has been produced with conditions about calculation of plot potential on the basis of loading TDR. Hence, PP to submit approved plans to SEIAA.
 PP to ensure renewable energy should be 16% of total energy demand.

are having access to fire tender by adopting appropriate measures/ changes in the plan or also explore possibility of reducing width of the podium. Similar possibility should also be ascertained for other wings.

FINAL RECOMMENDATION

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

DR. B.N.Patil) SEAC-II)

forh

54th SEAC-II Meeting Day-2 (4/7/2017)SEAC Meeting number: 54 Meeting Date July 4, 2017

Subject: En	nvironment (Clearance for	Environme	nt Clearance for Application for Expa	nsion in Project			
General l	nformatio	on:						
1.Name of P	roject	st "Sukoon Heights" a Residential and Commercial Project on Plot bearing S. No. 36/4, 37/1, at Village, Kausa, Thane, Maharashtra						
2.Type of ins	stitution		Private					
3.Name of P	roject Propo	nent	Mr. Faiyaz Isi	mail Virani				
4.Name of C	onsultant		Mahabal Envi	iro Engineers Ltd. Thane, Maharashtra				
5.Type of pro	oject		Residential cu	um commercial project				
6.New project/mode in existing p	ct/expansion ernization/di roject	in existing versification	Expansion in	Existing project				
7.If expansion whether enveloped by has been obten project	on/diversifica ironmental c tained for exi	ition, learance isting	We have received the Environment Clearance From File No. SEAC-2013/CR-320/TC-1 dated 4th September, 2014					
8.Location o	f the project		On plot bearing	ng S. No. 36/4, 37/1, Village Kausa, Thane				
9.Taluka			Thane					
10.Village			Kausa					
11.Area of the	ne project		Thane Munici	ipal Corporation				
12 100/104/	О /Т	N	C.C. No. TMC	C/TDD/1855/16 Dated: 24.06.2016				
Approval Nu	Concession/F mber	lan	IOD/IOA/Con	ncession/Plan Approval Number: -				
			Approved Bu	uilt-up Area: 66037				
13.Note on t applicable)	13.Note on the initiated work (If applicable)			ructed construction of Building Nos. 1,2 & .12 m2, Building No. 4 upto 18th floor cor 5 & 6 upto 6th floor constituting area of a	à 3 upto 17th floor constituting area of stituting area of about 7879.87 m2, bout 4,144.14 m2			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)Not			Not Applicable					
15.Total Plot Area (sq. m.) 15,050 sq			15,050 sq. mt					
16.Deductions 5,130.5			5,130.53 sq. 1	mt.				
17.Net Plot area			9,919.47 sq. 1	mt.				
18 Proposed	Built-un Arc	a (FSI &	a) FSI area ((sq. m.): 22,705.08 sq. mt				
Non-FSI)	Dunt-up Are	a (151 a	b) Non FSI a	area (sq. m.): 43,331.59 sq. mt.				
			c) Total BUA area (sq. m.): 66,036.67 sq. mt					
19.Total gro	und coverage	e (m2)	Total plinth area is 5,718 sq. mt					
20.Ground-c (Note: Perce to sky)	overage Percentage of plot	centage (%) t not open	49%					
21.Estimate	d cost of the	project	33000000					
	2	2.Num	per of h	ouildings & its confi	guration			
Serial	Duildin	a Nama Sa	umbor	Number of floors	Height of the building (Mtre)			
number	Dullull	ly Name & I	lumper	Number of moors	neight of the building (MUS)			
1		Residential 1		Stilt + 17 floors	55 mt			
2		Residential 2		Stilt + 17 floors	55 mt			
3		Residential 3		Stilt + 17 floors	55 mt			
4		Residential 4		Stilt + 18 floors	54.50 mt			
5	Residential 5			Stilt + Podium + 6 floors	23.90 mt			
6	Residential 6			Stilt + Podium + 6 floors	23.90 mt			
7	7 Club House			At podium level	10.8 mt			
22 Numbo	r of	01400 1104000		nii poutum tovot	10.0 m			
tenants an	d shops	Residential	: 489 nos of	tenements, Club house 31 nos of ten	ements			
24.Number expected rusers	esidents /	2,476 Nos.						
25.Tenant per hectar	density e	493/h						
26.Height of the building(s)								

(BF. B. N. Patil) Member Secretary SEAC (MMR)			J Johny Joseph
DR. B.N.Patil (Secretary	SEAC Meeting No: 54 Meeting Date: July 4,	Page 74	Shri. Johny Joseph
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27.Right of (Width of t from the n station to t proposed b	f way the road earest fire the ouilding(s)	30 mt. Wide	e D. P. Road					
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation		9 mt.						
29.Existing structure (J s) if any	We had con sq. mt., Buil Constituting	structed con Iding No 4 co g area of abo	struction of onstituting a out 4,144.14	Building Nos 1, 2 & 3 con rea of about 7879.87 sq. sq. mt.	nstituting area of about 21.537.12 mt. and Building No 5 & 6		
30.Details demolition disposal (I applicable)	of the with f	Not Applica	Not Applicable					
			31. P	roduct	tion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not app	plicable	Not app	plicable	Not applicable	Not applicable		
		3	2.Tota	I Wate	r Requiremen	t		
		Source of v	water	Thane Mun	icipal Corporation			
		Fresh wate	er (CMD):	222				
		Recycled w Flushing (vater - CMD):	131				
		Recycled water - Gardening (CMD):		18				
		Swimming pool make up (Cum):		Not Applica	able			
Dry season	1:	Total Water Requirement (CMD) :		331				
		Fire fighting - Underground water tank(CMD):		300				
		Fire fighting - Overhead water tank(CMD):		Not Applica	ble			
		Excess trea	ated water	152				
		Source of	water	Thane Municipal Corporation				
		Fresh wate	er (CMD):	222				
		Recycled w Flushing (vater - CMD):	131				
			vater - (CMD):	9				
Wet season:		Swimming make up ((pool Cum):	Not Applicable				
		Total Wate Requireme :	er ent (CMD)	331				
		Fire fightin Undergrou tank(CMD)	ng - Ind water):	300				
		Fire fightin Overhead tank(CMD)	ng - water):	Not Applica	able			
		Excess trea	ated water	161				
Details of 9 pool (If any	Swimming y)	Not Applica	ble					

(BF. B. N. Patil) Member Secretary SEAC (MMR)
DR. B.N.Patil (Secretary
SEAC-II)

33.Details of Total water consumed											
Particula rs	Cons	sumption (C	MD)	Loss (CMD)			Effluent (CMD)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
		Level of th water table	e Ground e:	6 meters							
		Size and no tank(s) and Quantity:	o of RWH d	Not Applica	ble						
		Location of tank(s):	f the RWH	Not Applica	ble						
34.Rain V	Vater	Quantity o pits:	f recharge	3 Nos.							
(RWH)	19	Size of rec	harge pits	3 m x 5 m d	lepth			3			
		Budgetary (Capital co	allocation st) :	Rs.12 Lakh	S		N				
		Budgetary (O & M cos	allocation st) :	Rs.0.5 Lakh	IS		5				
		Details of UGT tanks if any :		1. Domestic 2. Flushing 3. Fire UG	uG tank cap UG tank cap ank capacity	pacity : 370 : acity : 135 r 7 : 300 m3	m3 n3				
		•									
		Natural wa drainage p	iter attern:	Natural topography and slope of the plot							
35.Storm drainage	water	Quantity o water:	f storm	3.94 m3/sec							
		Size of SW	D:	0.45 m x 0.6 m							
				$\Delta \mathbf{Y}$							
		Sewage ge in KLD:	neration	298							
		STP technology:		Moving Bed Bio Reactor (MBBR)							
Sewage	and	Capacity of STP (CMD):		1 Nos of STP having capacity 300 m3/day							
Waste w	ater	Location & the STP:	area of	On ground							
		Budgetary (Capital co	allocation st):	Rs.48 Lakhs							
		Budgetary (O & M cos	allocation st):	Rs.5.0 Lakhs							
	\sim		<u> 86.Soli</u>	d waste	e Mana	gemen	t				
Waste gen	eration in	Waste gen	eration:	1,423 kg/da	y						
the Pre Co and Constr phase:	nstruction ruction	Disposal of construction debris:	f the on waste	Debris generated will be sent to the authorized debris disposal site as per							
		Dry waste:		737 kg/day							
		Wet waste		491 kg/day							
Waste go	noration	Hazardous	waste:	Not Applica	ble						
in the op Phase:	eration	Biomedica applicable	l waste (If):	Not Applica	ble						
		STP Sludge sludge):	e (Dry	3 kg/day							
		Others if a	ny:	Not Applica	Not Applicable						

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		Dry waste:			Dry waste v	will be	segre	gated & disp	osed o	Dry waste will be segregated & disposed off to recyclers				
		Wet waste			Wet waste landscaping	will be J	comp	osted and us	ed as o	organi	c manure for			
Mada of Dispasal		Hazardous waste:		Not Applica	Not Applicable									
of waste:	Disposai	Biomedica applicable	l wast):	te (If	Not Applicable									
		STP Sludg sludge):	e (Dry	7	Dry sludge inside the p	can be premise	e used e	as manure fo	or plan	itation	& gardening purpose			
		Others if a	ny:	Not Applicable										
		Location(s):		On Ground									
Area requirem	ent:	Area for th of waste & material:	e stor other	r age	10 sq. mt.									
		Area for m	achin	ery:	2 sq. mt.									
Budgetary	allocation	Capital cos	st:		Rs.10 Lakh	S								
O&M cost)	st and	0 & M cos	t:		Rs.0.4 Lakh	IS								
			3	7.Ef	fluent C	hare	cter	estics						
Serial Number	Parameters Uni			nit	Inlet E Charect	ffluer teresti	it .cs	Outlet I Charect	Efflue: eresti	nt cs	Effluent discharge standards (MPCB)			
1	Not applicable Not applicab			ot cable	Not ap	plicabl	е	Not apj	plicabl	e	Not applicable			
Amount of effluent generation Not ap				lot applicable										
Capacity of the ETP: Not applic				pplica	ble									
Amount of t recycled :	reated efflue	ent	Not a	t applicable										
Amount of v	vater send to	o the CETP:	Not a	pplica	ble									
Membershi	p of CETP (if	f require):	Not a	pplica	ble									
Note on ET	P technology	v to be used	Not a	pplica	ble									
Disposal of	the ETP sluc	lge	Not a	ot applicable										
			3	8.H a	zardous	Was	te D	etails						
Serial Number	Descr	iption	Ca	at	UOM	Exis	ting	Proposed	To	tal	Method of Disposal			
1	Not apj	plicable	N appli	ot cable	Not applicable	N appli	ot cable	Not applicable	No applio	ot cable	Not applicable			
			3	89.St	acks em	issio	n D	etails						
Serial Number	erial umber Section & units Fue		iel Us Qua	ed with ntity	Stacl	« No.	Height from ground level (m)	Inte diam (n	rnal eter 1)	Temp. of Exhaust Gases				
1	1 Not applicable Not ap			lot apj	plicable	N appli	ot cable	Not applicable	Ne applie	ot cable	Not applicable			
			40	D.De	tails of F	uel	to be	e used						
Serial Number	Тур	e of Fuel			Existing			Proposed			Total			
1	Not	applicable		Ν	lot applicabl	e	N	Not applicabl	е		Not applicable			
41.Source of	of Fuel			Not a	pplicable									
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable									



Total RG area :		rea :	3,680 sq. mt. (16%)					
		No of trees	to be cut	Not Applica	lble			
43.Green Belt Development		Number of trees to be planted :		225 Nos.				
		List of prop native trees	posed s :	225 Nos				
		Timeline for completion plantation	or of :	-				
	44.Nu	mber and	list of t	rees spe	cies to b	e plante	d in the ground	
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance	
1	Azadirac	hta indica	Ne	em	2	0	Medicinal Plant	
2	Albizza	lebbek	Shi	rish	1	5	Medicinal Plant	
3	Alstonia	scholaris	Sapta	aparn	34	4	Evergreen Tree	
4	Bauhinea	purpurea	Kan	chan	1	1	Flower bearing tree	
5	Erythrir	na indica	Pan	gara	2	0	Medicinal Tree	
6	Peltop ferrug	horum Jineum	Copper j	pod Tree	3	5	Flower bearing evergreen tree	
7	Cassia	fistula	Golden Sh	ower Tree	1	5	Flower bearing tree	
8	Lagestrom	ia speciosa	Flos R	eginae	2	1	Flower bearing tree	
9	Butea mo	nosperma	Pa	las	2	6	Flower bearing tree	
10	Terminal	ia cuniata	Arj	jun	3		Evergreen Tree	
11	Acacia	catechu	Ka	hir	2	0	Evergreen Shrub	
12	Mimosur	os elengii	Ba	kul	3	5	Medicinal Plant	
45	5.Total qua	ntity of plan	ts on grou	nd				
46.Nun	ıber and	list of sh	rubs an	<u>d bushes</u>	species	to be pla	anted in the podium RG:	
Serial Number		Name		C/C Distance Area m2				
1	Not	Applicable		Not Applicable Not Applicable				
				47.E 1	nergy			
		Source of p supply :	oower	Maharashtra State Electricity Distribution Co. Ltd				
		During Cor Phase: (Der Load)	nstruction mand	1,555 kVA				
		DG set as F back-up du constructio	Power ring on phase	4 Nos x 50	kVA			
Power requirement: During Operation phase (Connected load): During Operation phase (Demand load): Transformer: DG set as Power back-up during operation phase:		During Ope phase (Con load):	eration inected	-				
		eration nand	-					
		Transforme	er:	-				
		DG set as F back-up du operation p	Power ring phase:	-				
		Fuel used:		As per requ	irement			
Details of high tension line passing through the plot if any:		nigh e passing e plot if	Not Applica	ble				
		48.Ene	rgy savi	ng by no	n-conven	tional m	ethod:	

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Use of energy efficient, BEE labeled electrical fixtures, solar powered lighting in external common area.

 2. Energy efficient Light Emitting Diode (LED) lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. of fixtures
 3. Solar Electrical Power + LED lighting is complimentary in Residential as in day time, it is used effectively in night time in Common areas like staircase area lighting 4. Calculation & % of saving: 5% **49.Detail calculations & % of saving:** Serial **Energy Conservation Measures** Saving % Number 1 50.Details of pollution control Systems Proposed to be installed **Existing pollution control system** Source Not Not applicable Not applicable applicable Budgetary allocation (Capital cost and **Capital cost:** Rs.4.5 Lakhs Rs.0.24 Lakhs O & M cost: **Ô&M cost):** .Environmental Management plan Budgetary Allocation 51 a) Construction phase (with Break-up): Serial Total Cost per annum (Rs. In Lacs) Attributes **Parameter** Number pH, Colour, odour, Water For Dust Turbidity, Total 1 1.5 Suppression Hardness, Metals Air & Noise 2 SPM, SO2, NO2 1.8 monitoring 3 Soil erosion control Water spray on ground 0.8 pH, Colour, Odour, turbidity, Total hardness, metals 4 Water monitoring 1.6Disinfection 5 Site Sanitation 1.8 6 Gardening Set up Soil and Water _ **Disinfection-Pest** 7 Disinfection 0.9 Control 8 First Aid Facilities First Aid Box 0.1 9 Health Check Up Weekly 0.1 Training and Daily 10 0.02 awareness Safety jacket, Safety Personal Protective 11 0.2 shoes, Helmet, Gloves Equipments Construction and 12 Modular STP 2.5maintenance 13 labour hutments CFL **Operation Phase (with Break-up):** b) Capital cost Rs. In **Operational and Maintenance** Serial Component Description Number cost (Rs. in Lacs/yr) Lacs Sewage Treatment STP plant having 48 1 5.0Plant capacity Construction and 2 Water Treatment Plant 12 0.5 maintenance Landscape 3 RG area 11 0.9 Development Solid Waste 4 Composting 10 0.4 Composting Channelizing and 5 Rain water harvesting maintenance of 12 0.5 drainage line Fire extinguisher and 6 Fire Fighting 3.2 0.35 sand bucket



7	Energy C	onservatior	n Solar panel	ls and LEDq 4.5 0			0.24).24				
8	Enviro Mor	onmental litoring	Air, Wate Noise m	er, Soil and 0.35			0.12					
51.	Storage	e of ch	emicals	(infla	amabl	e/expl	osiv	e/haz	zardou	s/toxic		
Description Status		Locatio	n	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Const / Mo	umption onth in MT	Source of Supply	Means of transportation			
Not ap	plicable	Not applicable	Not applica	able	Not applicable	Not	Not aj	pplicable	Not applicable	Not applicable		
		-pp	52.A	ny Otł	ner Info	rmation	1					
No Inform	ation Availa	ble										
		_	53.	Traffic	c Manag	gement						
		Nos. of t to the m design o confluer	he junction ain road & f ace:	30 m &	30 m wide	D.P. Road			9 ×			
		basemer	anu area or nt:	Not App	olicable		C					
		Number podia:	and area of	2 Nos co	onstituting	total area 6	5,348 s	q. mt				
		Total Pa	rking area:	Stilt (1,960 m2) + Podium (6,348 m2) + Open (483 m2) = 8,791 sq. mt								
			Area per car:		q.mt							
		Area per	car:	12.20 Sq.mt								
Parkin	g details:	Wheeler approve compete authorit	s as d by nt y:	515 Nos								
		Number Wheeler approve compete authorit	of 4- s as d by nt y:	354 Nos								
		Public T	ransport:	Not Applicable								
		Width of roads (n	f all Internal n):	6 meters								
		CRZ/ RR obtain, i	Z clearance f any:	Not App	olicable							
	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 ca if any	ses pending	Not App	olicable							
		Other Ro Informa	elevant tions	1. We are applying for Expansion in Proposed Residential cum Commercial project "Sukoon Heights" at village: Kausa, Thane, Maharashtra.2. We have submitted the form 1 and 1A on MoEF having proposal No. SIA/MH/NCP/59778/2016. and generated Acceptance File no as No. F. No. SEIAA/2017/II/CR-81/TC-3								
		Have you submitte Applicat on MOE	ı previously ed ion online F Website.	Yes								

enter AL Patil) Member Secretary Seccomme			J Johny Joseph
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 Date of online submission	07-03-2017
Brief informa	tion of the project by SEAC

Representative of PP, Ms. Saima Virani was present during the meeting along with environmental consultant M/s Mahabal enviro engineers Pvt.Ltd.

PP stated that the project is for expansion. PP informed that project received the EC vide dated 4th September 2014 with total plot area 15,050.00 m2 which comprising total build-up area 38,071.00m². PP informed that till date they have

constructed 33,561 m^2 of area. PP also informed that two buildings received the OC & application for 3rd building was submitted to local body. 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 15,050.00 sq. mt & total construction area of the project (FSI- 22,705.08 sq.mt + Non FSI- 20,626.51 sq.mt) is 43,331.59 sq.mt. 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

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

Specific Conditions by SEAC:

PP to submit performance of existing STP and MSW facility.
 PP to ensure that the renewable energy should be 11% of total energy demand.
 PP to submit evacuation time calculations.

FINAL RECOMMENDATION

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



forh

54th SEAC-II Meeting Day-2 (4/7/2017)SEAC Meeting number: 54 Meeting Date July 4, 2017

Subject: Er Palghar, Ma	nvironment Clearance for Narashtra	r Proposed E	xpansion in Residential and commer	cial Project at Village Walve, District							
General I	nformation:										
1.Name of P	Project Narang Urbane Housing Forum with Group Housing Scheme										
2.Type of ins	stitution	Private									
3.Name of P	roject Proponent	Yamuna Realty Pvt. Ltd.									
4.Name of C	onsultant	Mahabal Enviro Engineers Pvt. Ltd. Thane, Maharahstra									
5.Type of pro	oject	Housing Proj	ect								
6.New project project/mode in existing p	ct/expansion in existing ernization/diversification roject	Expansion in	existing Project								
7.If expansion whether environment has been obto project	on/diversification, ironmental clearance tained for existing	wersification, mental clearance ed for existing We had Received Environmental Clearance file no. SEAC-2012/CR.542/TC-2 on dated 11th December 2014									
8.Location o	f the project	Survey no 29 Palghar Maha	/1, 30, 31, 32, 33, 34, 35, 36, 37, 38/1, 39 arashtra	, 42 at village Walve, Taluka and District							
9.Taluka		Palghar									
10.Village		Walve									
11.Area of th	ne project	Town Plannin	ng Palghar								
		N.A. permissi	ion received from Tehsildar Palghar dated	02/04/2012							
12.IOD/IOA/ Approval Nu	Concession/Plan mber	IOD/IOA/Co 02/04/2012	ncession/Plan Approval Number: N.A.	file no. 2/N.N.P/S.R./12/2011 on dated							
10.11		Approved B	uilt-up Area: 227980								
13.Note on t applicable)	he initiated work (If	Yes , We had received Environment Clearance on dated 11th December 2014. As per EC reference we started work on site. 15 Bungalows are under construction									
14.LOI / NOC Other approv	C / IOD from MHADA/ vals (If applicable)	Not Applicable									
15.Total Plot	2,06,140										
16.Deduction	uctions 1,030										
17.Net Plot a	area	2,05,110									
18.Proposed	Built-up Area (FSI &	a) FSI area	(sq. m.): 1,93,362								
Non-FŜI)	± `	c) Total BUA area (sq. m.): 2.14.942									
10 Total area	und covorago (m?)	56.957									
20.Ground-c (Note: Perce to sky)	overage Percentage (%) entage of plot not open	28									
21.Estimated	d cost of the project	390000000									
	22.Num	her of huildings & its configuration									
Serial											
number	Building Name & I	number	Number of floors	Height of the building (Mtrs)							
1	TWIN BLOCK	< Comparison of the second sec	Gr +1 FLOOR	6.75							
2	ZINC BLOCK typ	e PB	Gr +2 FLOOR	9.45							
3	EMERGE BLO	CK	Gr + 4 floor	14.85							
4	SUPER BLOC	K	Gr + 4 floor	14.85							
5	FARM BLOCH	ζ	Gr + 4 floor	14.85							
6	ENERGY BLOO	CK	Gr + 4 floor	14.85							
7	LENS BLOCK	ζ	Gr + 4 floor	14.85							
8	SCHOOL	•	Gr + 3 Floor	15							
0	FIRST AID CLINIC stilt ± 2 floor 14.10										
9	FIRST AID ULINIU Still + 3 floor 14.10										
10		INTER	Gr + 2 1100r	11./3							
11	COMMUNITY CE	NIEK	Ground floor	4.10							
12	CLUB HOUS		Gr + 1floor	8.85							
13	SHOPS		Ground floor	4.50							
14	ZINC BLOCK typ	be A	Gr+ 1 floor	6.45							

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15	ZIN	C BLOCK typ	be A		Gr+ 1 floor	6.45				
23.Number tenants an	r of d shops	Bungalows Shop:67	+ flats : 343	+ 2,575						
24.Number expected r users	r of esidents /	17,568 nos.	7,568 nos.							
25.Tenant per hectar	density e	149/ha								
26.Height building(s	of the									
27.Right of (Width of the from the most of the station to proposed here the station to the stati	f way the road earest fire the ouilding(s)	15 m D.P. ro	5 m D.P. road and Internal roads : 15m, 12m & 9m							
28.Turning for easy ac fire tender movement around the excluding for the pla	y radius cess of from all building the width ntation	7.1 m and 9	7.1 m and 9.5 m							
29.Existing structure	J s) if any	No				0				
30.Details demolition disposal (I applicable	of the with f	Not Applica	ble							
			31. P	roduct	ion Details					
Serial Number	Proc	duct	Existing	r (MT/M) Proposed (MT/M) Total (MT/M)						
1	Not app	plicable Not app		plicable Not applicable Not applicable						
		32.Total Water Requirement								
		Source of v	water	Surya River						
		Fresh wate	er (CMD):	2,174						
		Recycled w Flushing (vater - CMD):	1,047						
Dry season:		Recycled w Gardening	vater - (CMD):	125						
		Swimming make up (0	pool Cum):	Not Applicable						
		Total Water Requirement (CMD) :		3,174						
		Fire fightin Undergrou tank(CMD)	ng - nd water):	Not Applicable						
	SY	Fire fightin Overhead tank(CMD)	ng - water):	Not Applica	ble					
		Excess trea	ated water	604						



		Source of water		Curro Dirror	-							
		Freeh water (CMD):		2 174								
		Fresh wate		2,1/4								
		Flushing (ater - CMD):	1,047								
		Recycled w Gardening	ater - (CMD):	73								
		Swimming make up ((pool Cum):	Not Applica	able							
Wet seaso	n:	Total Wate Requireme :	er ent (CMD)	3,174								
		Fire fighting - Underground water tank(CMD):		Not Applica	ible							
		Fire fighting - Overhead water tank(CMD):		Not Applica	ible			\checkmark				
		Excess trea	ated water	655								
Details of pool (If an	Swimming y)	Not Applica	ble					5				
	-	3	3.Detail	s of Tota	l water o	onsume	d					
Particula rs	Cons	sumption (C	MD)		Loss (CMD)		Ef	fluent (CM	D)			
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
		-		-								
		Level of the Ground water table:		2.5 m to 3.0 m								
		Size and no of RWH tank(s) and Quantity:		20 nos. of Holding tanks having variable sizes and total quantity is 1,717 m3 $$								
		Location of the RWH tank(s):		Below the ground level								
		Quantity of recharge pits:		20 nos.								
34.Rain	Vater	Size of recharge pits		Size of surface recharge pit is $1m * 1m * 2m$ and Size of terrace recharge pit is $1m * 1m * 2.4m$								
(RWH)	iy	Budgetary (Capital co	allocation st) :	Rs.38 Lakh								
		Budgetary (O & M cos	allocation st) :	Rs.4 Lakh/year								
	S	Details of UGT tanks if any :		Under ground water tank capacity - 84 m3 each Super Block * 8 nos tank Emerge Block * 7 nos tank Lens Block * 5 nos tank Amenity Block * 1 nos tank Farm Block * 1 nos tank Energy Block * 3 nos tank								
		Natural wa drainage p	iter attern:	Along the roadside								
35.Storm drainage	water	Quantity o water:	f storm	5.7261 m3/	sec							
		Size of SW	D:	100/150 mr	n dia. pipe o	r 1.25m*1.1r	n channel siz	ze				

in KLD: 1,830 STP technology: SBR technology							
STP technology: SBR technology							
Sewage and Capacity of STP (CMD): Variable STP's from size STP 1 -55 m3/day , STP 2 -131 m3/d -162 m3/day ,STP 4 -234 m3/day ,STP 5 -242 m3/day ,STP 6 - ,STP 7 -702 m3/day ,	Variable STP's from size STP 1 -55 m3/day , STP 2 -131 m3/day , STP 3 -162 m3/day ,STP 4 -234 m3/day ,STP 5 -242 m3/day ,STP 6 -483m3/day ,STP 7 -702 m3/day ,						
Waste water Location & area of the STP: Above Ground level	Above Ground level						
Budgetary allocation (Capital cost): Rs.300 Lakh	Rs.300 Lakh						
Budgetary allocation (O & M cost): Rs.3 Lakh/year							
36.Solid waste Management							
Waste generation in Waste generation: 1,36,697 m3 (Excavation and top soil)							
the Pre Construction and Construction phase:Disposal of the construction waste debris:Used for back filling and landscape							
Dry waste: 1,670 kg/day							
Wet waste: 3,037 kg/day							
Hazardous waste: Not Applicable							
Waste generation in the operation Phase:Biomedical waste (If applicable):Non-infectious waste - 21.25 kg/day, Infectious but not hazar 	dous - 2.25						
STP Sludge (Dry sludge):18 kg/day							
Others if any: Not Applicable	Not Applicable						
Dry waste: Dry garbage will be segregated and disposal of the recyclers	Dry garbage will be segregated and disposal of the recyclers						
Wet waste:Wet garbage will be composted and used as organic manure landscaping	Wet garbage will be composted and used as organic manure for landscaping						
Mode of Dispesal Hazardous waste: Not Applicable	Not Applicable						
of waste: Biomedical waste (If applicable): Biomedical waste will be sent to biomedical waste disposal of	Biomedical waste will be sent to biomedical waste disposal centre						
STP Sludge (Dry sludge):Used as manure	Used as manure						
Others if any: Not Applicable	licable						
Location(s): on ground	on ground						
Area requirement: Area for the storage of waste & other material: 507 sq.mt	507 sq.mt						
Area for machinery: 70 sq.mt	70 sq.mt						
Budgetary allocation Capital cost: Rs.100 Lakh							
O&M cost: Rs.1.5 Lakh							
37.Effluent Charecterestics							
Serial NumberParametersUnitInlet Effluent CharecteresticsOutlet Effluent CharecteresticsEffluent standard	discharge s (MPCB)						
1 Not applicable Not applicable Not applicable Not applicable Not applicable	plicable						
Amount of effluent generation (CMD): Not applicable							
Capacity of the ETP: Not applicable							
Amount of treated effluent not applicable Not applicable							
Amount of water send to the CETP: Not applicable							
Membership of CETP (if require): Not applicable							
Note on ETP technology to be used Not applicable							
Disposal of the ETP sludge Not applicable	able						

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Serial Number	Descr	iption	Cat		UOM	Existing		Proposed	Total	Method of Disposal	
1	Not apj	plicable No applic		ot cable	Not applicable	N appli	ot cable	Not applicable	Not applicable	Not applicable	
39.Stacks emission Details											
Serial Number	Section	& units	Fu	Fuel Used with Quantity		Stack No.		Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not apj	plicable	Ν	lot app	plicable	N appli	ot cable	Not applicable	Not applicable	Not applicable	
			4	0.De	tails of F	uel t	to b	e used			
Serial Number	Тур	e of Fuel			Existing			Proposed		Total	
1	Not	applicable		N	lot applicabl	е	Ν	Not applicabl	е	Not applicable	
41.Source of	of Fuel			Not a	pplicable						
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable						
		Total RG a	rea :		20513						
		No of trees	s to b	e cut	123						
43.Gree	n Belt	Number of be planted	s to	o 280							
Develop	ment	List of proposed native trees :			11						
		Timeline for completion plantation	or 1 of :	r of 1 to 2 years							
	44.Nu	mber and	l list	t of t	rees spe	cies	to b	e plante	d in the o	round	
Serial Number	Name of	the plant	C	Common Name			Quantity		Characteristics & ecological importance		
1	Terminali	a catappa		Desi Badam			2	0	Fruit bearing tree		
2	Ziziphus r	nauritiana		В	er	22			Fruit bearing tree		
3	Ficus r	eligiosa	H	Pimpal/Peepal			2	4	shady		
4	Polyathia	longifolia		False Ashoka /Asupalav			2	8		Aesthetic	
5	Garcini	a indica	kokum			29		Fruit bearing tree			
6	Terminal	ia arjuna		Arj	un	30		0	Aesthetic		
7	Ficus	carica		Anj	eer		2	8	Fruit bearing tree		
8	Caryota	urenus	solit	ary Fis	shtail Palm		2	5		Aesthetic	
9	Cassia	Fistula	Go	lden R Bah	ain Tree/ ava		2	8		Aesthetic	
10	Michelia	champaka	C	hapha/	Champa		2	6		Aesthetic	
11	Azadiracl	nta indica		Ne	em		2	0		Medicinal	
45	.Total quar	ntity of plan	ts on	grou	nd						
46.Num	nber and	list of sl	nrub	s an	d bushes	s spe	cies	to be pla	anted in	the podium RG:	
Serial Number		Name			C/C Dista	nce			Area	a m2	
1	Not	Applicable			Not Applic	able			Not Ap	plicable	
47.Energy											

		Source of supply :	power	MSEDCL						
		During Co Phase: (De Load)	nstruction emand	300 kVA						
		DG set as back-up du constructi	Power ıring on phase	1 no. * 125 kV	Ά					
		During Op phase (Con load):	eration nnected	28127						
Pov require	wer ement:	During Op phase (Der load):	eration mand	9422	9422					
		Transform	er:	630 kVA* 19 1	10S	3				
		DG set as back-up du operation	Power ıring phase:	600 kVA* 4 no)S					
		Fuel used:	-	As per require	emei	ent				
		Details of tension lin through th any:	high le passing le plot if	Not Applicabl	e	00				
		48.Ene	ergy savi	ng by non-	CO	onventional method:				
Solar Stree	t light are Pr	roposed for c	ommon area	is as open spac	es a	and pathways, RG etc.				
		4	9.Detail	calculatio	ns	s & % of saving:				
Serial Number	Energy Conservation M			easures	asures Saving %					
1	1 LED					> 1% Saving				
		50	.Details	of pollutio	n c	control Systems				
Source	Ex	isting pollu	tion contro	ol system		Proposed to be installed				
Not applicable		Not	applicable	, C	Not applicable					
Budgetary (Capital	allocation cost and	Capital cos	st: t:	Rs. 300 Lakh Rs. 3 Lakh/Ye	ar					
51	Fnvir	nmon	al Mar			nlan Budgetary Allocation				
<u> </u>	• 1	a)	Construe	ction nhas	e (1	(with Break-un):				
Serial	A 4.4*1	u)	D			Tatal Gast men summer (Da La La sa)				
Number	Attri	butes	Para	meter		lotal Cost per annum (Rs. In Lacs)				
1	Water f	for dust ession	pH, colou turbidi hardens	r, odour, y Total 0.15 s, metal						
2	Air and Monit	l Noise toring	SPM, SO	D2, NO2		1.8				
3	Water Monitoring pH, colou turbidi hardens		ır, odour, ty Total ss, metal		0.6					
4	Site sanitation Disinf		ection		0.18					
5	Gardening set up Soil and		d water		0.20					
6	Disinfection pest control Disinf		ection		0.10					
7	First Aid Facility First A		Aid Box		0.10					
8	Health Check up Wee		ekly		0.10					
9	Trainii awar	ng and aness	Da	nily		0.30				
10	Personal j equip	protective oment	Safety Jac Shoes, He	ket, Safety elmet, Belt		3.5				
11	Labour h	nutments	LPG Gas f	or Cooking		1.0				

(or. S. N. Patil) Member Secretary SEAC (MMB)			John Joseph
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b) Operation Phase (with Break-up):											
Serial Number	Serial Component Descrip			iption	Capital cost Rs. In Lacs			Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sewage F	e treatment Plant	7 nos of S total capa Kl	TP havin acity 200 LD	ng)9	300		3			
2	Water tre	atment plar	t Construct mainte	ction and enance	tion and 240			2.			
3	Lan deve	dscape lopment	RG	area		290			2.9		
4	Solio mana	d Waste agement	Comp	osting		100			1.5		
5	Rain Wate	er harvestin	g Channel maintenar water harv	izing and nce of Ra resting ta	d ain ank	38			4		
6	Stor	m water	Channel mainter draina	izing and nance of ge line	ł	40			4		
7	Energy C	Conservatio	n Solar pane	ls and L	ED	300			3		
8	Fire	Fighting	Fire exting sand l	juisher a oucket	ind	5.5			0.10		
9	Envir mor	ronment nitoring	Air, wate noise mo	r, soil an onitoring	ıd J	15			2.4		
51.S	torage	e of ch	emicals	(infl sub	amab stanc	le/expl es)	osiv	e/haz	zardou	s/toxic	
Descri	ption	Status	Locatio	Location		Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	able	Not applicabl	Not applicable	Not applicable		Not applicable	Not applicable	
			52.A	ny Other Information							
No Informa	tion Availa	ble	52	Traffi	o Mon	annant					
		Nos of t	DJ.		c Mana	igement					
		to the m design o confluer	ain road & f ice:	1 no of junction - Mahagaon approx 3 to 4 km							
		Number basemer	and area of it:	Not Applicable							
		Number podia:	and area of	Not Applicable							
		Total Pa	rking area:	48,161	sq.mt	.mt					
		Area per	car:	30 sq.mt							
		Area per	car:	30 sq.mt							
Parking details:		Number Wheeler approve compete authorit	of 2- s as d by nt y:	2-Wheeler 3,667 nos and cycles - 4155 nos							
			of 4- s as d by nt y:	4-Whee	elers 815 i	105					
		Public T	ransport:	Not Ap	plicable						
		Width of roads (n	f all Internal n):	9m, 12	9m, 12m and 15 m						

(DF. B. N. Patil) Member Secretary SEAC (MMR)			J Johny Joseph
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	CRZ/ RRZ clearance obtain, if any:	Not Applicable		
L P C a a b	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) B1		
C	Court cases pending f any	Not Applicable		
CI	Other Relevant Informations	We had received the Environment Clearance form Government of Maharashtra on Dated: 11th December 2014 and we have started construction as per approved plan received from Town Planning.		
H S A O	Have you previously submitted Application online on MOEF Website.	No		
	Date of online submission			
Brief information of the project by SFAC				

PP, Mr. Amit Narang & Architect Mr. Jasprit Mehta were present during the meeting along with environmental consultant M/s Mahabal enviro engineers. PP informed that EC was received on 11/12/2014. Proposal is for expansion of the project.

PP informed that total plot area is 2,06,140 sq. m with total BUA (FSI +Non FSI) of 2,14,942 (FSI- 1,93,362 sq. m, Non FSI- 21,580 sq. m). PP also informed that, they have started the construction as per received the Environment Clearance dated 11.12.2014.

The project proposal was discussed on the basis of the draft ToR for expansion of the residential and commercial project, presentation made and documents submitted by the proponent. All issues related to environment, including air, water, land, soil, ecology and biodiversity and social aspects were discussed. Committee noted that the project is under 8a (B1) category of EIA Notification, 2006. Form 1, 1A, presentation & plans submitted are taken on the record.

ECISION OF SEAC

After discussion, ToR presented by PP was approved with following additional ToR:

Specific Conditions by SEAC:

1) PP to submit stage of compliance of EC till date.

2) PP to submit details of mechanisms placed on site for recycle/reuse of treated waste water. Also to submit layout

3) 3. PP informed that, the project layout.
5) 5. PP to ensure the STP discharge standards should be BOD-5mg/day, COD-10 mg/day and suspended solids-20 mg/day

4) PP to submit details of mechanisms of MSW handling from collection to disposal.

5) PP to ensure that STP design should be with holding pond.

6) PP to superimpose sewer line, storm water line & treated water line on master layout plan of project.7) PP to submit details regarding mechanism for MSW collection to distribution of end product (manure).

8) PP to submit detail landscape plan.

9) PP to provide 12% of renewable energy from total demand of energy. May provide solar water heater in every unit. PP to submit the same & upload on website.

10) PP to submit & upload the project specific quantitative EMP & DMP.11) PP to submit details of firefighting mechanism by SWEPT PATH analysis for cars & fire tender movement.

12) PP to submit details of parking, area per car area, number of two wheeler, cycle as per norms etc.

13) PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above.
14) PP to upload the plans , duly stamped & singed , submitted for approval to the local body, Disaster Management Plan, Environmental Management Plan, traffic study and other above said compliances etc. on the website of ec.mpcb.in

FINAL RECOMMENDATION

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

tor a. N. Patil) Member Secretary			Johny Joseph
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