

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032 Date:September 18, 2018

MŔ.SHRENIK SETH, 202-223, KRISHVI HEIGHTS 2ND FLR, V.P.RD, CHARNI RD(E) MUMBAI 400 004. at Plot bearing C. S. No. 2243, 2244, 2245, 2246, 2247, 2248, 1/2249, 2/2249, 3/2249, 4/2249,5/2249, 2250, 2251, 2252, 2253,2254, 2255& 2257 of Bhuleshwar Division, Sitaram Poddar Marg, Charni Road, Fanaswadi, Mumbai

Environment Clearance for Proposed high rise residential cum commercial development at Charni road, **Subject:** Fanaswadi, Mumbai

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 62nd (Part A)nd meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 137th meetings.

2. It is noted that the proposal is considered by SEAC-II under screening category category 8(a)- B2 as per EIA Notification 2006.

Brief Information of the project submitted by you is as below:-

1.Name of Project	Krishvi Towers
2.Type of institution	Private
3.Name of Project Proponent	MR.SHRENIK SETH, 202-223,KRISHVI HEIGHTS 2ND FLR, V.P.RD,CHARNI RD(E) MUMBAI 400 004.
4.Name of Consultant	1. NABET Accredited Consultant - Pollution & Ecological Control Services 2. Design Architect M/s. Architect Lokhandwalla F.T. 3. MEP Consultant- M/s. Hydro mechanical consultants 4. Structural Consultants - M/s. JW Consultants LLP (Formerly Y S Sane Associates) 5. Geotechnical Consultants - M/s. GEOCON INTERNATIONAL PVT. LTD. 6. Traffic, EMP, DMP, Basement Filtration & HRC consultant - Enviro Policy Research India Pvt Ltd 7. BMC Architect- M/s. Archvision Architect
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	new project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing C. S. No. 2243, 2244, 2245, 2246, 2247, 2248, 1/2249, 2/2249, 3/2249, 4/2249,5/2249, 2250, 2251, 2252, 2253,2254, 2255& 2257 of Bhuleshwar Division, Sitaram Poddar Marg, Charni Road, Fanaswadi, Mumbai
9.Taluka	Mumbai
10.Village	Mumbai
Correspondence Name:	MR.SHRENIK SETH
Room Number:	Shagun Realty, 202-223
Floor:	2nd floor
Building Name:	KRISHVI HEIGHTS
Road/Street Name:	V.P.RD
Locality:	Charni road East
City:	Mumbai 400 004
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
10 100 (0.4 (0.4 (0.4 (0.4 (0.4 (0.4 (0.4 (0	CFO NOC CHE/CTY/3315/C/337 (new)
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: CHE/CTY/3315/C/337 (new)
FF	Approved Built-up Area: 30625.81

SEIAA Meeting No: 137 Meeting Date: August 24, 2018 (SEIAA-STATEMENT-0000001129) **SEIAA-MINUTES-0000000595** SEIAA-EC-0000000452

SEIAA)

Shri. Anil Diggikar (Member Secretary

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13.Note on the initiated work (If applicable)	no work is started yet		
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CHE/CTY/3315/C/337 (new)		
15.Total Plot Area (sq. m.)	5986.30 m2		
16.Deductions 1746.71 m2			
17.Net Plot area	4239.59 m2		
	FSI area (sq. m.): 32786.50		
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): 31672.39		
1011 1 01)	Total BUA area (sq. m.): 64458.89		
	Approved FSI area (sq. m.):		
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):		
	Date of Approval:		
19.Total ground coverage (m2)	2791.71		
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky) 66%			
21.Estimated cost of the project	200000000		



Government of Maharashtra

			22.P	roduct	tion Details			
Serial Number	Prod	luct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not app	licable	Not app	plicable	Not applicable	Not applicable		
		2	3.Tota	l Wate	r Requiremen	t		
		Source of v	water	MCGM				
		Fresh wate	er (CMD):	198 m3/day	7			
		Recycled w Flushing (105 m3/day	7			
		Recycled w Gardening		3 m3/day				
		Swimming make up ((pool Cum):	Nil				
Dry season:		Total Water Requirement (CMD)		306 m3/day				
		Fire fighting - Underground water tank(CMD):		Fire tank 1: 200 m3/day, Fire tank 2: 450 m3/day, Fire tank 3: 200m3/day				
		Fire fighting - Overhead water tank(CMD):		NA SAN SAN SAN SAN SAN SAN SAN SAN SAN S				
	Excess treated w		ated water	163 m3/day	31 12			
		Source of v	water	MCGM				
		Fresh wate	er (CMD):	198 m3/day				
		Recycled w Flushing (105 m3/day	1	E CONTRACTOR OF THE CONTRACTOR		
		Recycled w Gardening	ater - (CMD):	NII B				
Wet season:		Swimming make up ((pool Cum):	Nil				
	:	Total Wate Requireme :		303 m3/day				
		Fire fighting - Underground water tank(CMD):		Fire tank 1: 200 m3/day, Fire tank 2: 450 m3/day, Fire tank 3: 200m3/day				
		Fire fighting Overhead tank(CMD)	water	NA				
		Excess trea	ated water	166 m3/day				
Details of Sypool (If any)		NA	V			UI		

Maharashtra

ment Domestic 0 198 198 0 29 29 0 169 16 Level of the Ground water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Dotatins of UGT tanks if any: Budgetary allocation (Capital cost): Details of UGT tanks if any: 1			24.	Detail	s of Tota	l water co	nsume	d		
Require ment Domestic 0 198 198 0 29 29 0 169 16 Level of the Ground water table: Size and no of RWH tanks 1- 20m3, RWH tank 2- 20m3, RWH tank 3- 25 m3 Quantity: Location of the RWH tanks 1- 20m3, RWH tanks 2- 20m3, RWH tanks 3- 25 m3 Quantity: Location of the RWH tanks 3- 25 m3 Quantity: RWH tanks 1- 20m3, RWH tanks 2- 20m3, RWH tanks 3- 25 m3 Quantity: Location of the RWH tanks 3- 25 m3 Quantity of recharge pits: Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation of Capital cost): Budgetary allocation of UGT tanks, 2nd Basement (Building 2) [Domestic tanks: 2m3, Fitshing tanks: 25 m3, Fitshing tanks: 25 m3, Fitshing tanks: 25 m3, Domestic tanks: 40m3, Fitshing tanks: 25 m3, Fitshing tanks: 25 m3, Domestic tanks: 40m3, Fitshing tanks: 25 m3, Domestic tanks: 2 m3, Fitshing tanks: 25 m3, Domestic tanks: 40m3, Fitshing		Cons	sumption (CM	D)	Loss (CMD)			Effluent (CMD)		
Level of the Ground water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Quantity: Location of the RWH tank(s): Quantity of recharge pits: Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (O & M cost); Details of UGT tanks: Interpretation of the Ground of	Require	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Basement 3 (Building 1) and Basement 2 (Building 2) Duantity of recharge pits: Size of recharge pits: Budgetary allocation (O & M cost): Budgetary allocation (O & M cost): Details of UGT tanks if any: Locations of UGT tanks; 2nd Basement (Building 2) [Domestic tank1: m3, Flushing tank1: 15 m3, Fire tank1: 200m3], 3rd Basement (Building 1) [Fire tank 2: 450m3, Domestic tank 2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3],	Domestic	0	198	198	0	29	29	0	169	169
water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Basement 3 (Building 1) and Basement 2 (Building 2) Duantity of recharge pits: Size of recharge pits: Budgetary allocation (O & M cost): Budgetary allocation (O & M cost): Details of UGT tanks if any: Locations of UGT tanks; 2nd Basement (Building 2) [Domestic tank1: m3, Flushing tank1: 15 m3, Fire tank1: 200m3], 3rd Basement (Building 1) [Fire tank 2: 450m3, Domestic tank 2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank 3: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3], 3rd Basement (Building 2) [Domestic tank2: 40m3, Fire tank2: 200 m3],										
Location of the RWH Basement 3 (Building 1) and Basement 2 (Building 2)					12-15 m					
25.Rain Water Harvesting (RWH) 25.Rain Water Harvesting (RWH) 26.Storm water drainage 26.Storm water drainage 27.Sewage and 27.Sewage and 27.Sewage and 27.Sewage and 28.Storm water 26.Storm water 27.Sewage and 27.Sewage and 27.Sewage and 28.Sewage generation in KLD: 28.Sewage generation in KLD: 27.Sewage and 27.Sewage and 27.Sewage and 27.Sewage and 28.Sewage generation in KLD: 28.Sewage generation in KLD: 27.Sewage and 27.Sewage and 27.Sewage and 27.Sewage and 28.Sewage generation in KLD: 27.Sewage and 27.Sewage and 27.Sewage and 27.Sewage and 28.Sewage generation in KLD: 38.Sewage generation in KLD: 48.Sewage generation in KLD: 58.Sewage generation in KLD: 59.Sewage generation in K			tank(s) and	of RWH	RWH tank 1	- 20m3, RWH	tank 2- 20	m3, RWH tar	nk 3- 25 m3	
25.Rain Water Harvesting (RWH) Resize of recharge pits in the size of the size of recharge pits in the size of the size of recharge pits in the size of recharge pits in the size of the size of recharge pits in the size of the size of swip in the size of the size of swip in the size of the size of recharge in the size of swip in the size of the size of the size of recharge in the size of under the size of the size				he RWH	Basement 3	(Building 1) a	nd Basem	ent 2 (Buildin	ıg 2)	
Size of recharge pits Size of recharge pits Size of recharge pits Size of recharge pits Honor (Capital cost) 4.58 Lakh	25 Dain V	Naton	Quantity of repits:	echarge	NA	fet.	Jz			
Capital cost): 4.36 Lakh 1.36 Lakh 2.36 Lakh	Harvestii	ng	Size of recha:	rge pits	NA	318		7		
Details of UGT tanks if any: Locations of UGT tanks, 2nd Basement (Building 2) [Domestic tank1: m3, Flushing tank1: 15 m3, Fire tank1: 200m3], 3rd Basement (Building 1) [Fire tank 2: 450m3, Domestic tank 2: 40m3, Flushing tank2: 20 m3, Flushing tank 3: 25m3, Domestic tank 3: 40m3, Fire tank2: 20 m3, Flushing tank 3: 25m3, Domestic tank 3: 40m3, Fire tank2: 20 m3, Flushing tank 3: 25m3, Domestic tank 3: 40m3, Fire tank2: 20 m3, Flushing tank 3: 25m3, Domestic tank 3: 40m3, Fire tank2: 20 m3, Flushing tank 3: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 3: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 3: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 2: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 2: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 2: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 2: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 2: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 2: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 20 m3, Flushing tank 2: 25m3, Domestic tank 2: 40m3, Flushing tank 2: 40m3, Flu					4.58 Lakh		30.	A.		
26.Storm water drainage pattern: Quantity of storm water: Size of SWD: 27.Sewage and Waste water 27.Sewage and Waste water 27.Sewage and Capacity of STP (CMD): 27.Sewage and Capacity of STP (CMD): Budgetary allocation (Capital cost): Sewage generation in KLD: STP of Capacity: 300 m3/day			Budgetary al (O & M cost)	location ;	0.50 Lakh					
26.Storm water drainage pattern: Quantity of storm water: Size of SWD: Sewage generation in KLD: STP technology: MBBR (Moving Bed Biofilm Reactor) Capacity of STP (CMD): STP of Capacity: 300 m3/day Location & area of the STP: Budgetary allocation (Capital cost): 18.55 Lakh The storm water collected through the storm water drains of adequate capacity will be discharged in to Municipal SWD 0.693 m3/sec 274 Sewage generation in KLD: STP technology: MBBR (Moving Bed Biofilm Reactor) 1 STP of Capacity: 300 m3/day Basement 1 of Building 2 (250 m2) 18.55 Lakh				tank2: 20 m3, Flushing tank 3: 25m3, Domestic tank 3: 40m3, Fire tank						
26.Storm water drainage pattern: capacity will be discharged in to Municipal SWD Quantity of storm water: 0.693 m3/sec Size of SWD: 450mm wide channnel with slope of 1:300 Sewage generation in KLD: 274 STP technology: MBBR (Moving Bed Biofilm Reactor) Capacity of STP (CMD): 1 STP of Capacity: 300 m3/day Location & area of the STP: Budgetary allocation (Capital cost): 18.55 Lakh	月					T	*			
A ste water Comparison of the Stering water: 0.693 m3/sec				The storm w	rater collected I be discharge	through t d in to Mu	he storm wat nicipal SWD	er drains of ad	equate	
27. Sewage and Waste water Sewage generation in KLD: STP technology: MBBR (Moving Bed Biofilm Reactor) Capacity of STP (CMD): 1 STP of Capacity: 300 m3/day Location & area of the STP: Budgetary allocation (Capital cost): 18.55 Lakh		water	Qualitity of Storing		0.693 m3/sec					
27. Sewage and Waste water in KLD: STP technology: MBBR (Moving Bed Biofilm Reactor) Capacity of STP (CMD): 1 STP of Capacity: 300 m3/day Location & area of the STP: Budgetary allocation (Capital cost): 18.55 Lakh		Size of SWD:		450mm wide channnel with slope of 1:300						
27. Sewage and Waste water in KLD: STP technology: MBBR (Moving Bed Biofilm Reactor) Capacity of STP (CMD): 1 STP of Capacity: 300 m3/day Location & area of the STP: Budgetary allocation (Capital cost): 18.55 Lakh				7		3	1/200			
27.Sewage and Waste water Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): 1 STP of Capacity: 300 m3/day Basement 1 of Building 2 (250 m2) 18.55 Lakh			Sewage gene in KLD:	ration	274	(())HYY	7			
27.Sewage and Waste water Composition & area of the STP: Budgetary allocation (Capital cost): 18.55 Lakh 18.55 La			STP technolo	gy:	MBBR (Moving Bed Biofilm Reactor)					
Budgetary allocation (Capital cost): 18.55 Lakh	27.Sewage and Waste water		TP	1 STP of Capacity: 300 m3/day						
(Capital cost):			rea of	Basement 1 of Building 2 (250 m2)						
D 1			Budgetary al (Capital cost	location):	18.55 Lakh					
Budgetary allocation (O & M cost):			Budgetary al (O & M cost)	location	3.89 Lakh	20	htt	12		

28.Solic	d waste Management
Waste generation:	50kg/day Municipal solid
Disposal of the construction waste debris:	Not applicable
Dry waste:	390.2 kg/day
Wet waste:	719.5 kg/day
Hazardous waste:	NA
Biomedical waste (If applicable):	NA
STP Sludge (Dry sludge):	NA
Others if any:	NA
Dry waste:	Dry garbage will be further segregated in to recyclable and non- recyclable and will be handed over to authorized recyclers
Wet waste:	The bio-degradable waste will be converted to compost by using Organic Waste Converter and In-vessel Composting units are used as curing units
Hazardous waste:	NA
Biomedical waste (If applicable):	NA SASSA
STP Sludge (Dry sludge):	NA NA
Others if any:	NA NA
Location(s):	Basement 3 of Building 1
Area for the storage of waste & other material:	approx. 60 m2 area
Area for machinery:	approx. 60 m2 area including machinery
Capital cost:	10.07 Lakh
O & M cost:	2.11 Lakh
	Waste generation: Disposal of the construction waste debris: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable): STP Sludge (Dry sludge): Others if any: Dry waste: Wet waste: Hazardous waste: Biomedical waste (If applicable): STP Sludge (Dry sludge): Others if any: Location(s): Area for the storage of waste & other material: Area for machinery: Capital cost:

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	29.Effluent Charecterestics						
Serial Number	Parameters	Unit	Unit Inlet Effluent Charecterestics Outlet Effluent Charecterestics Effluent Standards (M				
1	Not applicable	Not applicable Not applicable		Not applicable	Not applicable		
Amount of effluent generation (CMD):		Not applica	Not applicable				
Capacity of the ETP:		Not applicable					
Amount of treated effluent recycled:		Not applicable					
Amount of water send to the CETP:		Not applicable					
Membership of CETP (if require):		Not applicable					
Note on ETI	P technology to be used	Not applicable					
Disposal of	the ETP sludge	Not applicable					



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			30.Ha	zardous	Waste D	etails			
Serial Number	Descr	ription	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	Not ap	plicable	Not applicable	Not applicable			Not applicable	Not applicable	
			31.St	tacks em	ission D	etails			
Serial Number	Section	& units		sed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not ap	plicable		plicable	Not applicable	Not applicable	Not applicable	Not applicable	
			32.De	tails of I	Tuel to be	e used			
Serial Number	Tyı	e of Fuel	M	Existing	HMI	Proposed		Total	
1		applicable		Not applicabl	le 1	Vot applicabl	е	Not applicable	
Source of F				pplicable	18160		7		
Mode of Tra	ansportation	of fuel to sit	e Not a	pplicable	3/	35. XC	<u> </u>		
		R	7 92	22 17	n a warri	30/2	2		
		Source of		60.0	nergy	30			
		supply:	5 1	BEST (Bril	nan Mumbai	Electric Sup	ply Undertal	king & Transport)	
		During Cor Phase: (De Load)	nstruction mand	330 KW	330 KW				
	DG set as Power back-up during construction ph		ıring	Building 1 - 2x 625 KVA and Building 2 - 1x 200 KVA					
		During Operation phase (Connected load):		3587 KW					
Pov require		During Operation phase (Demand load):		2943 KVA					
		Transform	er:	NA					
		back-up du	DG set as Power back-up during operation phase:		Building 1 - 2x 625 KVA and Building 2 - 1x 200 KVA				
		Fuel used:		High speed diesel					
		Details of high tension line passing through the plot if any:		NAMENT OF					
		34.Ene	rgy savi	ng by no	n-conver	ntional m	ethod:		
Total energ	y saving by	use of renew	able energy	saving meas	ures: 3.23%		40		
		3	6.Detail	calculati	ions & %	of savin	g:		
Serial Number				easures Saving %					
Energy saving through convention systems			al energy sa	al energy saving 10.31%					
Energy savings through renewabl systems			e energy sav	ring		3.23%			
		37	.Details	of pollut	ion cont	rol Syste	ms		
Source	Existing pollution contro			l system		Pro	posed to be	installed	
Not applicable		Not	applicable				Not applic	able	
Budgetary (Capital	allocation	Capital cos	st:	9 Lakhs					
O&M	cost):	O & M cos	t:	1.5 Lakhs					

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Shri. Anil Diggikar (Member Secretary SEIAA)

38	38.Environmental Management plan Budgetary Allocation							
		a)	Construction p	hase (v	vith Bre	ak-up):		
Serial Number	Attributes		Parameter	Parameter Total Cost per annum (R				Lacs)
1	Dust suppression measures and barricading		Ersosion control			3.5		
2	Supply of Personal Protective Equipments		site safety			4.6		
3	Facility o	of Bio-toilets, asins	site sanitation			3		
4	Health c regula	heck-ups on r intervals	Disinfection and health check-up			3		
5		ter, soil and monitoring	Environmental monitoring	1447	17,000	6.5		
	b) Operation Phase (with Break-up):							
Serial Number	Component		Description	Capi	Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)	
1		STP	waste water treatme	ent	18.55	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	3.89)
2	MSW		Organic waste converter and In- vessel composter a curing units for soli waste	s ()	10.07	A CA	2.11	
3	I	RWH	RWH tank		4.58		0.50)
4	Land	lscaping	maintenance of gard area	en	9.27		1	
5	DMP		Disaster managmen plan for natural and man-made disaster	d	911		182	
39.S	39.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)							
Descri	ription Status		Location Storag Capaci in MT		Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not app	t applicable Not applicable			Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
			40.Any Oth	ner Info	rmation		11	
No Informa	tion Availa	ble	V					

Maharashtra

SEIAA Meeting No: 137 Meeting Date: August 24, 2018 (SEIAA-STATEMENT-0000001129)
SEIAA-MINUTES-000000595 **SEIAA-EC-0000000452**

Shri. Anil Diggikar (Member Secretary Page 8 of 12 SEIAA)

CRZ/ RRZ clearand obtain, if any:	e Not applicable
Distance from Protected Areas / Critically Polluted areas / Eco-sensiti areas/ inter-State boundaries	Not applicable
Category as per schedule of EIA Notification sheet	category 8(a)- B2
Court cases pendir if any	g _{NA}
Other Relevant Informations	NA
Have you previously submitted Application online on MOEF Website.	y No
Date of online submission	S. S

3. The proposal has been considered by SEIAA in its 137th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
II	PP to obtain and submit HRC NOC for wing B (Sale).
III	PP to provide Common entry for rehab and sale shall be maintained for fire tender access.
IV	On the basis of IOD received, SEIAA decided to grant EC for: FSI area: 8300.50 m2, Non FSI area: 10751.00 m2 and Total BUA: 19051.05 m2.

General Conditions:

General Conditions:	
I	E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
ш	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC& SEIAA.
V	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
VI	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
VIII	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
IX	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
X	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

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XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
xx	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

XL	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
XLIII	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.
XLIX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.maharashtra.gov.in.
L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

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- 4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
- 5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
- 6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
- 7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.
- 8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
- 9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
- 10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

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Copy to:

- 1. SECRETARY MOEF & CC
- 2. IA- DIVISION MOEF & CC
- 3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
- 4. REGIONAL OFFICE MOEF & CC NAGPUR
- **5.** MUNICIPAL COMMISSIONER MUMBAI
- **6.** MUNICIPAL COMMISSIONER NAVI MUMBAI
- 7. REGIONAL OFFICE MPCB MUMBAI
- 8. REGIONAL OFFICE MPCB NAVI MUMBAI
- 9. REGIONAL OFFICE MIDC ANDHERI
- 10. REGIONAL OFFICE MIDC KOPER KHAIRANE NAVI MUMBAI
- 11. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
- 12. COLLECTOR OFFICE MUMBAI
- 13. COLLECTOR OFFICE MUMBAI SUB-URBAN

MUMBAI SUB-URBAN

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