

## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:November 27, 2018

To.

### **Urmilaben Parikh**

at At Plot Bearing CTS 626/1 to 626/3 at Village Oshiwara, Tehsil Andheri, District Mumbai Suburban, Maharashtra

Subject: Environment Clearance for Residential cum commercial project on plot bearing CTS 626/1 to 626/3 at Village Oshiwara, Tehsil Andheri, District Mumbai Suburban

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 64th 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 145th meetings.

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

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

1.Name of Project	M/s. Urmilaben Parikh					
2.Type of institution	Private					
3.Name of Project Proponent	Urmilaben Parikh					
4.Name of Consultant	Dr. D. A. Patil, Mahabal Enviro Engineers Pvt. Ltd.					
5.Type of project	Residential Housing and Commercial Project					
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project					
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No, Existing buildings doesn't come under purview of Environmental Clearance					
8.Location of the project	At Plot Bearing CTS 626/1 to 626/3 at Village Oshiwara, Tehsil Andheri, District Mumbai Suburban, Maharashtra					
9.Taluka	Andheri					
10.Village	Oshiwara					
Correspondence Name:	Urmilaben Parikh					
Room Number:						
Floor:	-					
Building Name:	Vrindavan Building, 33, Hatkesh Society					
Road/Street Name:	5th Road					
Locality:	Juhu Scheme					
City:	Mumbai 400056					
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai					
12.IOD/IOA/Concession/Plan	Sterling Co-op Hsg. Scoiety IOD: 14/09/1990 CC: 10/04/1991 OC: 20/08/1998, Aston Tower IOD: 04/03/1998 CC: 22/02/2006 OC (Wing A): 22/04/2013, CE/6037/WS/AK dated 02.11.2016					
Approval Number	IOD/IOA/Concession/Plan Approval Number: CE/6037/WS/AK dated 02.11.2016					
	Approved Built-up Area: 28535.61					

SEIAA Meeting No: 145 Meeting Date: November 5, 2018 ( SEIAA-STATEMENT-0000001092 ) SEIAA-MINUTES-0000000760 SEIAA-EC-0000000515

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Construction of commercial Wing A (2 B + G+ 16 floors) of Aston Tower has been completed at OC was received in 2013. 8 floors of the proposed residential Wing B (1 B + Stilt +2 Podium + residential floors) of Aston Tower has been completed. The constructed area is $24,124.20 \text{ m}2$					
Approved Plan CE/6037/WS/AK dated 02.11.2016					
12510.8 sq.m					
1058.7 sq.m					
11452.1 sq.m					
FSI area (sq. m.): 17,187.06 m2					
Non FSI area (sq. m.): 11,348.55 m2					
Total BUA area (sq. m.): 28535.61					
Approved FSI area (sq. m.):					
Approved Non FSI area (sq. m.):					
Date of Approval:					
2576 m2					
22.49 %					
40000000					

# Government of Maharashtra

	22.Production Details							
Serial Number	Product	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not applicable	Not ap	plicable	Not applicable	Not applicable			
	r 4	23.Tota	l Wate	r Requiremen	t			
	Source of	water	MCGM/ Re	cycled				
	Fresh wat	er (CMD):	40 KLD					
	Recycled v Flushing (		45 KLD					
	Recycled v Gardening		13 KLD	HM L.				
	Swimming make up (		377	Tefz Oz.				
Dry season:	: Total Wat Requirem :	er ent (CMD)	85 KLD		3			
	Undergro	Fire fighting - Underground water tank(CMD):		100 m3				
	Overhead	Fire fighting - Overhead water tank(CMD):		30 m3				
	Excess tre	ated water	17 KLD					
	Source of	water	MCGM/Red	cycled				
		er (CMD):	40 KLD					
		Recycled water - Flushing (CMD):		45 KLD				
	Recycled v Gardening		0 KLD					
	Swimming make up (		34 (2)H4() Hmm					
Wet season	Requirem :	ent (CMD)	85 KLD					
	Fire fighti Undergrot tank(CMD	und water	100 m3					
	Overhead	Fire fighting - Overhead water tank(CMD):		100 m3 1 3 5 1 1 1 3				
	Excess tre	ated water	30 KLD					
Details of S pool (If any		able						

Particula   Not water Require ment	24.Details of Total water consumed										
Require ment   Proposed   Total   Existing   Proposed   Total   Existing   Proposed   Total   Existing   Proposed   Total   Total   Existing   Proposed   Total   Total   Proposed   Propos	1	Cons	sumption (C	MD)	Loss (CMD)			Effluent (CMD)			
water requireme applicable applic	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): Location of the RWH tank(s): Location of the RWH tank(s): Duantity of recharge pits: Size of recharge pits Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Details of UGT tanks if any:  Not Applicable Below Ground  Rs. 3.5 Lakhs  Rs. 1.0 Lakhs/year  Details of UGT tanks if any:  The natural drainage pattern is towards south direction  Quantity of storm water: Size of SWD:  Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation Rs. 3.5 Lakhs  Rs. 1.0 Lakhs/year  The natural drainage pattern is towards south direction  O:110 m3/sec  Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation Rs. 1.6 lakhs Budgetary allocation Rs. 3.6 lakhs Budgetary allocation Rs. 4 lakhstynar	water requireme										
water table: Size and no of RWH tank(s) and Quantity: Location of the RWH tank(s): Location of the RWH tank(s): Location of the RWH tank(s): Duantity of recharge pits: Size of recharge pits Size of recharge pits: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Details of UGT tanks if any:  Not Applicable Below Ground  Rs. 3.5 Lakhs  Rs. 1.0 Lakhs/year  Details of UGT tanks if any:  The natural drainage pattern is towards south direction  Quantity of storm water: Size of SWD:  Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation (Capital cost): Budgetary allocation Rs. 3.5 Lakhs  Rs. 1.0 Lakhs/year  The natural drainage pattern is towards south direction  O:110 m3/sec  Sewage generation in KLD: STP technology: Capacity of STP (CMD): Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation Rs. 1.6 lakhs Budgetary allocation Rs. 3.6 lakhs Budgetary allocation Rs. 4 lakhstynar			T 1 C.1	0 1							
tank(s) and Quantity?  Location of the RWH tank(s):  Cound Level  Ground Level  Ground Level  Ground Level  Arresting (RWH)  Size of recharge pits:  Size of recharge pits:  Budgetary allocation (Capital cost):  Budgetary allocation (O & M cost):  Detaits of UGT tanks if any:  The natural drainage pattern is towards south direction  Quantity of storm water drainage pattern:  Quantity of storm water:  Size of SWD:  Size of SWD:  The natural drainage pattern is towards south direction  O.110/m3/sec  Size of SWD:  The natural drainage pattern is towards south direction  O.110/m3/sec  Size of SWD:  The natural drainage pattern is towards south direction  O.110/m3/sec  Size of SWD:  The natural drainage pattern is towards south direction  O.110/m3/sec  Size of SWD:  The natural drainage pattern is towards south direction  O.110/m3/sec  Size of SWD:  Size of Swards are of the Size of Swar					3 to 4 m	HM TL.					
25.Rain Water Harvesting (RWH)  Size of recharge pits pits:  Size of recharge pits   Not Applicable    Budgetary allocation (Capital cost):  Budgetary allocation (O. & M. cost):  Details of UGT tanks if any:   Natural water drainage pattern:  Quantity of storm water:  Quantity of storm water: Size of SWD:  Command of Sewage generation in KLD:  STP technology:  Capacity of STP (CMD):  Location & area of the STP:  Budgetary allocation (Paper of STP) (CMD):  Budgetary allocation (Paper of STP) (CMD):  Budgetary allocation (Paper of STP) (CMD):  Budgetary allocation (Paper of STP) (CAPACITY of STP) (CMD):  Budgetary allocation (Paper of STP) (CAPACITY of STP) (CAPACITY of STP) (CAPACITY of STP) (CMD):  Budgetary allocation (Paper of STP) (CAPACITY of STP) (CAPAC			tank(s) and	- 2 1	1 tank of 50	) cum capaci	ty	7			
Pits:   Not Applicable   Not Applicable				f the RWH	Ground Lev	rel	93	2			
Size of recharge pits   Sudgetary allocation (Capital cost) :   Budgetary allocation (O & M cost) :   Budgetary allocation (O & M cost) :   Below Ground	1			f recharge	Nil 7		30	0			
Capital cost):   Ns. 0.5 Lakes		J	Size of rec	harge pits	Not Applicable						
26.Storm water drainage pattern:  Quantity of storm water: Size of SWD:  27.Sewage and Waste water  Under the storm water of the STP:  Size of SWD:  Sewage generation in KLD:  STP technology:  Capacity of STP (CMD):  Location & area of the STP:  Budgetary allocation (Capital cost):  Budgetary allocation ps. 4 lakbs/tear.					Rs. 8.5 Lakhs						
26.Storm water drainage pattern: Quantity of storm water: Size of SWD:  Sewage generation in KLD: STP technology: MBBR Technology Capacity of STP (CMD):  1 STP of Capacity 80 KLD  Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation Rs. 16 lakhs  Ps. 4 lakhs/warr											
26.Storm water drainage pattern: The natural drainage pattern is towards south direction  Quantity of storm water: Size of SWD: 600 mm wide Channel  Sewage generation in KLD: STP technology: MBBR Technology Capacity of STP (CMD):  Location & area of the STP:  Budgetary allocation (Capital cost):  Budgetary allocation Rs. 16 lakhs  Rs. 4 lakhs/year				UGT tanks	Below Ground						
26.Storm water drainage pattern: The natural drainage pattern is towards south direction  Quantity of storm water: Size of SWD: 600 mm wide Channel  Sewage generation in KLD: STP technology: MBBR Technology Capacity of STP (CMD):  Location & area of the STP:  Budgetary allocation (Capital cost):  Budgetary allocation Rs. 16 lakhs  Rs. 4 lakhs/year			Z		17000	TET 9	77.	1			
drainage  Quantity of storm water:  Size of SWD:  600 mm wide Channel  Sewage generation in KLD:  STP technology:  Capacity of STP (CMD):  Location & area of the STP:  Budgetary allocation (Capital cost):  Budgetary allocation Rs. 16 lakhs  Budgetary allocation Rs. 4 lakhs/year	26 Storm	v.votow			The natural drainage pattern is towards south direction						
27.Sewage and Waste water  Sewage generation in KLD: STP technology: MBBR Technology Capacity of STP (CMD): 1 STP of Capacity 80 KLD Location & area of the STP: Budgetary allocation (Capital cost): Budgetary allocation Rs. 16 lakhs Rs. 4 lakhs/year	1	water	-	f storm	0.110 m3/sec						
27.Sewage and Waste water    In KLD:			Size of SW	D:	600 mm wide Channel						
27.Sewage and Waste water    In KLD:				WO	rn.	me	mi				
27.Sewage and Waste water  Capacity of STP (CMD):  Location & area of the STP:  Budgetary allocation (Capital cost):  Budgetary allocation  Rs. 4 lakbs/year				neration	76 KLD		<u> </u>	U			
27.Sewage and Waste water    Composition & area of the STP:   Str Podium			STP techno	ology:	MBBR Technology						
Waste water  Location & area of the STP:  Budgetary allocation (Capital cost):  Budgetary allocation  Rs. 16 lakhs  Budgetary allocation  Rs. 4 lakhs/year	27.Sewa	ge and		f STP	1 STP of Capacity 80 KLD						
(Capital cost):  RS. 10 IdRIIS  Budgetary allocation  Rs. 4 lakhs/year		9		area of	1st Podium						
					Rs. 16 lakhs						
(O & PI COSI).			Budgetary (O & M cos		Rs. 4 lakhs/year						

	28.Solie	d waste Management
Waste generation in	Waste generation:	252 m3
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	The construction debris will be disposed as per 'Construction and Demolition and Desilting Waste (Management and Disposal) Rules, 2006
	Dry waste:	139.6 kg/day
	Wet waste:	209.4 kg/day
Waste generation	Hazardous waste:	Not Applicable
in the operation Phase:	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	1 KLD
	Others if any:	No
	Dry waste:	Recyclable waste will be sold to local vendors, inert waste will be sent to MCGM authorized landfill
	Wet waste:	Will be Treated in an Organic Waste Converter
Mode of Disposal	Hazardous waste:	Not Applicable
of waste:	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	1 m3
	Others if any:	No
	Location(s):	Ground
Area requirement:	Area for the storage of waste & other material:	15 m2
	Area for machinery:	15 m2
Budgetary allocation (Capital cost and	Capital cost:	RS. 6 Lakhs
O&M cost):	O & M cost:	Rs. 3 Lakhs/year

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	29.Effluent Charecterestics							
Serial Number	Parameters	Unit	Inlet Effluent Outlet Efflue Charecterestics Charecterest		Effluent discharge standards (MPCB)			
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
Amount of e	effluent generation	Not applicable						
Capacity of	the ETP:	Not applicable						
Amount of trecycled:	reated effluent	Not applicable						
Amount of v	water send to the CETP:	Not applicable						
Membershij	p of CETP (if require):	Not applicable						
Note on ET	P technology to be used	Not applicable						
Disposal of	the ETP sludge	Not applicable						



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	30.Hazardous Waste Details								
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal	
1	Not ap	plicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
			31.St	tacks em	ission D	etails			
Serial Number	Section	n & units Fuel Use Quan			Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not ap	plicable	Not app	plicable	Not applicable	Not applicable	Not applicable	Not applicable	
			32.De	tails of I	Fuel to b	e used			
Serial Number	Тур	e of Fuel	S	Existing	र्वि क	Proposed	7	Total	
1	Not	applicable	Y N	Not applicabl	e 1	Not applicabl	e	Not applicable	
33.Source of		40	/~	pplicable	6	91.1	The second		
34.Mode of	Transportat	ion of fuel to	site Not a	pplicable		3			
		15	R A	105	20	1 =	E		
			1	35.E	nergy	y	63		
		Source of supply:	power	Tata Power		た	到		
		During Co Phase: (De Load)	nstruction emand	30 kW					
		DG set as back-up de constructi	uring	रोज्यस्य	मुद्रा थ	A THE	7		
Dov	vom	During Op phase (Cor load):	eration nnected	2.54 MW					
	Power requirement:  During Operation phase (Demand load):		1.75 MW						
		Transform	er:						
			Power uring phase:	1 x 400 KVA					
				HSD	d B				
		Details of tension lin through th any:	e passing	None					

## **Energy saving by non-conventional method:**

- $\bullet \ \ \text{Natural shading through elevation features to minimize heat gain and reduce air-conditioning requirement } \\$
- Solar lighting in common areas, garden and road
- Solar hot water for residential buildings
- Energy efficient lighting fixtures (LED lights) to all buildings
- Energy Efficient multi-speed pumps & Motors for STP, UG & FF.
- Energy efficient lifts

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	36.Detail calculations & % of saving:					
Serial Number	Е	nergy Conservation M	easures	Saving %		
1		Total Energy Savin	g	20.1%		
		37.Details	of pollution o	control Systems		
Source	Ex	isting pollution contro	ol system	Proposed to be installed		
NA		NA		NA		
	Sudgetary allocation Capital cost:		Rs. 50 Lakh			
(Capital cost and O&M cost):		O & M cost:	Rs. 5 Lakh/year			

# 38. Environmental Management plan Budgetary Allocation

# a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Site Barricading	Noise, Dust	4.0
2	Health Checkup, Safety, Training, First aid, PPE	Health & Safety	17.5
3	Signboards, Watchmen	Traffic	4.50
4	Toilets with Septic Tank	Wastewater	2.0
5	Site cleaning, waste segregation	Solid Waste	1.5
6	Environmental Monitoring		2.0
7	Water Supply	र्र्यू , ग्युरर	2.0
8	TOTAL	4/)	33.5

## b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP (Tertiary)	Continuous O & M	16	4
2	Solar System	Weekly	50	5
3	Rain Water Harvesting	During rainy season (Cleaning of RWH tanks and Filtration chamber)	8.5 h	ra 1
4	Solid waste Composting plant	Continuous O & M	6	3
5	Landscape development	Daily	6	3
6	Environmental Monitoring	As per the CPCB guidelines through MoEF Approved laboratories	-	4.0
7	DMP Costing	-	172	11.1
8	Total	-	278.5	31.1

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# 39. Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

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 applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

**40.Any Other Information** 

No Information Available



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CRZ/ RRZ obtain, if a		Not Applicable
Distance front Protected Critically I areas / Eco areas/ inte	Areas / Polluted p-sensitive r-State	7.0 Km from Sanjay Gandhi National Park
Category a schedule o Notificatio	f EIA	8 (a)
Court case if any	s pending	None
Other Rele Informatio		The project is recommended for Environmental Clearance by SEAC II in its $51$ st meeting held on $19$ th & $20$ th Oct $2016$
Have you p submitted Application on MOEF V	n online	No aalgo
Date of on submission	2 -	

3. The proposal has been considered by SEIAA in its 145th 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	This EC is granted for: FSI area: 17189.28 m2, Non FSI area: 11348.55 m2 and Total BUA: 28535.61 m2.
II	PP to submit CER plan to District Collector and the receipt of submission should be shown to Principle Secretary, Environment.

### **General Conditions:**

I	E-waste shall bedisposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
п	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.

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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.
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.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
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.
П	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.



# Government of Maharashtra

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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.

Shri. Anil Diggikar (Member Secretary SEIAA)

## 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

Con.