

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:April 23, 2019

To.

Kalyanee Fortune Properties

at Gat no. 285/1

Subject: Environment Clearance for Application for Environmental Clearance for residential cum commercial project

at Lohagaon

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-III, Maharashtra in its 81st 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 164th meetings.

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

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

1.Name of Project	Residential cum commercial construction project
2.Type of institution	Private
3.Name of Project Proponent	Kalyanee Fortune Properties
4.Name of Consultant	Pollution and Ecology control Services
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	Gat no. 285/1
9.Taluka	Haveli
10.Village	Lohagaon
Correspondence Name:	Mr. Nilesh Agrawal
Room Number:	
Floor:	2 nd floor
Building Name:	Gulmohar Building
Road/Street Name:	Jane themayya road
Locality:	Camp
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
10 IOD/IOA/O	In process
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: NA
r.	Approved Built-up Area:

SEIAA Meeting No: 164 Meeting Date: April 12, 2019 (SEIAA-STATEMENT-0000001667) SEIAA-MINUTES-0000001831 SEIAA-EC-0000001460 Con.

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13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Mhada applicable
15.Total Plot Area (sq. m.)	9400
16.Deductions	1410
17.Net Plot area	7990
	FSI area (sq. m.): 15837.33
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): 9882.64
1021 1021	Total BUA area (sq. m.): 25720
	Approved FSI area (sq. m.):
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.):
	Date of Approval: 01-08-2018
19.Total ground coverage (m2)	3052.97
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38.20 %
21.Estimated cost of the project	485000000



			22.P	roduct	tion Details				
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M) To	tal (MT/M)		
1	Not ap	plicable	Not app	plicable	Not applicable	No	t applicable		
		2	3.Tota	l Wate	r Requirem	ent			
		Source of v	water	PMC					
		Fresh water	er (CMD):	196					
		Recycled w Flushing (99					
		Recycled w Gardening		6	HM				
		Swimming make up (Cum):	7	Tef.	A			
Dry season:		Total Wate Requireme :	ent (CMD)	301					
		Fire fighting Undergroutank(CMD)	nd water	150					
		Fire fighting Overhead value tank(CMD)	water	20/bldg					
		Excess trea	ated water	160					
		Source of v	water	PMC					
		Fresh wate	er (CMD):	196		7			
		Recycled w Flushing (99	24	₹			
		Recycled w Gardening	(CMD):	0	1 3×	N			
		make up (imming pool 7 ke up (Cum):						
Wet seasons		Total Wate Requireme :		295 Kmmomt of					
	Fire fighting Undergroutank(CMD)	nd water	150 IIII GIIL UI						
		Fire fighting Overhead tank(CMD)	water):	20 bldg					
		Excess trea		166					
Dotails of S	wimmine	Size : 3.60 r	m X 6.1m X 1	1.20 m					
Details of Spool (If any)		Area: 21.96 Water capa	sqm city: 26880 l	it/day					

Com.

			24.D	etails	s of Total wa	ter cons	sume	d				
Particula rs	Cons	sump	tion (CMD)		Loss	(CMD)		Effluent (CMD)				
Water Require ment	Existin	ıg	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total		
Domestic	Not applic	able	196	196	Not applicable	20	20	Not applicable	176	176		
			l of the Gro er table:	ound	18-20 m							
		tank Qua	and no of l (s) and ntity:	M	NA	Jan.	1					
		Loca tank	tion of the (s):	RWH	NA aale	TOTAL	3	-				
25.Rain V Harvestii		Quar pits:	ntity of rec	harge	4	3/30		/				
(RWH)		Size :	of recharg	e pits	3 m X 2 m X 1.5	m	37	6				
			getary alloc sital cost) :	ation	3.0 /- lakhs							
			getary alloc M cost) :	ation	0.50/- Lakhs pa							
		Deta if an	ils of UGT	tanks	Domestic: 305KL Fire fighting: 150 KL							
			山人	X 8			5	9				
			ıral water nage patter	n:	As per contour	979	1	7				
26.Storm drainage	water	Quai	ntity of storer:	m	332 m2/hr							
		Size	of SWD:	W	300 mm							
					MM	7						
		Sewa in K	age genera LD:	tion	265		لم	-				
	STP technology:		MBBR									
27.Sewage and		Capa (CM	acity of STF D):		280 (1)							
	Vaste water Location & area of the STP:		of	As per layout are	ea: 150 sqm	H	ra					
			getary alloc ital cost):	ation	70.20 /- lakhs							
			getary alloc M cost):	ation	10.50/- lakhs pa							

	28.Solie	d waste Management			
Waste generation in	Waste generation:	1 % of total raw material			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	As filling material on same site			
	Dry waste:	446 kg/day			
	Wet waste:	644 kg/day			
Waste generation	Hazardous waste:	NA			
in the operation Phase:	Biomedical waste (If applicable):	NA			
	STP Sludge (Dry sludge):	36.40			
	Others if any:	E waste: 1141 kg/year			
	Dry waste:	Through authorized vendor			
	Wet waste:	Mechanical com[posting machine			
	Hazardous waste:	NA S			
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA O			
	STP Sludge (Dry sludge):	Through mechanized composting machine			
	Others if any:	E waste: Through authorized vendor			
	Location(s):	As per contour			
Area requirement:	Area for the storage of waste & other material:	47.5 m2			
	Area for machinery:	20 m2			
Budgetary allocation (Capital cost and	Capital cost:	20.75 /- lakhs			
O&M cost):	O & M cost:	4.5 /- lakhs pa			

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3 BOD mg/l 250-300 <10 not to exceed 10mg/l 4 SS mg/l 350-450 <5 not to exceed 50 mg/l 5 Oil and grease mg/l 10 <5 Not applicable 6 TDS mg/l <1000 Not applicable 7 Total nitrogen mg/l as N 40-50 < or equal to 5 Not applicable 8 Ammnical nitrogen as N mg/l < or equal to 1 Not applicable 9 Total phospohate mg/l 5-7 < or equal to 2 Not applicable 10 Faecal Coliform MPN/100 10000000 Nil Not applicable Amount of effluent generation (CMD): Capacity of the ETP: 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 Note on ETP technology to be used Not applicable		29.Effluent Charecterestics							
1 pH applicable 7-8.5 6.5-7.5 Not applicable 2 COD mg/l 300-400 <30 Not to exceed 10 mg/l 300-400 <10 not to exceed 10 mg/l 4 SS mg/l 350-450 <5 not to exceed 10 mg/l 5 Oil and grease mg/l 10 <5 Not applicable 6 TDS mg/l - <1000 Not applicable 7 Total nitrogen mg/l as N 40-50 <0 requal to 5 Not applicable 8 Ammical nitrogen as N mg/l - <0 requal to 1 Not applicable 9 Total phospohate mg/l 5-7 <0 requal to 1 Not applicable 10 Faecal Coliform MPN/100 ml 10000000 Nil Not applicable No		Parameters	Unit						
3 BOD mg/l 250-300 <10 not to exceed 10mg/l 4 SS mg/l 350-450 <5 not to exceed 50 mg/l 5 Oil and grease mg/l 10 <5 Not applicable 6 TDS mg/l <1000 Not applicable 7 Total nitrogen mg/l as N 40-50 < or equal to 5 Not applicable 8 Ammnical nitrogen as N corrected to mg/l < or equal to 1 Not applicable 9 Total phospohate mg/l 5-7 < or equal to 2 Not applicable 10 Faecal Coliform MPN/100 10000000 Nil Not applicable Amount of effluent generation (CMD): Capacity of the ETP: 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 Note applicable	1	рН		7 -8.5	6.5 -7.5	Not applicable			
4 SS mg/l 350-450 <5 not to exceed 50 mg/l 5 Oil and grease mg/l 10 <5 Not applicable 6 TDS mg/l <1000 Not applicable 7 Total nitrogen mg/l as N 40-50 < or equal to 5 Not applicable 8 Ammnical nitrogen as N mg/l < or equal to 1 Not applicable 9 Total phospohate mg/l 5-7 < or equal to 2 Not applicable 10 Faecal Coliform MPN/100 10000000 Nil Not applicable Amount of effluent generation (CMD): Capacity of the ETP: Not applicable Amount of treated effluent recycled: 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	2	COD	mg/l	300-400	<30	Not to exceed100mg/l			
5 Oil and grease mg/l 10 <5 Not applicable 6 TDS mg/l <1000 Not applicable 7 Total nitrogen mg/l as N 40-50 < or equal to 5 Not applicable 8 Ammnical nitrogen as N mg/l < or equal to 1 Not applicable 9 Total phospohate mg/l 5-7 < or equal to 2 Not applicable 10 Faecal Coliform MPN/100 10000000 Nîl Not applicable Amount of effluent generation (CMD): Capacity of the ETP: Not applicable Amount of treated effluent recycled: 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	3	BOD	mg/l	250-300	<10	not to exceed 10mg/l			
6 TDS mg/l <1000 Not applicable 7 Total nitrogen mg/l as N 40-50 < or equal to 5 Not applicable 8 Ammnical nitrogen as N 5-7 < or equal to 1 Not applicable 9 Total phospohate mg/l 5-7 < or equal to 2 Not applicable 10 Faecal Coliform MPN/100 10000000 Nil Not applicable Amount of effluent generation (CMD): Capacity of the ETP: Not applicable Amount of treated effluent vecycled: 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	4	SS	mg/l	350-450	<5	not to exceed 50 mg/l			
7 Total nitrogen mg/l as N 40-50 < or equal to 5 Not applicable 8 Ammnical nitrogen as N mg/l	5	Oil and grease	mg/l	10	<5	Not applicable			
8 Ammnical nitrogen as N mg/l < or equal to 1 Not applicable 9 Total phospohate mg/l 5-7 < or equal to 2 Not applicable 10 Faecal Coliform MPN/100 10000000 Nil Not applicable Amount of effluent generation (CMD): Capacity of the ETP: Not applicable Amount of treated effluent recycled: 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	6	TDS	mg/l		<1000	Not applicable			
9 Total phospohate mg/l 5-7 < or equal to 2 Not applicable 10 Faecal Coliform MPN/100 ml 10000000 Nil Not applicable Amount of effluent generation (CMD): Capacity of the ETP: Not applicable Amount of treated effluent recycled: Amount of water send to the CETP: Not applicable Membership of CETP (if require): Not applicable Not applicable Not applicable	7	Total nitrogen	mg/l as N	40-50	< or equal to 5	Not applicable			
10 Faecal Coliform MPN/100 10000000 Nil Not applicable Amount of effluent generation (CMD): Capacity of the ETP: Not applicable Amount of treated effluent recycled: 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	8	S	mg/l	THOUSAND THE	< or equal to 1	Not applicable			
Amount of effluent generation (CMD): Capacity of the ETP: Amount of treated effluent recycled: Amount of water send to the CETP: Not applicable Membership of CETP (if require): Not applicable Not applicable Not applicable	9	Total phospohate	mg/l	13 d 9-7 4 6 0	< or equal to 2	Not applicable			
(CMD): Capacity of the ETP: Not applicable Amount of treated effluent recycled: Amount of water send to the CETP: Not applicable Membership of CETP (if require): Not applicable Not applicable Note on ETP technology to be used Not applicable	10	Faecal Coliform	7 / U	10000000	Nil	Not applicable			
Amount of treated effluent recycled: 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	1	effluent generation	Not applica	ble 70	300				
recycled: 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	Capacity of	the ETP:	Not applica	ble	1 3 15				
Membership of CETP (if require): Not applicable Note on ETP technology to be used Not applicable		created effluent	Not applicable						
Note on ETP technology to be used Not applicable	Amount of v	water send to the CETP:	Not applicable						
	Membership of CETP (if require): Not applicable								
Disposal of the ETP sludge Not applicable	Note on ET	P technology to be used	Not applica	ble	E C				
Disposar of the Life states	Disposal of	the ETP sludge	Not applica	ble	RAT				

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			30.Ha	zardous	Waste D	etails			
Serial Number	Desci	ription	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	acks em	ission D	etails			
Serial Number	Section	ı & units		ed with ntity	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	Tuel to b	e used			
Serial Number	Tyj	pe of Fuel	43	Existing	र्विष्ठ	Proposed	7	Total	
1	Not	applicable	Y N	Not applicabl	.e N	Not applicabl	e	Not applicable	
33.Source o	f Fuel	7	Not a	pplicable	20	10/0			
34.Mode of	Transportat	tion of fuel to	site Not a	pplicable		N			
		B	F A	.0\$	20.	1 3	E		
			Ä	35.E	nergy	y	R		
		Source of supply:	power	MSEDCL		怎	K		
		During Co Phase: (De Load)	nstruction emand	75 KW		N. A.	G.		
		DG set as back-up de constructi	uring	82.5 KVA					
D.		During Opphase (Conload):	eration nnected	1189 KW					
Pov require		During Opphase (Depload):		837 KW					
		Transform	er:	1Nos. of 630 KVA, 1 Nos. of 315 KVA					
DG set as Power back-up during operation phase:				1 Nos. of 160 KVA					
		Fuel used:		Diesel	49				
	Details of high tension line passing through the plot if any:								
			gy saving						

Use of CFL / LED lamps in all public/ common areas.

Solar powered water heating . Electronic V3F Drives for Elevators

Solar PV Panel power for common area lighting.

36.Detail calculations & % of saving:

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Serial Number	Energy Conservation Measures							Saving %	
1	Solar PV Panels						1	1475 KWH / Anum	
2		Timer L	ogic Controll	er		39748 KWH / Anum			
3		Electronic V	V3F drive for	Lifts			(6535 KWH / Anum	
4		Solar V	Water Heater				72	23840 KWH / Anum	
		37	.Details	of pollut	ion c	ontrol 9	Syster	ms	
Source	1	Existing pol	lution contr	ol system			Pro	posed to be installed	
Water pollution		No	ot applicable					STP	
Noise Pollution		No	ot applicable	w[()	HY	Ten	Acou	stic enclouser to DG set	
Solid waste managemen		No	ot applicable	न्त्रेवव	fef		Mecl	hanical composting unit	
Air pollution due to traffic and DG set	n	No	ot applicable			3793		Canopy, green bealt	
Budgetary		Capital co	st:	77.5/- lakhs			50		
(Capital o		O & M cos	t:	2.0 /-lakhs/	pa	Λ_()	7	E	
38	.Envir	onment	tal Man	ageme	ent p	olan B	udge	etary Allocation	
		a)	Construc	tion pha	ase (v	vith Bre	eak-uj	p):	
Serial Number	Attri	butes	Parar	neter		Total	Cost p	er annum (Rs. In Lacs)	
1	Erosion	control	dust sup measures, l and to preser	parricading p soil	मु	1914		0.20	
2		itation & fety	Proper ch water and	annel for drainage	0.50				
3		nmental toring	Air, water noise mo			0.35			
4	Disinf	ection	pest c	ontrol			nt	0.30	
5	Health (Check up	Health	camp		G	ш	0.20	
		b) Operati	ion Phas	e (wi	th Brea	k-up)):	
Serial Number	Comp	onent	Descr	iption	Capi	tal cost R Lacs	s. In	Operational and Maintenance cost (Rs. in Lacs/yr)	
1	Sewage t	treatment	Installat operatio		a	70.20	H	10.50	
2		mecha waste compost gement installat operatio		ing unit ion and		20.75		4.5	
3	Rain water	harvesting	constru recharge pi with inter	ts and bore		3.0		0.5	
4		water orking	Piping uj disp			14.50		1.00	
5	Land	scape	Plant	ation		8.96		1.44	

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6	Energy	energy conservation measures	77.5	2
7	Safety training and awarness	training to residents	9.0	0
8	Environmental monitoring	Air, water, noise and soil monitoring and analysis	0	1.60
9	Water tanker (in case of shortage of water)	Water tanker	0	1.50

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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	RZ/ RRZ clearance btain, if any:	NA
Pr Cr ar ar	istance from rotected Areas / ritically Polluted reas / Eco-sensitive reas/ inter-State oundaries	NA
sc	ategory as per chedule of EIA otification sheet	8 (a) B2
	ourt cases pending any	NA
	ther Relevant nformations	NA DATO
su A _I	ave you previously ubmitted pplication online n MOEF Website.	No aalgood
	ate of online ubmission	

3. The proposal has been considered by SEIAA in its 164th 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	Nil.
II	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
III	PP to submit CER plan to Municipal Commissioner, and submit the Acknowledgement copy to submit to Member Secretary, SEIAA.
IV	SEIAA decided to grant EC for: FSI: 15837.33 m2, Non FSI: 9882.64 m2 & Total BUA:25719.39 m2. (IOD no. CC/2233/18 Approval Date- 23.10.2018)

General Conditions:

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.

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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.
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

Shri. Anil Diggikar (Member Secretary SEIAA)

- 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 PUNE
- 6. MUNICIPAL COMMISSIONER SATARA
- 7. REGIONAL OFFICE MPCB PUNE
- 8. REGIONAL OFFICE MIDC PUNE
- 9. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
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