

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:May 15, 2019

M/s. Indiabulls Infraestate Ltd. (Joint Development with M/s, Oricon Properties Pvt. Ltd.) - Mr. Purav

Kiranbhai Acharya at C.S. No. 128, 129 & 130, Lower Parel Division, G/S ward, Dr. E. Moses Road, Worli, Mumbai- 400 018. State-Maharashtra.

Subject:

Environment Clearance for Application for Amendment in Environment Clearance of "Proposed redevelopment project" at plot bearing C.S. No. 128,129 & 130, Lower Parel Division, G/S ward, Dr. E. Moses Road, Worli, Mumbai- 400 018. State- Maharashtra by M/s. Indiabulls Infraestate Ltd. (Joint Development

with M/s. Oricon Properties Pvt. Ltd.)

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 90th 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-II under screening category 8(a) B2 Category as per EIA Notification 2006.

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

1 10	
1.Name of Project	"Proposed redevelopment project" at plot bearing C.S. No. 128,129 & 130, Lower Parel Division, G/S ward, Dr. E. Moses Road, Worli, Mumbai- 400 018. State- Maharashtra by M/s. Indiabulls Infraestate Ltd. (Joint Development with M/s. Oricon Properties Pvt. Ltd.)
2.Type of institution	Private
3.Name of Project Proponent	M/s, Indiabulls Infraestate Ltd. (Joint Development with M/s. Oricon Properties Pvt. Ltd.)- Mr. Purav Kiranbhai Acharya
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd., F-7, Road No. 21, Wagle Estate, Thane (West)-400604, Maharashtra
5. Type of project	Mixed Redevelopment project comprising of rehabilitation building with shops, residential & commercial sale buildings and reservation secondary school building.
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion/Diversification
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	We have received Environment Clearance from SEIAA, Government of Maharashtra for existing proposal (File no. SEAC-2013/C.R.502/ TC-1 dated 01.12.2014)
8.Location of the project	C.S. No. 128, 129 & 130, Lower Parel Division, G/S ward, Dr. E. Moses Road, Worli, Mumbai- 400 018. State- Maharashtra.
9.Taluka	Mumbai
10.Village	Mumbai
Correspondence Name:	Mr. Purav Kiranbhai Acharya
Room Number:	-
Floor:	16th Floor
Building Name:	Indiabulls Finance Centre
Road/Street Name:	612-613, Senapati Bapat Marg
Locality:	Elphinstone Mills Compound
City:	Mumbai-400013
11.Area of the project	Municipal Corporation of Greater Mumbai

SEIAA Meeting No: 164 Meeting Date: April 12, 2019 (SEIAA-STATEMENT-0000000453) **SEIAA-MINUTES-0000001892** SEIAA-EC-0000001525

SEIAA)

Shri. Anil Diggikar (Member Secretary

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	We have received IOD from MCGM having File no. EB/7060/GS/A dated 27.06.2014 for existing proposal and We have applied for revised proposal having application File no. CHE/CTY/0654/GS/337 (NEW) for the amended plans as per revised scheme					
12.IOD/IOA/Concession/Plan Approval Number	OD/IOA/Concession/Plan Approval Number: We have received IOD from MCGM having File o. EB/7060/GS/A dated 27.06.2014 for existing proposal and We have applied for revised roposal having application File no.CHE/CTY/0654/GS/337 (NEW) for the amended plans as per evised scheme.					
	Approved Built-up Area: 56857					
13.Note on the initiated work (If applicable)	No work has been started yet, except shore piling abutting to MMRCL-3 line.					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MHADA NOC received on dated 06.06.2013 and revalidated on 05.04.2018; MMRCL NOC received on dated 08.12.2017					
15.Total Plot Area (sq. m.)	7810					
16.Deductions	-					
17.Net Plot area	7810					
	FSI area (sq. m.): 56857					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): 76957					
1011 101)	Total BUA area (sq. m.): 133814					
	Approved FSI area (sq. m.): 56857					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 76957					
Dek	Date of Approval: 27-06-2014					
19.Total ground coverage (m2)	3857					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49.38					
21.Estimated cost of the project	7238900000					

			22.P	roduct	tion Details				
Serial Number	Produ	ıct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)			
1	Not appli	icable	Not app	plicable	Not applicable	Not applicable			
		2	3.Tota	l Wate	r Requirement				
	S	Source of v	vater	Municipal (Corporation of Greater Mu	mbai (MCGM)			
	F	resh wate	r (CMD):	210					
		Recycled w Flushing (C		136					
		Recycled w Gardening		8					
	S	Swimming nake up (C	pool Cum):	88	M-				
Dry season:		Total Wate Requireme		422	707				
	U	Fire fightir Indergrou ank(CMD)	nd water	700					
	O	Fire fightir Overhead v ank(CMD)	vater	100					
	E	Excess trea	ted water	79					
	S	Source of v	vater	Municipal (Corporation of Greater Mu	mbai (MCGM)			
	F	resh wate	r (CMD):	210					
	R F	Recycled w Flushing (C	ater - CMD):	136					
	R	Recycled w Gardening	ater - (CMD):						
	S	Swimming nake up (C	pool Cum):	8					
Wet season:		Total Wate Requireme		414					
	U	Fire fightin Indergrou ank(CMD)	nd water	700					
	0	Fire fightir Overhead v ank(CMD)	vater	100					
	E	Excess trea	ted water	87					
Details of Sypool (If any)	wimming N	Not Applica	ole			UI			

Maharashtra

	24.Details of Total water consumed											
Particula rs	Consumption (CMD)				Loss (CMD))	Effluent (CMD)					
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total			
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
		Level of th water table		1.50 m to 3	.40 m							
		Size and not tank(s) and Quantity:		4 nos. of RV	WH tank hav	ing total cap	acity 235 m3	3				
		Location o tank(s):	f the RWH	Basement 1	. level	YY L						
		Quantity o pits:	f recharge	1 no. of Rin	g well consis	sting 6 nos. o	of recharge p	oits				
25.Rain V Harvestii		Size of rec	harge pits	1 no. of Rin nos. of rech	g well havin arge pits ha	g size 6.0 x 3 ving 1.20 m	3.60 x 6.60 m diameter in	n, which cons size.	sists of 6			
(RWH)		Budgetary (Capital co	allocation st) :	Rs.7.75 Lal	rh .	9	The second					
		Budgetary (O & M cos	allocation st) :	Rs.0.40 Lakh/year								
		Details of if any:	UGT tanks	Wing A (Building 1) (Rehab redevelop): UGT (Domestic) 100m3, UGT (Flushing) 50m3, UGT (Fire Fighting) 200 m3; Sale (Building 2) (Residential building): UGT (Domestic) 75 m3, UGT (Flushing) 38 m3, UGT (Fire Fighting) 200 m3, Sale (Building 2A) (Commercial building): UGT (Domestic) 35 m3, UGT (Flushing) 40 m3, UGT (Fire Fighting) 200 m3; Reservation Secondary School (Building 3): UGT (Domestic) 8.50 m3, UGT (Flushing) 10.50 m3, UGT (Fire Fighting) 100 m3								
		40	13			A /	L					
		Natural wa drainage p	nter attern:	Along the road side								
26.Storm drainage		Quantity o water:	f storm	0.107 m3/sec								
		Size of SW	D: \	Maximum 450 mm								
				42442								
		Sewage ge in KLD:	neration	314 m3/day	7							
			ology:	Moving bed bio reactor (MBBR)								
27.Sewa Waste w	nge and	Capacity o (CMD):	f STP	1.Wing A (Rehab redevelop)- STP-1- 135 m3/day; 2.Residential Building (Sale) - STP-2- 100 m3/day; 3.Commercial Building (Sale) - STP-3- 70 m3/day; 4.Reservation Secondary Building- STP-4- 20 m3/day								
Waste w	ater	Location & the STP:	area of	Basement Level; Area of STP - 260 m2								
		Budgetary (Capital co	allocation ost):	Rs.42.25 La	nkh							
		Budgetary (O & M cos	allocation st):	Rs.15.50 Lakh/year								

	28.Solie	d waste Management			
Marks managetion in	Waste generation:	485 kg/day			
Waste generation in the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Disposal of the construction waste debris: Debris generated will be sent to the authorized debris disposal site as per "Construction and Demolition and De-silting Waste (Management and Disposal) Rules 2006.			
	Dry waste:	321 kg/day			
	Wet waste:	602 kg/day			
Wasta ganaration	Hazardous waste:	Not applicable			
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not Applicable			
	STP Sludge (Dry sludge):	3 kg/day			
	Others if any:	E-waste: 10 kg/day; Inert Waste: 70 kg/day			
	Dry waste:	Dry garbage will be segregated & disposed of to recyclers.			
	Wet waste:	Wet garbage will be treated by using Organic waste converter machine.			
	Hazardous waste:	Not Applicable			
Mode of Disposal of waste:	Biomedical waste (If applicable):	Not Applicable			
	STP Sludge (Dry sludge):	Dry sludge can be used as manure for plantation & gardening purposes inside the premise.			
	Others if any:	E-Waste: handed over to authorized recyclers			
	Location(s):	Basement 1			
Area requirement:	Area for the storage of waste & other material:	30 m2			
	Area for machinery:	45 m2			
Budgetary allocation (Capital cost and	Capital cost:	Rs.13 Lakh			
O&M cost):	O & M cost:	Rs.3.90 Lakh/year			

	29.Effluent Charecterestics								
Serial Number	Parameters	Unit	Unit Inlet Effluent Out		Effluent discharge standards (MPCB)				
1	Not applicable	Not applicable							
Amount of e	effluent generation	Not applica	Not applicable						
Capacity of	the ETP:	Not applicable							
Amount of t recycled:	Amount of treated effluent recycled:		Not applicable						
Amount of v	vater send to the CETP:	Not applicable							
Membership	o of CETP (if require):	Not applicable							
Note on ETI	P technology to be used	Not applicable							
Disposal of	the ETP sludge	Not applicable							



			3	0.H a	zardous	Waste D	etails				
Serial Number	Desci	ription	Ca	at	UOM	Existing	Proposed	Tot	al	Method of Disposal	
1	Not ap	plicable	Ne appli	ot cable	Not applicable	Not applicable	Not applicable	Not applicable		Not applicable	
			3	31.St	acks em	ission Do	etails				
Serial Number					ed with ntity	Stack No.	Height from ground level (m)	Inter diam (m	eter 1emp. 01 Exhaus		
1	Not ap	plicable	N	lot app	olicable	Not applicable	Not applicable	No applio		Not applicable	
			32	2.De	tails of F	uel to be	e used				
Serial Number	Tyl	e of Fuel		~	Existing	HMIZ	Proposed			Total	
1	Not	applicable	10	1	lot applicabl	e N	Vot applicabl	.e		Not applicable	
Source of F		-	77		pplicable	TETED	Z Z				
Mode of Tra	nsportation	of fuel to sit	:e	Not a	pplicable	3/	20 V	\angle			
		N	7 9	7			197/	<u> </u>			
			\ \Q		33.Ei	iergy	30	VI	_		
		Source of supply:	power		Brihanmumbai Electric Supply and Transport (BEST)						
		During Co Phase: (De Load)	nstruc emand	tion	1000 kW						
		DG set as Power back-up during construction phase		500 kVA							
		During Opphase (Corload):	eratio nnecte	n ed	11668 kW						
Pov require	ver ement:	During Opphase (Deployed):	eratio mand	n	5235 kW						
		Transformer:			Wing A (Rehab redevelop):1 No. x 1000 kVA; Residential Building (Sale): 2 No. x 1250 kVA; Commercial Building (Sale): 2 No. x 1010 kVA; School Building (Reservation Secondary School): 1 No. x 250 kVA						
			Power uring phase		Wing A (Rehab redevelop):1 No. x 315 kVA; Residential Building (Sale):1 No. x 1250 kVA; Commercial Building (Sale): 2 No. x 1010 kVA; School Building (Reservation Secondary School):1 No. x 125 kVA						
		Fuel used:			Diesel				4		
		Details of high tension line passing through the plot if any:			Not Applicable						

34. Energy saving by non-conventional method:

The following Energy Conservation Methods are proposed in the project:

1. Use of energy efficient, BEE labeled electrical fixtures. Use of T5 tubes having 2.5 to 3 times life over conventional tubes and hence rate of disposal of tubes will be reduced drastically.

2. Energy efficient fluorescent tube lights & Light Emitting Diode (LED) lamps which give approx. 30% more light output

for the same watts consumed and therefore require less nos. of fixtures.

3. LED lighting is complimentary in Residential as in day time, it is used effectively in night time in Common areas like staircase, area lighting.

4. Total % saving: 21%.

36.Detail calculations & % of saving: Serial **Energy Conservation Measures** Saving % Number

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1	1. Use of energy efficient, BEE labeled electrical fixtures. Use of T5 tubes having 2.5 to 3 times list over conventional tubes and hence rate of disposatubes will be reduced drastically. 2. Energy efficiently fluorescent tube lights & Light Emitting Diode (LI lamps which give approx. 30% more light output the same watts consumed and therefore require lands. of fixtures. 3. LED lighting is complimentary Residential as in day time, it is used effectively in hight time in Common are								2	1		
		3	7.Details	of pol	lution	1 C(ontrol S	vste	ems			
Source	Е		lution contro				'			be install	ed	
Not applicable		N	ot applicable	<u> </u>					Not ap	plicable		
Budgetary	allocation	Capital o	cost:	Rs.48.7	0 Lakh	$\overline{\Lambda}$						
(Capital O&M	cost and cost):	0 & M c	ost: 🔨	Rs.5 La	kh/year	7	Trans					
		nmei	ıtal Mar	agei	ment	n	lan Bi	ıda	etary	Alloca	ation	
- 50	, L 11 V 11) Construc							7111000	1011	
Serial		<	1		piidse	1 11	14/00	WZ	7			
Number	Attr	ibutes	Parar	neter	(0)		Total (Cost	per annu	m (Rs. In I	Lacs)	
1		ray for dust ression	pH, Colou turbidit hard	y, Total		3	,	3	3.60			
2	Site S	anitation	Disinfo	ection	1	٨	A	2	5.00			
3	Disir	nfection	Disinfo	ection		H	1_0		3.45	,		
4	Health	Check up	Mon	Monthly				20.00				
5	Safety Protective	Personal Equipment	Safety jack shoes, He	Safety jacket, Safety shoes, Helmet, Belt				6.45				
6	Traffic M	Ianagement	Constru Maintenan		nds		\geq .	8	3.00			
7	Safe	ty nets	2-62				-	1	3.50			
8	veȟicle n	eaning and naintenance	446	washing	DI I	15	1979		1.50			
9	ba	ng and Nois rriers	plantation		NV 77	3		20.0	5.50			
10		onmental litoring	Air, Water Noise mo	onitoring	トン	Y	5.00					
	1		b) Operat i	ion Pi		_		_	-			
Serial Number		ponent	Descri			Capital cost Rs. In Lacs Operational and Ma		Maintenance Lacs/yr)				
1	P	Treatment lant	4 Nos. of S total capaci	STP havi ty 325 K	ng LD		42.25		. U	15.50	0	
2	Mana	l Waste agement	Compo		1		13.00		14.00	3.90		
3	and Sto	Rain water Harvesting and Storm Water Management		Channelizing and maintenance of rain water harvesting			7.75	L		0.40		
4	Landscap	e/Gardenino	g RG A	RG Area			3.09			0.55		
5	Energy C	Energy Conservation Solar 48.70			5.00							
6	Mon	Environment Air, Water, Soil and Monitoring Noise Monitoring			J	15.00						
39.S	torage	e of ch	emicals	(infl sub	ama stan	bl ce	e/explo s)	osi	ve/haz	zardou	s/toxic	
Descri	ption	Status	Location	Location Stor Cap in			Maximum Quantity of Storage at any point of time in MT		sumption Ionth in MT	Source of Supply	Means of transportation	

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Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Any Other Information							
No Information Availa	ble						



CRZ/ RRZ clearance obtain, if any:	Not Applicable
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
Category as per schedule of EIA Notification sheet	8(a) B2 Category
Court cases pending if any	Not Applicable
Other Relevant Informations	-
Have you previously submitted Application online on MOEF Website.	No Otto
Date of online submission	130000000000000000000000000000000000000

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	During deliberation on the project location, it is noted that letter from Mumbai Metro Rail Corporation Limited dated 8/1/2019 had stipulated in para 5 that- "The said proposal has been reviewed by our General Consultant and considering the proximity of proposed underground Metro tunnels, the revised proposal of 'wing A' has been shared by our General consultant with uGC-03 contractor to check impact on design of MML-3 temporary and permanent works. And, any remarks received from UGC-03 JV on the proposed development shall be notified to the Applicant in due course' Also' the Applicant had submitted an Undertaking along with supporting documents dated 28/11/2017 agreeing to the conditions requested by GC. Further, the-Applicant has also submitted an Undertaking dated 7/1/2019 abiding by the conditions stipulated by uGC-03' The Dy' cE (BP)' MCGM is requested to ensure that, the Applicant fully complies and honors all the commitments of their Undertakings referred at (6) and (9) above" PP to submit the details complying with the above said condition.
п	In the above said letter Para 6 (viii) stipulates that- "Considering the complexity of interaction between proposed development and metro tunnels, MCGM shall ensure that the Applicant does proof check his designs from reputed institution such as IIT-Mumbai or VJTI as accepted by the Applicant by Undertaking dated 28/I I/20 I 7". PP to submit the details complying with the above said condition.
III	Besides this, PP to submit the architect certificate regarding construction done on site for rehab building .
IV	PP to submit & upload the undertaking submitted to Mumbai Metro Rail Corporation Limited.
V	PP to ensure that the STP should be with ventilation of minimum 40% open to sky
VI	PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area, as identified by Environment Department
VII	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.
VIII	PP to submit CER plan to Municipal Commissioner, and submit the Acknowledgement copy to submit to Member Secretary, SEIAA.

General Conditions:

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I	E-waste shall be disposed 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.

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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.
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.

- 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. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
- 2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
- 3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
- 4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
- 5. SECRETARY MOEF & CC
- 6. IA- DIVISION MOEF & CC
- 7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL
- 8. REGIONAL OFFICE MOEF & CC NAGPUR
- 9. MUNICIPAL COMMISSIONER MUMBAI
- 10. MUNICIPAL COMMISSIONER NAVI MUMBAI
- 11. REGIONAL OFFICE MPCB MUMBAI
- 12. REGIONAL OFFICE MPCB NAVI MUMBAI
- 13. REGIONAL OFFICE MIDC ANDHERI
- 14. REGIONAL OFFICE MIDC KOPER KHAIRANE NAVI MUMBAI
- 15. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
- **16.** COLLECTOR OFFICE MUMBAI

17. COLLECTOR OFFICE MUMBAI SUB-URBAN

Shri. Anil Diggikar (Member Secretary SEIAA)