

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:May 28, 2019

To, Nagpal Landmarks at S. No. 38/1A/A/1+ S.No. 44,

Subject: Environment Clearance for Expansion of Residential Project

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 85th 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 167th 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 Project'				
2.Type of institution	Private				
3.Name of Project Proponent	Nagpal Landmarks				
4.Name of Consultant	Sneha Hi-Tech Products				
5.Type of project	Housing 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	Not applicable				
8.Location of the project	S. No. 38/1A/A/1+ S.No. 44,				
9.Taluka	Haveli				
10.Village	Kharadi				
Correspondence Name:	Mr. Samir Patil				
Room Number:					
Floor:	1st floor				
Building Name:	Kumar Capital				
Road/Street Name:	2413, East Street				
Locality:	Camp				
City:	Pune - 411001				
11.Area of the project	Pune Municipal Corporation				
	DPO no. 0416/16 dated 26/05/2016. Applied for Revised Sanction.				
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: DPO no. 0416/16 dated 26/05/2016				
	Approved Built-up Area: 72869.23				
13.Note on the initiated work (If applicable)	18678.14 Sq.m of total construction area is completed				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	29500 Sq. m.				
16.Deductions	10,137.65 Sq. m.				
17.Net Plot area	19,362.35 Sg. m.				

	<b>FSI area (sq. m.):</b> 37323.53 sq.m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	<b>Non FSI area (sq. m.):</b> 32889.18 sq. m.
	Total BUA area (sq. m.): 70212.71
	Approved FSI area (sq. m.): 39980.05 sq.m.
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 32889.18 sq.m.
	Date of Approval: 26-05-2016
19.Total ground coverage (m2)	9022.90 Sq. m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	33 %
21.Estimated cost of the project	830700000



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			22.P	<b>Product</b>	ion Details				
Serial Number	Pro	duct	Existing	(MT/M)	(MT/M) Proposed (MT/M) Total (M				
1	Not ap	Not applicable Not app		plicable	Not applicable	Not applicable			
		2	3.Tota	l Wate	l Water Requirement				
		Source of	water	PMC/Recyc	led water				
		Fresh wate	er (CMD):	231 m3/day	7				
		Recycled w Flushing (	CMD):	118 m3/day	7				
		Recycled w Gardening	(CMD):	16 m3/day					
		Swimming make up (	pool Cum):	Nil	M				
Dry seasor	1:	Total Wate Requireme :		365 m3/day	TO TO T				
	t E C		Fire fighting - Underground water tank(CMD):		I a contraction	>			
			Fire fighting - Overhead water tank(CMD):		140 m3/day				
		Excess trea	ated water	165 m3/day	31 1 21				
		Source of	water	PMC/Recyc	led water				
		Fresh wate		231 m3/day					
			vater - CMD):	118 m3/day					
		Recycled w Gardening	(CMD):	NI					
		Swimming pool make up (Cum):		Nil					
Wet season:	Total Wate Requireme :	Total Water Requirement (CMD) :		349 m3/day					
	Fire fightin Undergrou tank(CMD)	nd water	375 m3/day						
		Fire fightin Overhead tank(CMD)	water	140 m3/day					
		Excess trea	ated water	181 m3/day					
Details of pool (If an	Swimming y)	NA	VG		Incit				

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		2	4.Detail	s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	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		8-9 m							
		Size and n tank(s) an Quantity:		NA	$\sim$						
		Location o tank(s):	f the RWH	NA	I JA	Y/L					
25.Rain V		Quantity o pits:	f recharge	9 nos.	धिक	(Jan)					
Harvestiı (RWH)	ıy	Size of recharge pits		5.00 m x 2.	50 m, Depth:	: 2.50 m	久				
E		Budgetary allocation (Capital cost) :		Rs.14.60 Lakhs							
	Budgetary alloc (O & M cost) :		allocation st) :	Rs. 2.40 Lakhs/Years							
		Details of if any :	UGT tanks	Fire Tank : 350 m3 Domestic Water Tank: 347.5 m3 Flushing water tank: 120 m3							
		E	Ħ			た	A				
		Natural wa drainage p		North to Sc	outh	E	R				
26.Storm drainage	26.Storm water drainage		f storm	0.32 cum/sec							
		Size of SW	D:	450 mm X 450 mm (D) Channel							
				. ज्यस्ट	THX'	AWX	7				
		Sewage ge in KLD:	neration	314 m3/day							
		STP techno	ology:	MBBR							
	an and	Capacity o (CMD):	f STP	330 m3/day : 150 m3/day (Existing) + 180 m3/day (Proposed)							
27.Sewa Waste w	vater	Location & the STP:	area of	150 m2 0 0 0 0 0 0 0							
		Budgetary (Capital co	allocation ost):	Rs. 29.00 L	akhs						
		Budgetary (0 & M cos	allocation	Rs.10.26 La	khs/years						

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28.Solid waste Management					
Masta constian in	Waste generation:	12.5 kg/day from labours			
Waste generation in the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be used for back filling and remaining will be hand over to authorize vendor			
	Dry waste:	538 kg/day			
	Wet waste:	775 kg/day			
Wasta gaparation	Hazardous waste:	NA			
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA			
	STP Sludge (Dry sludge):	7 kg/day (Dry sludge)			
	Others if any:	E-waste: Negligible			
-	Dry waste:	Dry waste will be collected by authorized vendor			
	Wet waste:	Wet waste will be processed in composter to obtain manure			
	Hazardous waste:	NA			
Mode of Disposal of waste:	Biomedical waste (If applicable):	NA			
	STP Sludge (Dry sludge):	To be used as manure			
	Others if any:	NA ABA ABA			
	Location(s):	Ground level			
Area requirement:	Area for the storage of waste & other material:	66 sq. m.			
	Area for machinery:	30 sq. m.			
Budgetary allocation	Capital cost:	Rs. 25.75 Lakhs			
(Capital cost and O&M cost):	O & M cost:	Rs. 5.91 Lakhs/year			

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	29.Effluent Charecterestics							
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)			
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
Amount of e (CMD):	effluent generation	Not applica	ble					
Capacity of	the ETP:	Not applicable						
Amount of treated effluent recycled :		Not applicable						
Amount of v	water send to the CETP:	Not applicable						
Membershi	p of CETP (if require):	Not applicable						
Note on ET	P technology to be used	Not applica	ble M					
Disposal of	the ETP sludge	Not applica	ble	A.4				



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Serial Number1Serial Number1Serial Number1Source of TurusMode of Trus	Not	•         • <td< th=""><th>Fuel Us Quan Not app <b>32.De</b> Not a e Not a</th><th>ed with ntity plicable</th><th>ission D Stack No. Not applicable</th><th>etails Height from ground level (m) Not applicable</th><th>Total Not applicable Internal diameter (m) Not applicable e</th><th>Method of Disposal         Not applicable         Temp. of Exhaust         Gases         Not applicable         Total         Not applicable</th></td<>	Fuel Us Quan Not app <b>32.De</b> Not a e Not a	ed with ntity plicable	ission D Stack No. Not applicable	etails Height from ground level (m) Not applicable	Total Not applicable Internal diameter (m) Not applicable e	Method of Disposal         Not applicable         Temp. of Exhaust         Gases         Not applicable         Total         Not applicable
Serial Number 1 Serial Number 1 Source of Fue	Section Not app Typ Not	& units blicable e of Fuel applicable of fuel to sit Source of f supply :	applicable 31.St Fuel Us Quan Not app 32.De Not a e Not a	applicable cacks em ed with ntity plicable tails of F Existing Not applicable pplicable	applicable ission D Stack No. Not applicable	applicable etails Height from ground level (m) Not applicable e used Proposed	applicable Internal diameter (m) Not applicable	Temp. of Exhaust Gases Not applicable Total
Number 1 Serial Number 1 Source of Fue	Not app <b>Typ</b> Not	olicable <b>e of Fuel</b> applicable of fuel to sit <b>Source of J</b> <b>supply :</b>	Fuel Us Quan Not app <b>32.De</b> Not a e Not a	eed with ntity plicable tails of F Existing Not applicable pplicable	Stack No. Not applicable Fuel to be le	Height from ground level (m) Not applicable e used Proposed	diameter (m) Not applicable	Gases Not applicable Total
Number 1 Serial Number 1 Source of Fue	Not app <b>Typ</b> Not	olicable <b>e of Fuel</b> applicable of fuel to sit <b>Source of J</b> <b>supply :</b>	Quan Not app 32.De	ntity plicable tails of F Existing Not applicable pplicable	Not applicable Fuel to be	from ground level (m) Not applicable e used Proposed	diameter (m) Not applicable	Gases Not applicable Total
Serial Number 1 Source of Fue	<b>Typ</b> Not	e of Fuel applicable of fuel to sit Source of f supply :	32.De	tails of F Existing Not applicable pplicable	applicable	applicable e used Proposed	applicable	Total
Number1Source of Fuel	Not	applicable of fuel to sit Source of 1 supply :	Not a e Not a	Existing lot applicabl pplicable pplicable		Proposed	e	
Number1Source of Fuel	Not	applicable of fuel to sit Source of 1 supply :	e Not a	lot applicabl pplicable pplicable			e	
Source of Fue	el	of fuel to sit	e Not a	pplicable pplicable		Vot applicabl	e 7	Not applicable
		Source of p supply :	e Not a	pplicable	Terov		75	
Mode of Trans	sportation	Source of p supply :	1 95		Acrow		L.	
		supply :	power	33.E	DOLON	1 / No	12.	
		supply :	power	33.Eı	noraw			
		supply :	power			20	V-1	
				MSEDCL	5 4	3	R	
		During Cor Phase: (De Load)	nstruction mand	50 KW		0, 1	B	
	DG set as P back-up du constructio During Ope phase (Con load):		<b>ring</b> 1 X 62.5 KV		JA	the	E	
			eration inected 3,593 KW					
Powe requiren	ver During Operation			1,868 KW	ा मुद्रा थे	A A	F	
		Transform	er: 🖌 🏒	3 nos. X 63	0 KVA	(H		
	DG set as back-up d operation		iring	1 no. X 300	) KVA	$\sim$		
		Fuel used:	<u> </u>	HSD				
		Details of l tension lin through th any:	igh passing the man of the state of the stat					
		34.Ene	rgy savi	ng by no	n-conver	ntional m	ethod:	
? Auto timer c ? Solar powerd ? Electronic V	red water h /3F Drives	h LED for ex neating	ternal & con			ht	ra	
? Use of solar	ev panel	3	6.Detail	calculati	ions & %	of savin	q:	
Serial Number	E	nergy Conse					Saving	%
1		Solar Ener	rgy ( PV Pan	els)			1.25	
2	Auto	o. Timer Logi					1.88	
3		9	/VF drive for				2.82	
4			er heater Sys				21.09	)
			÷		ion cont	rol Syste	ms	
Source	Exi	isting pollu				<u> </u>	posed to be	e installed

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Not applicable	Not applicable						Not ap	plicable	
Budgetary	vallocation Capital cost: Rs. 62.5			5 Lakhs					
(Capitaľ O&M	cost): 0 & M cost:			Rs.1.25	Lakhs/An	num			
38	<b>B.Envir</b>	onmen	tal Man	ager	ment	plan Bı	udgetary	Alloca	ation
			Construc						
Serial Number	Attri	butes	Parar	neter		Total (	Cost per annu	m (Rs. In I	Lacs)
1	system,	prinkling Air noise toring	Air envir	ronment			1.5		
2	Construct	Vater For ion, Water toring	Water Env	vironmer	nt	12.	2.5		
3	To mainta cond	in hygienic lition	Site Sani Saf			UT A	ζ 5		
4	Air, water soil ai	, noise and nalysis	Environ Monit	imental coring	वाय	575	2		
5	Control, Facilitie Check Up	tion- Pest First Aid s, Health , Personal Equipment		conomic nment		1	8		
6	Site bar	ricading	Noise Env	vironmen	it <b>P</b>		2		
7	enviror	re team for nmental gement	Enviro Manager			3	7.8	>	
8									
			) Operati	ion Ph	nase (w	ith Breal	k-up):		
Serial Number	Comp	onent	Descri	iption	Сар	ital cost Rs Lacs	. In Opera c	tional and ost (Rs. in	Maintenance Lacs/yr)
		onent Harvesting	<b>Descr</b> To harvest		-		. In Opera c	tional and ost (Rs. in 2.40	Lacs/yr)
Number	Rain Water Sewage 7		To harvest		ter	Lacs	. In Opera c	ost (Rs. in	Lacs/yr)
Number 1	Rain Water Sewage T Pla Organi	Harvesting Freatment	To harvest	rain wat sewage degrada	ter स्थामु	Lacs 14.60	. In Opera c	ost (Rs. in 2.40	Lacs/yr)
Number     1     2	Rain Water Sewage T Pla Organi Comp	Harvesting Treatment ant c Waste	To harvest To treat To treat bio solid	rain wat sewage degrada waste en belt	ter स्थामु	Lacs 14.60 29	. In Opera c	ost (Rs. in 2.40 10.26	Lacs/yr)
Number           1           2           3	Rain Water Sewage T Pla Organi Comp Tree Pla	Harvesting Freatment ant c Waste osting	To harvest To treat To treat bio solid For gre	rain wat sewage degrada waste en belt pment of solar and solar	ter ble	Lacs 14.60 29 25.75	. In Opera c	ost (Rs. in 2.40 10.26 5.91	Lacs/yr) 6
Number           1           2           3           4	Rain Water Sewage T Pla Organi Comp Tree Pla Energy Enviro	Harvesting Treatment ant c Waste osting antation	To harvest To treat To treat bio solid For gre develo For use lighting a	rain wat sewage degrada waste en belt pment of solar and solar ter noise ar	ble	Lacs 14.60 29 25.75 15	. In Opera c	ost (Rs. in 2.40 10.26 5.91 2	Lacs/yr) 6
Number           1           2           3           4           5	Rain Water Sewage T Pla Organi Comp Tree Pla Energy Enviro Moni Enviro	Harvesting Treatment ant c Waste osting antation y saving onment	To harvest To treat To treat bio solid For gre develo For use lighting a hea Air, water,	rain wat sewage degrada waste en belt pment of solar and solar ter noise ar alysis	ter ble	Lacs 14.60 29 25.75 15	. In Opera c	ost (Rs. in 2.40 10.26 5.91 2 1.25	Lacs/yr) 6
Number           1           2           3           4           5           6           7           8	Rain Water Sewage 7 Pla Organi Comp Tree Pla Energy Energy Enviro Moni Enviro Manager	Harvesting Treatment ant c Waste osting antation y saving onment toring onment ment Cell	To harvest To treat bio solid For gre develo For use lighting a hea Air, water, soil an To ma environme	rain wat sewage degrada waste en belt pment of solar and solar and solar and solar and solar and solar ter noise ar alysis anage ntal issue tal	ter ble f nd es	Lacs 14.60 29 25.75 15 62.50  146.84		ost (Rs. in 2.40 10.20 5.91 2 1.25 3 7.2 32.02	Lacs/yr) 6
Number           1           2           3           4           5           6           7           8	Rain Water Sewage 7 Pla Organi Comp Tree Pla Energy Energy Enviro Moni Enviro Manager	Harvesting Treatment ant c Waste osting antation y saving onment toring onment ment Cell	To harvest To treat bio solid For gre develo For use lighting a hea Air, water, soil an To ma environme	rain wat sewage degrada waste en belt pment of solar and solar and solar and solar and solar and solar ter noise ar alysis anage ntal issue tal	ter ble f nd es	Lacs 14.60 29 25.75 15 62.50  146.84 le/exploses	. In Opera c	ost (Rs. in 2.40 10.20 5.91 2 1.25 3 7.2 32.02	Lacs/yr) 6
Number           1           2           3           4           5           6           7           8	Rain Water Sewage T Pla Organi Comp Tree Pla Energy Enviro Moni Enviro Manager	Harvesting Treatment ant c Waste osting antation v saving onment toring onment cell  of che Status	To harvest To treat bio solid For gre develo For use lighting a hea Air, water, soil an To ma environme	rain wat sewage degrada waste en belt pment of solar and solar ter noise ar alysis anage ntal issue tal	ter ble nd es storage Capacity in MT	Lacs 14.60 29 25.75 15 62.50 		ost (Rs. in 2.40 10.20 5.91 2 1.25 3 7.2 32.02 zardou Source of Supply	Lacs/yr) 6
Number           1           2           3           4           5           6           7           8 <b>39.S</b>	Rain Water Pla Organi Comp Tree Pla Energy Enviro Moni Enviro Manager	Harvesting Treatment ant c Waste osting antation v saving onment toring onment ment Cell	To harvest To treat To treat bio solid For gre develo For use lighting a hea Air, water, soil an To ma environme To	rain wat sewage degrada waste en belt pment of solar and solar and solar tal noise ar alysis anage ntal issue tal <b>(infl</b>	ter ble nd es amab stanc	Lacs 14.60 29 25.75 15 62.50 	consumption / Month in	ost (Rs. in 2.40 10.20 5.91 2 1.25 3 7.2 32.02 zardou Source of	Lacs/yr) 6 2 2 .s/toxic Means of
Number           1           2           3           4           5           6           7           8 <b>39.S</b> Description	Rain Water Pla Organi Comp Tree Pla Energy Enviro Moni Enviro Manager	Harvesting Treatment ant c Waste osting antation v saving onment toring onment ment Cell  of che Status	To harvest To treat bio solid For gre develo For use lighting a hea Air, water, soil an To ma environme To <b>micals</b>	rain wat sewage degrada waste en belt pment of solar and solar and solar tal subse tal (infl subse h	ter ble ble amab stance Storage Capacity in MT	Lacs 14.60 29 25.75 15 62.50 	consumption / Month in MT Not applicable	ost (Rs. in 2.40 10.26 5.91 2 1.25 3 7.2 32.02 zardou Source of Supply Not	Lacs/yr) 6 6 2 2 S/toxic Means of transportation

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CRZ/ RRZ clearance obtain, if any:	NA
Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
Category as per schedule of EIA Notification sheet	8 (a), B2
Court cases pending if any	NA
Other Relevant Informations	We have submitted application on PARIVESH/MOEF site, having proposal no. SIA/MH/NCP/89528/2018.
Have you previously submitted Application online on MOEF Website.	Yes
Date of online submission	24-12-2018

3. The proposal has been considered by SEIAA in its 167th 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: G

Specific	<b>Conditions</b> :
Specific	Conditions:

<b>Specific Conditions:</b>	AF ABA AF
Ι	PP to submit NOC for water supply.
II	PP to submit commitment to ensure adequate treatment of sewage during shifting from old STP to new STP.
III	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement copy to submitted to Member Secretary, SEIAA.
IV	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.
v	SEIAA decided to grant EC for :FSI: 37323.53 m2, Non-FSI: 32889.18 m2 and Total BUA: 70212.71 m2 (IOD no-CC/0416/16, Date-26.05.2016 and CC/3299/18, dated 22.01.2019)

### **General Conditions:**

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

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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.		
	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is		
XXXVII	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.		

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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.
Ц	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

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4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune),New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

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 BOARD MUMBAI
- 8. REGIONAL OFFICE MOEF & CC NAGPUR
- 9. MUNICIPAL COMMISSIONER PUNE
- **10.** MUNICIPAL COMMISSIONER SATARA
- **11.** REGIONAL OFFICE MPCB PUNE
- **12.** REGIONAL OFFICE MIDC PUNE
- 13. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
- **14.** COLLECTOR OFFICE PUNE
- **15.** COLLECTOR OFFICE SATARA
- **16.** COLLECTOR OFFICE SOLAPUR

# Waharashtra



