STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SIA/MH/MIS/118156/2019
Environment Department
Room No. 217, 2nd Floor,
Mantralaya,
Mumbai- 400032.
Date:31 .01.2020.

To
M/s. Nandan Associates,
S. No 23, 1C (part), H. No 2A (part)
+1B (part) + 2B + 2C (part) + 2D (part)
+ 2E (part) + 2E/1 (part) + 2E/2 (part),
Balewadi, Pune

Sub : Environment Clearance for Residential & Commercial expansion of Nandan Pro-Biz Complex" at S. No 23, 1C (part), H. No 2A (part) +1B (part) + 2B + 2C (part) + 2D (part) + 2E (part) + 2E/1 (part) + 2E/2 (part), Balewadi Pune by M/s. Nandan Associates.

Ref : Application no SIA/MH/MIS/118156/2019, dated 16.09.2019.

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-3 in its 96th meeting under screening category 8 (b) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 183rd meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

1.	Name of Project	Applied for expansion in project - Nandan Pro-Biz Complex by M/s. Nandan Associates, through it Partner & POAH on Plot No. "A", S. No 23, H.No.1C (part) , 2A (part) +1B (part) + 2B + 2C (part) + 2D (part) + 2E (part) + 2E/1 (part) + 2E/2 (part), Balewadi Pune Earlier Environment Clearance granted from SEAC-2016/C.R.424/TC-1 Environment department, SEIAA having file no. SEIAA-EC-0000000030 dated 24.04.17
	New project/ expansion in existing project / modernization / diversification in existing project	Expansion in EC
2.	Name, contact number & address of Project Proponent	M/s. Nandan Associates, through it Partner & POAH Office Address : Office No.406 & 407, 4th Floor, Amar Business Park, Baner Road, Near Sadanand Estate, Baner, Pune - 411045.
3.	Name, contact number & address of Consultant	ULTRA TECH (Environmental Consultancy & Laboratory) Address - Office no. 204, 1st floor, "Sapphire Chambers", Survey No. 15, Baner, Pune 411045 Phone No:020/ 27293044
4.	Accreditation of consultant (NABET Accreditation)	NABET/EIA/1720/RA0094

5.	Type of project : Housing project / Industrial Estate / SRA scheme / MHADA / Township or others	Residential & Commercial
6.	Location of the project	Plot No. "A", S. No 23, H.No.1C (part) , 2A (part) +1B (part) + 2B + 2C (part) + 2D (part) + 2E (part) + 2E/1 (part) + 2E/2 (part), Balewadi Pune
7.	Whether in Corporation / Municipal / other area	Pune Municipal Corporation
8.	Applicability of DCR	Pune Municipal Corporation
9.	IOD/IOA/Concession document or any other form or document as applicable (Clarifying its conformity with local planning rules & provision)	Layout no. CC/3944/18 dated 15.03.19
	IOD/ IOA/ Concession/ Plan Approval Number	Layout no. CC/3944/18 dated 15.03.19
	If expansion / diversification, whether environmental clearance has been obtained for existing project	Yes - Expansion We have received SEAC-2016/C.R.424/TC-1 Environment department, SEIAA having SEIAA-EC-0000000030 dated 24.04.17
10.	Note on the initiated work (If applicable)	We have started construction as per EC received, construction completed area is about 39,342.18 m^2 & Existing residential building A, C & D (Club House) was handed over to society & received the occupancy certificate for the same .
11.	LOI/NOC/IOD from MHADA/Other approvals (If applicable)	NA
12.	Total Plot Area (sq.m.)	As per EC: 15,338.72 / Amendment: 16,588.72
	Deductions	As per EC: 4,278.93 / Amendment: 2754.86 (Only Amenity Space)
	Net Plot area	As per EC: 11,059.79 / Amendment: 13,833.86
13.	Permissible FSI (including TDR etc.)	33,747.55 m^2 (Including TDR + Paid FSI etc.)
	FSI area	14,380.15 m^2
	TDR	12,450.47 m^2
	Paid FSI	6916.93 m^2
14.	Proposed Built-up Area (FSI & Non-FSI)	As per EC: 51,114.48 / Amendment: 77650.42 m^2
	FSI area	As per EC: 18,200.74 / Amendment: 33,746.96 m^2
	Non FSI	As per EC: 32,913.74 / Amendment: 43903.46 m^2
	Total Construction area	As per EC: 51,114.48 / Amendment: 77,650.42 m^2
15.	Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	As per EC: 6,102.61 / 39.79% / Amendment: 6,066.26 m^2 / 35.21%
16.	Estimated cost of the project (in Rs.)	As per EC: 103 Cr. / Change: 122.95 Cr. / Amendment: 225.95 Cr.

17.	Number of buildings & its configuration Given below,					
	Building Details	Building Configuration	Status	No. of Tenements	No. of shops / offices	Height in m
	Building A – As per EC, L.GR+U. GR+12 floors Wing A, Wing B and Wing C	LG+UG+12	Completed building	93	-	37.85
	Building B As per EC, 2B+ LG+UG+8 floors. 112 Shops, Food Court, Game Zone, Classes, Gym, 165 Offices	2 B+ LG + UG + 17 floors	under construction		112 Shops, Food Court, Game Zone, Classes-12, Gym, 159 Offices	69.78
	Building C As per EC - P+4	P + 4	Completed building	16		14.56
	Building D As per EC - - Club house	Ground floor	Completed building			4.27
	Parking building E As per EC - P+2+Terrace	- P+2+Terrace	Construction Yet to be started			9.00
	Total					

18.	Number of tenants and shops	As per EC	Amendment
		Total tenements: Residential- 109 Nos. Commercial complex- Shops 104 Nos., Food Court Coaching Class room – 12 Nos. , Gym & 42 Offices	Total tenements: Residential- 109 Nos. Shops: 112, Food Court, Game Zone, Classes – 12 Nos. , Gym , 159 Offices

19.	Number of expected residents/users	Details	As per EC	Amendment
		Residential Population	545	545
		Commercial Population	4987	5927
		Total	5532	6472

20.	Tenant density per hectare	250 tenant/hector
21.	Height of the building(s)	Maximum height 69.78 m
22.	Right of way (Width of the road from the nearest fire station to the proposed building(s)	18.00 m & 12.00 m wide road, Fire station at Aundh
23.	Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement is 9m and 7.50 m

24.	Existing structure(s) if any	Yes, partly completed as per EC - SEAC-2016/C.R.424/TC-1 Environment department, SEIAA having file no. SEIAA-EC-0000000030 dated 24.04.17 Completed constructed area is about 39,342.18 m^2 Existing residential building A, C & D (Club House) was handed over to society & received the occupancy certificate for the same .
25.	Details of the demolition with disposal(If applicable)	NA
26.	Total Water Requirement :	Sources of Water : PMC

Dry season:

	Residential (A, C & D)	Commercial (B & E)	Total
Fresh Water (CMD) :	50	90	140
Recycled water-Flushing(CMD):	25	160	185
Recycled water-Gardening (CMD):	3	7	10
HVAC Makeup water	Nil	Nil	-
Swimming pool makeup(Cum):	0	2	2
Total Water Requirement(CMD):	78	259	337
Fire-fighting-Underground water tank(CMD):	100	200	300
Fire fighting-Overhead water tank(CMD):	20	40	60
Excess treated water	35	43	78

Wet Season:

	Residential (A, C & D)	Commercial (B & E)	Total
Fresh Water (CMD) :	50	90	140
Recycled water-Flushing(CMD):	25	160	185
Recycled water-Gardening (CMD):	-	-	-
HVAC Makeup water	Nil	Nil	-
Swimming pool (2 nos.) makeup(Cum):	0	2	2
Total Water Requirement(CMD):	75	252	327
Fire-fighting-Underground water tank (CMD):	100	200	300
Fire fighting-Overhead water tank(CMD):	20	40	60
Excess treated water	38	50	85

27.	Details of Swimming pool (If any)	Dimension of Swimming Pool: 11.28 m X 6.13m X 1.2m Total water Requirement in m3: 83 Water requirement for make up in m3: 2.0m3daily approx. Budgetary allocation (Capital cost):8.50 Lakh (O&M cost): 1.50 Lakh / year.

28.	Rain Water Harvesting (RWH)	Level of the Ground water table:	36 m below ground level
		Size and no of RWH tank(s) and Quantity:	Size of RWH Pit- Dia 2.7 x 36mt Ht. Total no of RWH pits- 8 Nos
		Capacity of RWH tanks	NA
		Location of the RWH tank(s):	NA
		No. of Recharge pits	8 Nos.
		Budgetary allocation (Capital cost):	14.00 Lacs
		(O&M cost):	0.50 Lakh / year.
29.	Details of UGT tanks if any:	Domestic : 145 cum/day Flushing : 200 cum/day Fire : 300 cum/day	
30.	Storm water drainage	Natural water drainage pattern:	Natural water drainage pattern: Sloping from the West Side to East side of the plot, and towards N-W corner
		Quantity of storm water:	Quantity of storm water: 7,532.2m^3/year. Size varies from 300-600mm
		Size of SWD:	As per EC: 900 mm Amendment: Varies from 300-600mm due multiple discharge outlets
31.	Sewage and Waste water	Sewage generation (CMD):	As per EC: 231 m^3
		Capacity of STP (CMD):	As per EC: 260 CMD Amendment: 235 CMD for Building B & E and 70 CMD) Provision of STP for existing Building if necessary)
		STP technology:	MBBR (Anoxic Aerobic Process)
		Location & area of the STP:-	104.85 m2 (11.65m x 9.00m) – 235 KLD 46.20 m2 (15.40m x 3.00m) – 70 KLD Total -151.05 m^2
		Budgetary allocation (Capital cost):	Rs.105.86 Lakhs
		Budgetary allocation (O&M cost):	Rs.23.00 Lakhs/Annum
32.	Solid Waste Management		
	Waste generation in the Pre-Construction and Construction phase:	Waste generation:	37 kg/day MSW and Construction & Debris waste: 53,226.2 m^3
		Disposal of the construction waste debris:	Excavated earth material will be used for filling material for plinth area and top soil was used for landscaping
	Waste generation in the operation Phase:	Biodegradable (Wet) waste:	As per EC: 655 kg/day Amendment: 817 kg/day

	Residential and commercial	Non-Biodegradable (dry) waste:	As per EC 850 kg/day	Amendment 1090 kg/day
		E waste	6200 kg/yr	
		Hazardous waste:	Nil	
		Biomedical waste(If applicable):	Nil	
		STP Sludge	31 kg/day	
	Mode of Disposal of waste:	Dry waste:	Will be handed over to PMC	
		Wet waste:	Will be treated in OWC	
		E-waste	Handover to Authorised dealer	
		Hazardous waste:	NA	
		Biomedical waste (If applicable):	NA	
		STP Sludge :	Used as Manure	
		Others if any:	NA	
	Area requirement:	Location	On Ground	
		Total Area provided for the storage & treatment of the solid waste	OWC 1 – 13.5 m^2 OWC 2 – 6.00 m^2 Total – 19.5 m^2	
		Area for machinery:	OWC 1 – 54.00 m^2 OWC 2 – 24.8 m^2 Total – 78.8 m^2	
	Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 32.00 Lakhs	
		O&M cost:	Rs.6.83 Lakhs/Annum	
33.	Green Belt Development	Total RG area: 1926.05 Sq. m (1836.58 + 89.47) Open space 1 : 469.21 m^2 Open space 2 : 753.27 m^2 Open space 3 : 614.10 m^2 Additional Green Area 89.47 m^2		
		No of trees to be cut	NA	
		Number of NEW trees Planted / to be planted:	Required Trees - 180 Nos. Provided Trees - 185 Existing Trees – 2 Nos. Retained Trees – 2 Nos.	
		List of proposed native trees :	Attached	
		Timeline for completion of plantation:	Partly completed	
	List of Trees to be planted:	Proposed Native Trees (on ground)		
	List of trees			

Name of the plant	Common Name	Quantity	Ecological Importance
Michelia champaca	sonchafa	25	Medium sized evergreen tree, Shady tree, Fragment flower
Anthocephallus cadamba	Kadamb	25	Shady, large tree, ball shaped flowers
Ailanthus excels	Maharukh	15	Good for roadside Plantation & have medical properties
Murraya paniculata	Kunti	40	Good for ornamental purpose
Lagerstroemia flosregineae	Tamhan	25	Good as a avenue tree, Good for group planting around
Albiziz lebbeck	Shirish	14	Good for road site plantation & provide shade
Pongamia pinnata	Karanj	8	Good for riverside & stream side plantation & Nitrogen fixing plant, larval host for butterflies
Eugenia jambolana	Jambhul	8	Good for roadside Plantation & provide shade
Phyllanthus jmblica	Awala	10	Hardy tree, grows in dry land & have medical properties
Acrussapota variety	Chikoo	16	Hardy tree, grows in dry land &have medical properties
Total		185 Nos.	

Capital Cost : Rs.55.00 Lacs
Budgetary allocation (capital Cost& O & M Cost): Rs.5.5 Lacs/yrs.

34. ENERGY

Source of power supply:	MSEDCL	
During Construction Phase: (Demand Load)	As per EC: 200 KW	Amendment: 200 KW
DG set as Power back-up during construction phase	150 KVA	
During Operation phase (Connected load):	As per EC: 3678 kW	Amendment: 5591 kW
During Operation phase (Demand load):	As per EC: 2287	Amendment: 3449 kW
Transformer:	As per EC: 3230 kVA	Amendment: 1 x 750, 1 x 1250, 1 x 1000, 2 x 630 kVA Total - 4260 kVA
DG set as Power back-up during operation phase:	As per EC: 1 X 160 kVA, 1500 kVA, 750 kVA,82.5 kVA	Amendment: 1 x 1250 kVA 1 x 800 kVA 1 x 200 kVA 1 x 1010 kVA, 2 x 750 kVA
Fuel used:	LDO	
Details of high tension line passing through the plot if any:	NA	
Energy saving by non-conventional method:		

Detail calculations & % of saving: 225000 KWH/Annum 2.6 %

Energy saving by	Total Energy Saving in kWh/Annum	Percentage of Saving
Savings due to LED lamp	200	0.7%
Savings due to electronic ballast	50	0.2%
Savings due to Solar Panels for Lighting	300	1.0%
Savings due to Timer sensor	50	0.2%
Savings due to APFC Panel	150	0.5%
Total	750	2.6%

Total energy saving shall be achieved up-to 225000 KWH / Annum

Compliance of the ECBC guidelines: (Yes/No) (If yes then submit compliance in tabular form):

Budgetary allocation (Capital cost and O&M cost):

Capital cost (in Rs. In Lacs)	35.00 Lacs
O&M cost (in Rs. Lacs/annum)	5.00 Lacs

35. Environmental Management plan Budgetary Allocation

Construction phase(with Break-up):

Sr. No.	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air & Noise	Water For Dust Suppression Air & Noise monitoring	1.97
2	Water	Tanker water for construction & worker, Water monitoring	1.34
4	Land	Labour toilets 10 Nos. Cleaning 10,000 Rs./month	6.60
5	Biological	Gardening & Excavation	8.51
6 7 8 9 10	Socio	Disinfection at site Safety, First Aid, Health Hygiene Facilities Health Check Up Creches for children Personal Protective Equipment	21.74
		TOTAL	40.16

During Operational Phase

Sr. no.	Component	Description	Capital Cost Rs. In Lacs	Operational and Maintenance cost (Rs. In Lacs/yr)
1	STP Cost	2 Nos.	105.86	12

	2	Rain Water Harvesting	8 Nos. Pits	23	0.5
	3	Environmental Monitoring	-	-	18.74
	4	Gardening	Tree plantation	55	5.5
	5	Solid waste	2 Nos. OWC	32	6.83
	6	Energy	Solar and lights	35	5
	7	Swimming pool	1 No.	8.50	1.50
		TOTAL			

36.	Traffic Management : Parking statement : Residential (Existing completed & handed over) Parking statement : Commercial (Proposed bldg. B)	
	Total Parking area:	As per EC: 9000.9 (2 Basement) / Amendment: 22211.00 (2 Basement + Lower Gr.+ Park. Bldg. E)
	Number of 2-Wheelers as approved by competent authority	As per EC -2W: 1022 / Amendment: 1328
	Number of 4-Wheelersasapproved by competent authority:	As per EC - 4W: 335 / Amendment: 504
	Number of Cycles as approved by competent authority:	As per EC - Cycle: 1022 / Amendment: 550
	Public Transport:	Nearest bus stop – Balewadi busstation
	No of basement and area in m2	Basement area in B Building 20674.00 m^2
	No. of Podium and area in m2	2 Nos. Podium area – 1302 m2
	No of junction	2 Nos.
	Area per car in m2	35
	Area per scooter in m2	3
	Area per cycle in m2	1.4
	Width of all Internal roads(m):	9.0
37.	CRZ/RRZ clearance obtain, if any:	No
38.	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-State boundaries	None within 10 Km

3. The proposal has been considered by SEIAA in its 183rd meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

I. PP to submit survival report of existing trees and Garden NOC.
II. PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
III. 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.
IV. SEIAA decided to grant EC for –FSI area of 33746.96 m2, Non-FSI area of 43903.46 m2 and Total BUA of 77650.42 m2. (Plan Approval No. CC/3944/19, Date-15.03.2019.)

General Conditions:

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.

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 of 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 neighbouring 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 levelling 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 of 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.3

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% grey 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 grey and black water should be done by the use of dual plumbing line for separation of grey 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 fulfil 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 of /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 night-time 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 fulfil 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://parivesh.nic.in

L. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.

LI. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

LII. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

LIII. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

LIV. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.

Anil Diggikar
(Member Secretary, SEIAA)

Copy to:

1. Shri Johny Joseph, Chairman-SEIAA
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Pune.
7. Regional Officer, Maharashtra Pollution Control Board, Pune.