

Environmental Clearance - Order No. ECC no:21 - 539/2007-IA. III dated 8th May 2008

Sub: SEIAA, AP - M/s Infosys Limited (IT SEZ Project),Mahindra Industrial Park, Chengalpat Taulk, Kancheepuram Dt.

SL.No	Conditions Imposed	Compliance taken by us
<u>SPECIFIC CONDITIONS:</u>		
1	" Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board under Air and Water Act and a copy shall be submitted to the ministry before start of any construction work at the site.	Agreed and Complied
2	All Required sanitary and Hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	All the necessary domestic facilities were made available for construction work force. All the Sewage generated were treated in STP of Infoys and Mahindra World City.
3	A First Aid Room will be provided in the project both during construction and operation of the project.	Yes, provided
4	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 esured.	Drinking water & sanitary facilities provided.
5	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	Excavated surplus earth were refilled at low-lying areas in the project premises. Top cover of the soil reserved and used for developing green cover.
6	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 f competent authority.	Yes, the management of construction debris done in such a manner so as not to cause any harm to humans nor environment
7	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.	Yes, On Periodic intervals the soil and ground water samples are tested and are within the limits.
8	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.	Adequate care is taken so as not to cause any adverse impacts on the environment
9	Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Tamil Nadu Pollution Control Board.	Agreed and adequate care taken for proper disposal

10	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environment (protection) Rules prescribed for air and noise emission standards.	Agreed and only low sulphur diesel was used for DG sets
<u>SPECIFIC CONDITIONS:</u>		
11	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	No Underground tanks provided for diesel storage. Procuring on need basis with minimal quantity.
12	Vehicle hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non peak hours.	Agreed and ensured
13	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/ TNP.	All possible measures are practiced to control air & noise pollution
14	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 100 KM of Thermal Power Stations).	Used in concrete
15	Ready mixed concrete must be used in building construction.	Yes, Followed
16	Storm water Control and its re-use as per CGWB and BIS standards for various applications.	Yes, rainwater collected will be reused for various applications after treatment in order to reduce fresh water consumption, which depends upon the amount of rainfall received in our area.
17	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Yes and followed.
18	Permission to draw ground water shall be obtained from the competent Authority prior to construction operation of the project.	Water received for the whole project from Mahindra World City. Ground water not used
19	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	The only waste water generated is Sewage and treated in STP of Infoys and MWC.

20	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.	Water saving taps through Pressure reducing valves, Sensor controlled urinals and Use of flow restrictors are provided
<u>SPECIFIC CONDITIONS:</u>		
21	Use of glass may be reduced by upto 40% to reduce the electricity consumption and load on airconditioning. If necessary use high quality double glass with special reflective coating in windows.	Low emissivity glass is used & Common areas will not be air conditioned but be naturally ventilated
22	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Yes, Ensured
23	Opaque wall should meet prescriptive requirement as per Energy conservation building code which is proposed to be mandatory for all airconditioned space while it is aspirational for non- airconditional spaces by use of appropriate thermal insulation material to fulfill requirement.	Yes, Energy Conservation Building Code, 2007 is followed
24	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc.	Yes, Ensured
25	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.	Agreed and provided
26	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.	Agreed
<u>Operation Phase</u>		
1	The installation of the Sewage Treatment Plant should be certified by an independent expert and thereport in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralised treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of Tamil Nadu Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP	Complied
2	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/ inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Yes, Ensured

<u>Operation Phase</u>		
3	Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and confirm to rules made under the Environment (protection) Act, 1986. The height of stack o 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 Tamil Nadu Pollution Control Board.	All the conditions are complied.
4	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.	Complied
5	The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.	Yes and followed
6	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.	Drainage of rain water is structurally carried through storm water drain leading to catchment area.
7	Rain water harvesting for roof run - off and surface fun - off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The borewell for rainwater recharging whould be kept at least 5mts, above the highest ground water table.	Complied
8	The ground water level and its quality should be monitored regularly in consultation with Central Grould Water Authority.	Complied
9	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.	Agreed and followed
10	A Report on the energy conservation measures confirming to energy conservation norms finalise by Bureau of Energh Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the Ministry in three months time.	Complied

<u>Operation Phase</u>		
11	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.	Energy efficient CFL/TFL/LED and roof top solar panels are used. Collection and disposal of CFL/TFL/LED is ensured.
12	Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.	Agreed and followed
13	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Yes, Ensured
<u>General Conditions</u>		
1	The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.	Agreed and Implemented
2	Provision should be made for supply of kerosene or cooking gas and pressure cooker to the labourers during construction phase.	Agreed
3	Six monthly monitoring reports should be submitted to the ministry and its Regional Office, Bangalore.	Yes, regularly followed
4	Officials from the Regional Office of MOEF, Bangalore who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and document / data by the project proponents during their inspection. A complete set of all the documents submitted to MOEF should be forwarded to the CCF, Regional office of MOEF, Bangalore.	Agreed
5	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Agreed
6	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986 to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed
7	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department Forest Conservation Act, 1980 and Wildlife(Protection) Act, 1972, etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied

General Conditions

8	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, The Environment (Protection) Act 1986, The Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Agreed
9	Environmental clearance is subject to final order of the Hon'ble Supreme court of India in the matter of Goa foundation Vs. Union of India in Writ Petition (Civil) No: 460 of 2004 as may be applicable to this project.	Accepted
10	Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, with in a period of 30 days as prescribed under Section 11 of the National environment Appellate Act, 1997.	Accepted

Yours faithfully,
For Infosys Limited.

Sudha G.
Authorized Signatory