

- (xxxi) 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.

II. Operation Phase

- (i) The installation of the Sewage Treatment Plant (STP) 400 KLD capacity should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated affluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the M.P. Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.
- (ii) The bio-medical waste generated should be disposed off as per the provisions of Bio-medical waste (Management and Handling) Rules 1988.
- (iii) All hazardous wastes generated in the activity shall be stored and disposed of as per the provision of the Hazardous Waste (Management, Handling & Transboundary Movement) Rules.
- (iv) The solid waste generated should be properly collected and segregated and be managed as per the provision of BMW (M&H) Rules. Wet garbage should be composted and dried to an inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable materials.
- (v) All measures shall be taken to prevent percolation of wastes from the hospital premises in to the near by nallah.
- (vi) 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 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 of low sulphur diesel. The location of the DG sets may be decided with in consultation with M.P. Pollution Control Board.

- (vii) 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:
- (viii) 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.
- (ix) Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
- (x) Rain water harvesting for roof run- off and surface run- 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 bore well for rainwater recharging should be kept at least 5 mts. above the highest ground water table.
- (xi) The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- (xii) 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.
- (xiii) A Report on the energy conservation measures conforming to energy conservation norms: finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the Ministry in three months time.

- (xiv) 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.
- (xv) Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.
- (xvi) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- (xvii) Project Proponent has to comply with the following commitments made during the SEAC/SEIAA meeting and the plan submitted for consideration of Upper lake and environment of the region.
 - a. Hospital being a sensitive its structures shall be designed/built according to the design parameters recommended by NBO for the buildings falling in seismic zone-II, to prevent it from the possible impacts due to earthquakes.
 - b. A new STP, shall be constructed towards eastern boundary of the site along with the construction of residential accommodation.
 - c. The existing structure for the ETP shall be dismantled and the new ETP will be constructed as per revised details and at least 9.0 m away from the boundary wall along the nallah.
 - d. The RCC boundary wall with adequate depth below ground level shall be constructed all along the nallah and with HDPE lining to prevent seepage. Depth of the boundary wall will be kept such that no effluent from the premises/ETP is percolated in to the nallah.

- e. Characteristics of the raw and treated liquid waste from hospital activities have to be monitored regularly along with the measurement of Total Organic Carbon (TOC).
- f. Commitment for returning land of the existing green belt in 7.5 acres to the state government shall be fulfilled by Project Proponent.
- g. Provision of covered space enough to store BMW generated in two days and another covered storage for manure shall be provided in the premises as per provision.
- h. Rain water collection pits will be provided with oil/grease and silt trap to ensure safe and uncontaminated rain water for harvesting. The Project Proponent will ensure that no contaminated water is used for recharge. Regular monitoring of this water has to be conducted and reported to the authorities.
- i. Eight meters wide green belt should be created on other three boundaries (in addition to point f) of the premises even if the total green area exceeds 33% of the total plot area.

PART B. GENERAL CONDITIONS

- (i) The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.
 - (ii) The project proponent shall also submit six monthly reports on 1st June and 1st December of each calendar year 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 SEIAA of M.P., Regional Office of MoEF, Bhopal, the respective Zonal Office of CPCB and the SPCB.
4. Officials from the Regional Office of MOEF, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A

complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional office of MoEF, Bhopal.

5. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA.
6. The Ministry/SEIAA 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.
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.
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.
9. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the M.P. Pollution Control Board and may also be seen on the website of the State Level Environment Impact Assessment Authority (SEIAA) at www.mpseiaa.nic.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.
10. Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

12. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body 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.
13. 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, NO_x (ambient levels as well as stack emissions) or critical sectoral 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.
14. 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.

(Ashok Shah)
Member Secretary, SEIAA

Endt No. /SEIAA/EPCO/10

Dated:

Copy to:-

1. The Secretary, Department of Housing & Environment, Government of Madhya Pradesh, Mantralaya, Bhopal
2. The Collector, Distt-Bhopal
3. The Commissioner, Municipal Corpn., Bhopal
4. The Member Secretary, Madhya Pradesh State Pollution Control Board, Paryavaran Parishar, E-5, Arera Colony, Bhopal-462016
5. The Jt. Director, Town & Country Planning, Bhopal
6. Division, Monitoring Cell, MoEF, New Delhi- 110 003
7. The Regional Officer, MOEF, Bhopal
8. Guard file.

(Ashok Shah)
Member Secretary, SEIAA