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No.J.12011/23/2005/IA (CIE)
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi- 110003.
Dated: 20-9-05

Kund Altru:
To *Ms RIA / COL SANJEEV*
Director,
Information Technology,
Chandigarh Administration,
5th Floor, Addl Deluxe Bldg, Sector 9,
CHANDIGARH- 160 009

SD46860

On file

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DIT

Sub: Chandigarh Technology Park, Village Kishengarh, Chandigarh

Sir,

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On file
20/9/05

Please refer to your letter No.27A/IT/2005/2926 dated 12.8.05.

2. The project is for setting up Chandigarh Technology Park as a Special Economic Zone by the Information Technology Department, Chandigarh Administration. Public hearing was conducted on 27.6.05 and application for environmental clearance was received on 9.8.05. Construction work on the project started in November 2002 and construction works on two sites allotted to Infosys & DLF Info Cities are in advanced stages of completion. Development on the remaining sites would be completed by 2011. The proposal was considered in the 9th EAC meeting held on 10.9.05 based on the documents and information furnished by the proponents.

3. Salient features of the proposed project are:

Total Project Cost	:	Rs.50.00 crores
Land Area	:	45 ha
Rain water harvesting	:	Roof top RWH for the recharge of aquifers for all Units over plot size of 4 HA. Common service provider for the Campus to tap rainwater & use for recharging.
Water Consumption	:	990 KLD on complete occupation
Waste Water Discharge	:	790 KLD
Green Belt	:	9 Ha
No of Trees planted	:	3500
Solid Waste Disposal	:	5000 Kg/day through Sehaj Safai Kendra

4. The Ministry of Environment and Forests hereby accords environmental clearance as per the provision of Environmental Impact Assessment Notification, 1994 and the subsequent amendments, subject to strict compliance of the terms and conditions mentioned below.

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Any hazardous waste including e-wastes should be disposed of as per applicable Rules & norms with necessary approvals of the Chandigarh Pollution Control Committee, Chandigarh.

- v) Diesel generator sets proposed as back up power should be of enclosed type and conform to E(P)A Rules prescribed for air and noise emission standards as per CPCB guidelines. Exhaust will be taken 4 meters above the roof top.
- vi) Sewage treatment plant has been designed to treat the wastewater from the IT Park. As proposed the wastewater will be treated to tertiary level and after treatment should be used for flushing of toilets and gardening. Discharge of treated sewage shall conform to the norms & standards of the Chandigarh Pollution Control Committee.
- vii) The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential landuse. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.
- viii) Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.
- ix) Provision for rain water harvesting has been made in the proposal. Rain water harvesting system should be operational for recharging of aquifers before project commissioning. The project should regularly monitor ground water levels and deterioration of ground water.
- x) Care shall be taken to ensure energy conservation during the construction period as well as in the design and layout of buildings apart from use of solar energy as indicated in the report.
- xi) In addition to the solar energy used for common area, lighting for gardens and street lighting provision shall be made for solar water heating.
- xii) Adequate measures should be taken to avoid any traffic congestion near the entry and exit points from the road adjoining the proposed project site.
- xiii) The thermal efficiency of the buildings coming in the SEZ should be regulated to achieve desired R&U factors to make them energy efficient. A detailed report on measures proposed to be taken both in the SEZ as well as the constructions coming up within the SEZ complex should be prepared and submitted to the Ministry in 3 months.
- xiv) A landscape plan for the entire project area should be prepared for implementation. Development of shelter beds may be taken up in appropriate directions around the project area based on the prevailing wind direction. Details of the proposed plan should be submitted to the Ministry in 3 months.

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Part A- SPECIFIC CONDITIONS

I. Construction Phase

- i) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- ii) All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- iii) Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and disposed off taking the necessary precautions for general safety and health aspects.
- iv) Use of diesel generator sets during construction phase should be enclosed type and should conform to E(P)A Rules prescribed for air and noise emission standards.
- v) Vehicles hired for bringing construction material at site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non peaking hours.
- vi) Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
- vii) 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.
- viii) Regular supervision of the above and other measures should be in place all through the construction phase so as to avoid disturbance to the surroundings.

II. Operation Phase

- i) Installation of the sewage treatment plant (STP) should be certified by an independent expert and should submit a report in this regard to the Ministry before the project is commissioned for operation.
- ii) Water harvesting system and energy conservation measures like installation of solar panels for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.
- iii) Noise barriers will be provided at appropriate locations so as to ensure that the noise levels do not exceed the prescribed standards.

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- xv) Environment Management Cell should be established to implement environmental management plan and carry out environmental monitoring.

PART -B. GENERAL CONDITIONS

- i) The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.
- ii) Provision should be made for the supply of kerosene or cooking gas / pressure cooker to the laborers during construction phase.
- iii) All the laborers to be engaged for construction works should be screened for health and adequately treated before the issue of work permits.
- iv) Financial provision should be made by the project proponent in the total budget of the project for implementation of the suggested safeguard measures.
- (v) Six monthly monitoring reports should be submitted to the Ministry and its Regional Office, Chandigarh.
5. Officials from the Regional Office of MOEF, Chandigarh 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 MoEF should be forwarded to the CCF, Regional office of MOEF, Chandigarh.
6. The responsibility of implementation of environmental safeguards rests fully with the Director, Information Technology, Chandigarh Administration, Chandigarh.
7. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
8. 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.
9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives and other approvals shall be obtained by project proponents from the competent authorities.
10. A copy of the environmental clearance letter would be marked to the local NGO(s), if any, from whom suggestion/representation were received at the time of public hearing.
11. A copy of the environmental clearance letter should be displayed at the Regional Office, Chandigarh and the Office of the Chandigarh Pollution Control Committee, Chandigarh.

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12. 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 Chandigarh Pollution Control Committee, Chandigarh and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Chandigarh.

13. 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 1994 including the amendments.

14. The project proponent should acknowledge the receipt of the environmental clearance letter and convey their concurrence to the conditions stipulated above within 15 days from the date of issue of this letter. In case there is no response from the proponent, it would be deemed to have been agreed to.

(S. Shiva Kumar)
Director (IA)

E mail: biossk@menf.delhi.nic.in
Telefax: 24360695

Copy to: -

1. The Secretary, Department of Environment, Chandigarh Administration, Chandigarh.
2. The Member Secretary, Chandigarh Pollution Control Committee, Additional Town Hall Building, II Floor, Sector 17-C, Chandigarh-160 017.
3. The CCF, Regional Office, Ministry of Environment & Forests (North), Bays No.24 & 25, Dakshin Marg, Sector 31-A, Chandigarh.
4. EI - Division, MOEF, New Delhi - 110001.
5. Guard file.


(S. Shiva Kumar)
Director (IA)