

14. A. 300
B. 400
C. 500
D. 600

[illegible]

To,

Dear Sir,

1. Environmental Clearance Certificate for integrated dam and irrigation scheme project, NH-24, near village Shikhar, District Shimla, HP.
2. The total project is 500 Acres. The land measuring 139 Acres has already been acquired and remaining 360 acres is the subject of acquisition.
3. The DPR submitted for 360 acres land has been approved by the Ghazalabad Development Authority, dated 29/11/2006.
4. A development agreement has been signed between the project proponent and Ghazalabad Development Authority on 15/09/2007.
5. The proposal is covered under Category Bb of the law, notification dated 1/06/2000 and the amendments thereof.

General Conditions :

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1. It shall be ensured that all standards related to ambient environmental quality and the emission/effluent standards as prescribed by the MoEF are strictly complied with.
 2. It shall be ensured to obtain the no objection certificate from the U.P. Pollution Control Board before start of construction.

3. The construction and construction work or preparation of site shall be completed within the stipulated time frame. The time frame shall be decided on the basis of the project or activity and the nature of the work.
4. The construction work shall be in accordance with the prescribed standards and the construction work shall be completed within the stipulated time frame.
5. The construction work shall be as permitted by the local authorities and the construction work shall be completed within the stipulated time frame.
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13. Solid wastes shall be suitably segregated and disposed. A separate and isolated municipal waste collection center shall be provided. Necessary plans should be submitted and be kept.
14. Suitable rainwater harvesting system and designs of ground water should be submitted. Necessary plans should be submitted.
15. The emissions and effluents etc. from manufacturing processes and transport during construction and operation phases should be according to the prescribed standards. Necessary plans in this regard shall be submitted.
16. Water sprinklers and other dust control measures should be undertaken to take care of dust generated during the construction and operation phases. Necessary plans in this regard shall be submitted.
17. Suitable noise abatement measures shall be undertaken during the construction and operation phases in order to ensure that the noise emissions do not violate the prescribed ambient noise standards. Necessary plans in this regard shall be submitted.
18. Separate stock piles shall be maintained for excavated soil and the top soil should be utilized for preparation of green belt.
19. Sewage effluents shall be kept separate from rain water collection and storage system and separately disposed. Other effluents should not be allowed to mix with domestic effluents.
20. Hazardous/Solid wastes generated during construction and operation phases should be disposed off as prescribed under law. Necessary clearances in this regard shall be obtained.
21. Alternate technologies for solid waste disposals (like vermi-culture etc) should be used in consultation with expert organizations.
22. No wetland should be infringed during construction and operation phases. Any wetland coming in the project area should be suitably rejuvenated and conserved.
23. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Fully impermeable pavements shall not be constructed. Construction of pavements around trees shall be as per scientifically accepted principles in order to provide suitable watering, aeration and nutrition to the trees.

24. The green building concept suggested by Indian Green Building Council, which is part of the Green Pact, shall be studied and followed as far as possible.
25. Compliance with the standards for norms and guidelines as suggested by Indian Green Building Council, 2005 shall be compulsory.
26. It is to ensure usage of dual flush systems for flush toilets and explore options for dual sensor flush systems in public buildings and other public buildings.
27. It is to ensure exploration of options for use of bio-gas plant in public buildings with different options such as small scale biogas, retort gas and gasifier.
28. It is to ensure usage of dual flush systems for toilets and dual sensor flush systems and using solar water heaters for hot water requirements.
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31. Educate citizens and stakeholders by putting up boardings at different places to create environmental awareness.
32. The building should be designed and constructed with the responsibility of the environment and the building should be fully internalized and no public space should be defined.
33. Pollution control measures should be prepared and implemented in a systematic manner.
34. The building should be designed and constructed with the responsibility of the environment and the building should be fully internalized and no public space should be defined.
35. Fly ash should be used as a building material in the construction of the building.
36. The building should be designed and constructed with the responsibility of the environment and the building should be fully internalized and no public space should be defined.
37. Airborne particulate matter, noise and vibration should be examined and a report submitted with justification for selected technology.
38. The green building should be designed and constructed with the responsibility of the environment and the building should be fully internalized and no public space should be defined.
39. The construction of the building and the consequent impact on the environment should be such that the micro climate of the area is not adversely affected.
40. The building should be designed so as to take sufficient safeguards regarding seismic zone sensitivity.
41. High rise buildings should obtain clearance from aviation department or concerned authority.
42. Suitable measures shall be taken to restrain the development of small commercial activities or slums in the vicinity of the complex. All commercial activities should be restricted to special areas earmarked for the purpose.
43. It is suggested that literacy program for weaker sections of society/women/adults (including domestic help) and under privileged children could be provided in a formal way.
44. The use of Compact Fluorescent lamps should be encouraged. A management plan for the safe disposal of used/damaged CFLs should be submitted.
45. It shall be ensured that all Street and park lighting is solar powered. 50% of the same may be provided with dual (solar/electrical) alternatives.

46. Solar water heaters shall be provided to the maximum possible capacity which may be drawn up accordingly as per the local conditions.
47. Treated effluent shall be minimally reused to aim for zero discharge. If it is not possible, a detailed management plan for disposal should be provided along with the wastewater of waste water.
48. The treated effluent shall be used only for the designated purpose and not for drinking water treatment. It shall not be used for agricultural purposes or for any other purpose.
49. Construction of the project shall be such that no waste is generated or disposed of in the site.
50. All necessary chain of command shall be provided and submitted to the authority. Any construction or operation shall be carried out in accordance with the rules and regulations.
51. The project shall be designed in such a way that it does not cause any harm to the environment.
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54. Detailed plan for the disposal of waste shall be provided along with the management plan.
55. Status of the project on date shall be submitted along with the management plan.
56. Specific layout plan with dimensions shall be provided to the authority. Open areas and Green Belt etc. should be provided in the layout.
57. The PG sets shall be installed in such a way that it does not cause any harm to the environment and also to the noise standards as prescribed in the management plan.
58. Waste management plan should be done as per the MoEF norms.
59. Electrical waste should be segregated and disposed off in such a way that it does not cause any harm to the environment.
60. The use of suitably processed plastic waste in the construction of roads shall be considered.
61. The affected persons shall be suitably rehabilitated as per the MoEF norms.
62. Dispensation for the project shall be provided.
63. Health impacts, Socio-economic impacts, degradation factors and the project management plan should also be included in EIA reports.
64. Safe disposal arrangement of used toiletries items in Hotels should be provided. Toiletries items could be given complementary to guests, adopting suitable measures.
65. Diesel generating set stacks should be monitored for CO and HC.
66. Ground Water downstream of Rain Water Harvesting pit nearest to STP shall be monitored for bacterial contamination. Necessary Hand Pumps should be provided for sampling. The monitoring is to be done both in pre and post monsoon seasons.
67. The green belt shall consist of 50% trees, 25% shrubs and 25% grass as per MoEF norms.
68. A Separate electric meter shall be provided to monitor consumption of energy for the operation of sewage/effluent treatment in tanks.
69. An energy audit should be annually carried out during the operational phase and submitted to the authority.
70. Rapid EIA status should be undertaken for three months during the non monsoon period and the monitoring should be as per the latest norms of MoEF.

