

State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment & Forests)

Research and Development Wing
Madhya Pradesh Pollution Control Board
Paryavaran Parisar, E-5, Arera Colony
Bhopal-4620 16
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No: 232 / EPCO-SEIAA/12

Date:

18.5.12

To,
Office of the Commissioner,
Municipal Corporation, Planning Section
Maharajbada, Municipal Corporation
Gwalior District, Gwalior, MP
Ph: No. 0751-2438312

Sub: - Case No. 566/2010, Prior Environmental Clearance for Gwalior Fort Aerial Ropeway project for 565 m from Phoolbagh (Lower terminal) to Gwalior Fort(Upper terminal) at village, tehsli & district Gwalior, MP. By M/s Municipal Corporation, Gwalior.

This has reference to your application No. 1/04 x 3/3 C.P-10-343, Gwalior, dated 07.06.2010 and received in SEIAA office dated 28.06.2010, ToR issued by SEAC on 27.09.2010 and amended ToR issued on dated 02.12.2010 and subsequent letters seeking Prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in light of the provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., form I, additional information & clarifications furnished in response to the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

1. It is, interalia, noted that the proposed ropeway project (Monocable fixed Grip Pulsated) for 565m (length) rope way (horizontal) capacity 250Pph at max speed either way. Two terminal stations will be constructed one at Baradari near Phool Bagh lies on Latitude 22° 12' 38.17" N and Longitude 78° 10' 18.44" E and other at Gwalior Fort lies on Latitude 26° 13' 49.08"N and Longitude 78° 10' 8.04"E. In addition, passenger-handling area, public conveniences, parking will be provided at the upper terminal station. The water requirement during construction phase is 12 KL / day and, operational phase is 6000 liter / day for Visitors (@6 liter/day / head) & 500 liter /day for general cleaning which was supply by Municipal corporation, Gwalior . The power requirement for the proposed project will be 75 KW (for both stations including lighting) & will be sourced from the State Electricity Board. In case of power failure 100KVA stand by DG set (Acoustically & Environmentally enclosed) will be provided. The elevation height between lower & upper stations floor level is 100m (approx). There are 8 nos. of cabins to be equipped in 4 groups (2 cabins/ group equi-spaced on line) & cabin capacity for 4 persons (320 kg). The main drive motors is 50kw DC/ AC & the power supply at station is 415 V, 3Ph, 50 Hz. The public hearing was conducted on 12.10.2011.
2. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14, 2006.

3. Based on the information submitted, as at Para 2 above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 86th meeting held on 29.03.12 and decided to accept the recommendations 88th SEAC meeting held on 13.02.12


Hence, Prior Environmental Clearance is accorded for Gwalior Fort Ropeway project from Phoolbagh to Gwalior Fort at village tehli & district Gwalior, MP, under the provisions of EIA notification dtd. September 14, 2006, subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC:

I. Specific Conditions as per SEIAA / SEAC Minutes (other than Standard Conditions)

The SEIAA decided for inclusion of only two condition no. 1 & 2 out of the proposed seven conditions by SEAC. These are as follows:-

- (i) The lower terminal of the ropeway is proposed in Phoolbagh, Baradari area of Gwalior, this area is basically marked as green belt. Hence, only tower for lower terminal shall be allowed in this region, other constructions such as cafeteria, DG-Set, amenities, etc. shall not be permitted in this region. The Zoo & Green area of the region shall be maintained.
- (ii) 27 trees in the proposed project area are proposed for cutting hence PP shall plant 10 times of the trees in the nearby region. The details proposal for plantation should be included in the project.

Encl: - 1



(Manohar Dubey)
Member Secretary

Copy to:-

Encl No. 233 / EPCO - SEIAA/12 Dated: 18-5-12

Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Mantralaya, Bhopal.
2. Member Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-4620 16
3. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
4. Collector, District Gwalior, M.P.
5. Division, Monitoring Cell, MoEF, Gol, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi- 110 003
6. Director (S), Regional Office, Western Region, Kendriya Paryawarn Bhawan, Link Road No. 3 Ravi Shankar Nagar, Regional office of the MOEF, Bhopal-462016
7. Guard file


(Dr. U. M. Shukla)
Officer-in-Charge

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Annex-I

Standard Conditions related to under item 7 (g) of the schedule of EIA notification, 2006 (Aerial Ropeways)

A. Construction Phase

1. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
2. A First Aid facility will be provided at the project site both during construction and operation of the project.
3. Provision shall be made for the housing of construction labour at the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc.
4. The safe disposal of wastewater generated during the construction phase should be ensured.
5. All the topsoil excavated during construction activities should be stored for use of horticulture, landscape development at the project site.
6. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Dept.
7. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, in approved site.
8. Vehicles hired for bringing construction material to the site should be in good condition and should have certificate conforming to air and noise emission standards and should be operated only during non-peak hours.
9. The solid waste generated should be properly collected, segregated and disposed to the land fill site.
10. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise level 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/ MPCCB.

B. Operational Phase -


a. Safety Provision:

1. Diesel engine with independent drive, so that the ropeway system can be operated at reduced speed to bring stranded cabins to the terminal stations in case of failure of electricity power supply or main motor.
2. Line safety should be ensured by the provision of
 - i. Rope derailment detectors.
 - ii. Rope catchers
 - iii. Adequate rope gauge to ensure appropriate clearance even under the

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worst condition of lateral swing of cabins as per the relevant codes.

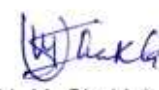
3. Trestles, station buildings, rope anchorages, foundations and other civil engineering structures shall be according to the relevant codes and standards of the Bureau of Indian Standards.
4. Provision should be made for speed control and stopping of ropeway, if the speed exceeds from set limiting speed.
5. Anemometer should be provided at an appropriate place for wind speed indication with warning and ultimate shutdown capability in case of wind speed exceeding set limit.
6. The running mechanism shall be provided with suitable lubrication apparatus for continuous lubrication while in motion.

b. Others Conditions:-

1. Provision of utilities and public convenience facilities within the project site including disposal of waste should be provided.
2. Provision of the drainage system in the project influence area should be provided. The operator will need to ensure that the natural drainage pattern within the project area remain unaltered.
3. Engineering standards of ropeway system should be as per Aerial Ropeway Act and certified by the prescribed authority under the Act.
4. No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.
5. No additional land shall be used / acquired for any activity of the project without obtaining prior permission.
6. DG sets proposed should be equipped with Air Pollution Control measures as prescribed by CPCB
7. Hazardous waste expected to generate from DG sets should be managed as per Hazardous Waste (Management, Handling & Trans-boundary Movement) Rules after obtaining authorization from MP Pollution Control Board.
8. Noise should be controlled to ensure that it does not exceed the prescribed standards of CPCB.
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.
10. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
11. Environmental Management Plan (EMP) should be strictly in accordance to the findings of EIA.


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12. Execution of all activities / mitigative measures proposed by PP in Environmental Management Plan (EMP) must be ensured.
13. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
14. Project Proponent has to strictly follow the direction/guidelines issued by MoEF, CPCB and other Govt. agencies from time to time in relation to ropeway.
15. All the terms and conditions stipulated by Archeological Survey of India issued regarding permission for construction of ropeway project should be strictly followed.
16. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, Gol, and its Regional Office located at Bhopal.
17. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
18. The Environmental Clearance shall be valid for a period of five years from the date of issue of this letter.
19. 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 to the regulatory Authority in hard and soft copies.
20. The Regional Office, MoEF, Gol, Bhopal and MP PCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, should be given to Regional Office, MoEF, Gol, Bhopal and MP PCB.
21. The Project Proponent shall inform to the Regional Office, MoEF, Gol, Bhopal and MP PCB regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
22. In the case of expansion or any change(s) in the scope of the project, the project shall again require prior Environmental Clearance as per EIA notification, 2006.
23. The SEIAA of M.P. 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.
24. 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 and when applicable), by the project proponent from the respective competent authorities.
25. These stipulations would be enforced in other permissions under the provisions of

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SEIAA/EPCCO

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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.

26. 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 and in the public domain.
27. 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 Regional Office of MoEF.
28. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
29. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in addition to the associated Government Departments responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
30. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation shall be submitted to the Regional Office, MoEF, GoI, Bhopal, MP PCB within six months.
31. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of the State Level Environment Impact Assessment Authority (SEIAA) at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, GoI, Bhopal.
32. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


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