

## **ACTIVITY 7(g)- AERIAL ROPEWAYS**

### **STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR AERIAL ROPEWAYS AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT**

#### **I. Project Details**

- i. Examine and submit a brief description of the project-name, project site, geology, topography, nature, size, location of the project, project coverage, master plan, length of the proposed aerial rope way, details of ROW, height from MSL and its importance to the region/ State.
- ii. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- iii. Submit the details of facilities viz. administration building, restaurant, toilets, waste collection and disposal etc. at Lower terminal and upper terminal including parking area.
- iv. Submit Certificate from the competent authorities for safety of ropeway and its monitoring

#### **II. Environmental Monitoring and Management**

- v. Any adverse impact of the works already carried out.
- vi. The impact of the Ropeway construction on the ecology of the region/surrounding habitat should be assessed.
- vii. Possible carbon footprint contribution from each activities and mitigation measures proposed shall be included as part of Environment Management Plan.

#### **III. Disaster Management Plan**

- viii. PP should examine and submit activities associated with aerial ropeway construction and operations and likely associated hazards and accidents. It is therefore desirable that based on the categories of hazards prevailing at the project site, risk assessment may be carried out by specialists in the field and recommendations may be implemented. Risk assessment should be carried out for seismicity, slope stability, soil erosion, and flood hazard.

#### **IV. Forest**

- ix. Submit the details of trees required to be cut for the project, including the type, girth size etc. Necessary permission from competent authority shall be obtained for tree cutting.

Compensatory tree plantation shall be carried out and cost provision should be made for regular maintenance. Details to be submitted.

#### **V. Socio-Economic Environment**

- x. Examine and submit the likely impact due to influx of people and associated developments.
- xi. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the Ministry and not on the basis of Minutes of the Meeting available on the web-site.
- xii. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.

#### **VI. Land Environment**

- xiii. Submit maps of the project area and 10 km surrounding area from boundary of the proposed/existing project area, thereby delineating project areas wild life sanctuaries notified under the Wild Life (Protection) Act, 1972/critically polluted areas as identified by the CPCB from time to time/notified eco-sensitive areas/interstate boundaries and international boundaries. Any bio- diversity park or any protected site.
- xiv. Submit baseline data and description of existing situation of the land at the proposed project site.
- xv. including description of terrain, hill slopes, inland topography, slope and elevation, rock types, regional tectonic setting (reported fractures/faulting/folding, warping), and history of any volcanic activity, seismicity and associated hazards.

#### **VII. Energy requirement**

- xvi. Submit details of power requirement and source. Energy efficiency measures in the activity should be drawn up. PP should also submit details of D.G. Sets along with noise control measures.

#### **VIII. Drainage**

- xvii. Details of anticipated impact during construction stage and operation stage w.r.t. landslides, surface drainage etc., should be predicted. The existing surrounding features up to 1 km and impact on them should be addressed separately.

#### **IX. Court Cases**

- xviii. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

**X. Miscellaneous**

- xix. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Aerial Ropeway>".