



Capital Development Authority

**TERMS OF REFERENCE FOR CABLE CAR SYSTEM**  
**FROM**  
**CHILDREN PARK NORTH OF F-6/2 TO MAKHIALA PEAK,**  
**IN MARGALLAH HILLS, ISLAMABAD**

The firm is required to conduct field surveys and furnish Comprehensive Feasibility Report of the project covering the following aspects: -

1. Engineering, Operational, Economics, Financial, Social Environmental safety and security aspects.
2. The Cable car shall pass through Saidpur Tourist village Daman-e-Koh and other important vistas and panoramic views of the Islamabad.
3. Determining the exact alignment, rope length, numbers, position and height of supporting pylons with due consideration to the topographic features, existing structures, installations and security restrictions.
4. Determining the area requirements for the Base Station and End Stations keeping in view the requirements of all the related installations including Car Parking and other facilities.
5. Identifying the nature and extent of public utilities and facilities at Base Station and end Station including a revolving Restaurant at end Station.
6. Geological study of the project area with special reference to the load bearing capacity at Base, end Station, intermediate pilons and the ropeways etc.
7. Concept plan for the access, exits and parking sites with drawings.
8. Preparation of the conceptual layout plan of the total project with all amenities and facilities.
9. Visitors forecast and outline management study.
10. Life Cycle Analysis (LCA) of the project.
11. Determining the type, size capacity of Cable Cars with special reference to international standards.
12. Requirements of electricity, water gas and other utilities.
13. Waste Management Plan including Solid Waste and sewerage.
14. Environment impact of the project.
15. Cost benefit analysis.
16. Any other related matter.
17. Time period for preparation of feasibility study is one month.
18. Construction time analysis including import of structure etc.
19. Repair & Maintenance facilities to be provided including detailed safety schedule.

**Dy. Director General (Environment)**