



# H.P. INFRASTRUCTURE DEVELOPMENT BOARD

(Govt. of Himachal Pradesh)

NEW HIMRUS BUILDING, CIRCULAR ROAD, SHIMLA-171001

*Email-hpidb-hp@nic.in, Telephone :0177-2626696,2627312 Fax-2627696*

## Invites

### Expression of Interest (EOI) for the appointment of Consultant.

Expression of Interest (EOI) is invited for appointment of 'Consultant' for conducting the pre- feasibility study for **“Development of Ropeway System for transportation of Agriculture/Horticulture produce loads from multiple points between any suitable place in Distt. Shimla (Apple belt i.e. Theog, Narkanda area etc) and border areas of H.P. in the plains (like Paonta Sahib, Kala Amb and Parwanoo etc or any suitable place in plains) “** under various options/ financial models in private sector. The key objective of the proposed appointment of Consultant and terms of reference are enclosed at **Annexure-I**.

The consultant must have experience of undertaking techno-economic feasibility studies of Ropeways based upon latest technology/innovations for implementation of such projects.

### Prequalification Criteria of the applicant/entity for the assignment

Before opening and evaluation of the Financial Proposals, Consultants are expected to meet the following pre-qualification criteria which would be a part of the EOI. The EOI of Consultants failing to meet following criteria or not submitting requisite proofs for supporting pre-qualification criteria are liable to be rejected at the pre-qualification stage.

Sl. No.	Criteria	Whether Met	Reference Details
1	The Consultant should be an organization registered in India, registered with the Service Tax Authorities and operating for the last 3 years	Yes / No	Certificate of Incorporation/ Service tax Authorities registration/Any other relevant document
2	The Consultant should have a minimum average turnover of <b>Rs. 3.00 Crore</b> in the last 3 years (FY09, FY10 and FY11)	Yes / No	Audited Financial Statements.
3	The Consultant must have experience of Consultancy in Aerial ropeway system for material and passenger transport development ( <i>minimum three successful projects in the last five years</i> )	Yes / No	Completion certificate from Project Authority.

**Financial Bid:**

The interested parties shall submit their financial bids as follows:-

Consultancy charges for conducting Pre-feasibility study, (*Techno Economic/Techno Commercial/Financial studies, Project Report, Field Survey & Investigation, Cost estimation and Financial Appraisal etc.*).[Refer TOR Sr. No. (i) to (xv)]

Pre-bid meeting shall be held on **21<sup>st</sup> January, 2012 at 3.00 PM** in the office chamber of the **General Manager, HPIDB, Circular Road, HIMLAND, Shimla 171001** to clarify the issues related to the assignment. The queries/issues be e-mailed at [hpiddb-hp@nic.in](mailto:hpiddb-hp@nic.in) latest upto **17<sup>th</sup> January, 2011**.

The **“Expression of Interest”** {*Technical and Financial bids separately in sealed envelopes (superscribing EOI for Development of Material Ropeway System in Himachal Pradesh)*} be submitted in the office of General Manager, HPIDB, New Himrus Building, Circular Road, Shimla-171001, on or before **15<sup>th</sup> February, 2012 upto 04.00P.M.** The HPIDB reserves the right to accept or reject any or all the EOIs at any stage of the process or any of the terms without assigning any reasons thereof.

**TOR FOR CONSULTANTS**

**PROJECT OBJECTIVE**

It is seriously felt that some alternative transport system for the purpose of agriculture-horticulture produce transportation from Distt. Shimla area to plains has to be developed keeping in view of very high cost of development of road/railway infrastructure and that too at expense of serious ecological, environmental and social impacts. Presently the apples are being transported by road (trucks, pickups and other small vehicles) only, because the apple season falls mainly in rainy season therefore the road conditions really worsen during this period, resulting into heavy cost of transportations and loss to growers since the apple is a perishable fruit. Therefore, the possibility of developing of Aerial Transportation system for export of Agriculture/Horticulture produce/apple from (*Apple Growing Areas*) in Shimla District of HP to prospective markets in the plains needs to be explored. This will not only help the Horticulturists but will ultimately result into lesser pressure on limited road infrastructure of State. The project is proposed to be developed in private sector.

**SCOPE OF WORK**

Conducting Pre-feasibility study (*Techno Economic/Techno Commercial/Financial studies, Field Investigation, System analysis, Cost estimation and Financial Appraisal/models related thereto*) under various options in private sector.

- (i) The inception report/conceptual plan shall have to be prepared and submitted by the selected Consultant. The Consultant must keep in view the latest technology/innovations in the aerial ropeway systems and concept must be technically and financially viable to meet the needs of providing safe, reliable, efficient solution. It must eliminate the current and future transport problems for material/goods transportation in the topographically challenging terrain. The concept should also be flexible enough to meet the seasonal variations in transport traffic and it should be integrated with the existing modes of transportation in the area with ease. The Consultant would have to develop feasible and financially sustainable concept based upon available data and latest technology/innovations to save the wide ranging needs of Hort.-Agricultural produce and other material transport in a area located in Shimla District of H.P. Further work on this assignment shall depend upon the outcome of inception report, acceptable to the HPIDB /HP Govt.
- (ii) Field reconnaissance survey for locating possible alternative alignments to connect the proposed points.

- (iii) Selection of possible optimum routes, out of the alternative alignments reconnoitered keeping in view the feasibility with regard to construction, operation and maintenance of the proposed ropeway system, suitability etc.
- (iv) Fixing locations of different terminal stations and assessment of available area/options.
- (v) Preparation of L-section and plan based on the data generated from preliminary survey.
- (vi) Consideration of any geological, traffic, climatological and meteorological data & other surveys relevant to the development of concept of ropeway system.
- (vii) Broad assessment of traffic based on the information collected from client and deriving system capacity.
- (viii) Assessment of goods/load and system capacity, indication and selection of appropriate ropeway system, Power requirements, safety, electrical and telecommunication requirements for the system, Indication of staffing requirements for operation and maintenance of smooth and efficient functioning.
- (ix) Broad assessment of the required area/space for handling material ropeway suitable storing/parking facilities etc. depending on the availability of land.
- (x) Assessment of the abstract cost of total capital investment required for Ropeways for Civil Mechanical & Electrical components.
- (xi) Assessment of abstract cost of operation and maintenance.
- (xii) Based on the investments for the most appropriate and suitable system, financial appraisal/model of the project under various options including periodic expenditure and estimated pricing of the goods tickets will be made.
- (xiii) Consider the phasing of overall system to keep in view the financial viability.
- (xiv) The detailed scope of work, objectives, specifications and terms & conditions to carry out feasibility study in private sector or other feasible mode in consultation with the HPIDB/H.P. Govt.
- (xv) Pre Qualification criteria for the prospective bidders both for Financial as well as Technical aspect for the preparation of Request for Qualification (RFQ) and Request for Proposal (RFP) document for the selection of prospective bidder based upon the feasibility study.

Please Note:

- Financial quote should be fixed i.e. fixed amount Bid shall be accepted.
- In case project is not feasible, the same can be terminated/abandoned at inception stage.
- No conditional bid shall be accepted.

## **STAGES OF PAYMENT**

- (i) 10% on submission of inception report/conceptual plan of the project and its acceptance by HPIDB /H.P. Govt.
- (ii) 20% on the submission of the draft pre-feasibility report to the satisfaction of the HPIDB/H.P. Govt. (*Techno Economic/Techno Commercial/Financial studies, Field Investigation, System analysis, Cost estimation, Financial Appraisal / Financial Models under various options* )
- (iii) 40% after preparation, submission of final Pre-feasibility report and its acceptance by HPIDB /H.P. Govt.
- (iv) 30% after submission/finalisation of Request for Qualification (RFQ) and Request for Proposal (RFP) document for the selection of prospective bidder and its acceptance of by HPIDB/H.P. Govt.

### **Note:-**

- For any enquiry, please contact at the following address:-

**General Manager**

**HP Infrastructure Development Board**

**New Himrus Building, Himland, Shimla-171001 ( H.P.)**

**Tel: 0177-2626696,2627312 Fax-0177-2627696, E-Mail: [hpiddb-hp@nic.in](mailto:hpiddb-hp@nic.in)**