

No. RTDC/ Mata Chintpurni Ropeway/2023/17842-58 Dated: -23/03/2023.

To
All consultants
on the PANEL of RTDC.

Subject: EOI (Expression of Interest)-cum-Financial Bid for undertaking Consultancy for preparation of Project Report, Tender Document & P.M.C. for development of passenger ropeway from Baba Maya Dass Bhawan Parking to Chintpurni Temple, Distt. Una (H.P.).

Sir,

EOI (Expression of Interest)-cum-Financial Bid for undertaking Consultancy for preparation of Project Report, Tender Document & P.M.C. for development of passenger ropeway from Baba Maya Dass Bhawan Parking to Chintpurni Temple, Distt. Una (H.P.) is hereby invited. The key objective of the proposed appointment of consultant and terms of reference are enclosed at **Annexure-A**. The brief details of the planned ropeway project is given as under:-

Name of the Project	Tentative project Cost(Cr)	Project completion time	Purpose
Development of passenger ropeway from Baba Maya Dass Bhawan Parking to Chintpurni Temple, Distt. Una (H.P.).	65.92 Cr.	2 Years	Public Utility.

Bidding Parameters:-

I. The bid shall be accompanied with cost of document amounting to Rs. 10,000/- plus GST in the shape of Accounts Payees Bank Draft in the name of Deputy General Manager, Ropeways and Rapid Transport System Development Corporation H.P. Limited, Shimla or RTGS on following account:

Account no.- 50100297437422
Name- ROPEWAYS & RAPID TPT SYS DEV CORP HP LTD
Name of the Bank- HDFC the Mall Shimla
IFSC- HDFC0000524

II. The bid shall be accompanied with Earnest Money/Bid security amounting to Rs. 1.5 Lakhs (Rupees One Lakh fifty thousand only) in the shape of Accounts Payees Bank Draft/Bank Guarantee with a validity of 120 days from the date of opening of tenders in the name of Deputy General Manager, Ropeways and

Rapid Transport System Development Corporation H.P. Limited, Shimla or RTGS on following account:

Account no.- 50100297437422
Name- ROPEWAYS & RAPID TPT SYS DEV CORP HP LTD
Name of the Bank- HDFC the Mall Shimla
IFSC- HDFC0000524

III. The earnest money shall be returned/refunded after the award of the consultancy to all the bidders except the successful bidder who within 15 days of the issue of award letter, has to furnish the performance guarantee (with a validity of 360 days) amounting to 10 percent of the awarded amount in the name of Deputy General Manager, Ropeways and Rapid Transport System Development Corporation H.P. Limited, Shimla. The bid security of the successful bidder shall be refunded after the receipt of Performance Guarantee.

IV. Eligibility Criteria:-

a) The Bidder must have done consultancy services (preparation of Detailed Project Report/PMC) for Passenger Ropeway/Mass Rapid Transport Projects during the last five years of value:-

1. One project not less than 30 Cr. or
2. Two projects not less than 20 Cr each.
3. Three projects not less than 15 Cr each.

b) Bidder must demonstrate its strength by submitting detailed credentials of expertise of the team members (detail of Team members to be annexed with Bid) available with him to do this specialized assignment i.e. Experience in Similar projects, details of successful projects, Credentials of team for doing this assignment and details of other EPC projects successfully undertaken (Acceptable to the RTDC) to be submitted in separate envelope, which should be subscribed as **"Technical Bid"**.

* Qualification & Experience requirement for Team Members

S.No.	Position	Qualification	Experience
1.	Team Leader- 1No.	B.E./B. Tech (Mechanical/civil) from reputed institute	10 Years plus as a Project Leader/Project Manager in developing/designing/constructing or commissioning of ropeway or any mass rapid transport system facility.
2	Ropeway Expert(1 No)	CEN Certified Designer/ Engineer	Planned or executed at least 2 ropeway projects on CEN standards in the last 5 years

3.	Architect (1 No)	B. Arch	Minimum 10 years of experience in infrastructure projects.
4.	Quantity surveyor (1 No)	B. Tech Civil	Minimum 10 years of experience as quantity Engineer in infrastructure projects.
5.	Site Engineer	B. Tech Civil/Mechanical	Minimum 10 years of experience as site Engineer in infrastructure projects.
6.	Safety Engineer	B. Tech Civil/Mechanical	Minimum 10 years of experience as safety Engineer in infrastructure projects.
7.	Financial Expert	MBA/CA	Minimum 5 years of experience as financial expert in infrastructure projects.
8.	Legal Expert	BA LLB	Minimum 5 years of experience as legal expert in infrastructure projects.

- The bidder must have the minimum requirements as stated above both in terms of project experience and qualification & experience of team members for technical qualification. During Execution the team leader, Site Engineer, safety Engineer and Quantity Engineer shall be available at site at all times.

V. In the financial bid the Bidder shall quote for the Consultancy fee **in absolute** amount which shall be paid to the selected consultant at different stages on achieving the milestones, as per the Scope of the Work attached as per annexure -'A', to be submitted in a separate envelope to be super-scribed as "Financial Bid" as per Annexure "B". The financial bids of the technically qualified parties shall only be opened. Further, in case Financial Bid is not submitted in separate envelope and is accidentally opened during technical evaluation, the RTDC reserves the right to accept or reject the same without assigning any reasons thereof.

Both the envelopes should be put into one single envelope to be super-scribed as **EoI (Expression of Interest)-cum-Financial Bid for undertaking Consultancy for preparation of Project Report, Tender Document & P.M.C. for development of passenger ropeway from Taxi Parking to Baba Balak Nath Temple, Distt. Hamirpur (H.P.)**

IV. The EoI shall be addressed to the Deputy General Manager, Ropeways and Rapid Transport System Development Corporation H.P. Limited (RTDC), US Club, Shimla-171001 and should reach on or before 13-04-2023 up to 3:00 PM and the technical bid shall be opened on same day at 3:30PM. The RTDC reserves the right to accept or reject any or all the Bids at any stage of the process or any of the terms without assigning any reasons thereof.



Yours faithfully,

Deputy General Manager,
Ropeways & Rapid Transport
System Development Corporation,
US Club, Shimla-1.

Ⓢ E-mail dgmrtldchp@gmail.com

Copy forwarded to

1. The Chairman cum-Managing Director (RTDC), of Himachal Pradesh for information please.
2. The Principal Secretary (Transport), to the Government of Himachal Pradesh for information please.

Deputy General Manager,
Ropeways & Rapid Transport
System Development Corporation,
US Club, Shimla-1

Ⓢ E-mail dgmrtldchp@gmail.com

TOR FOR CONSULTANTS

PROJECT OBJECTIVE

The objective of the assignment is to successfully **undertake Consultancy for preparation of Project Report, Tender Document & P.M.C. for development of passenger ropeway from Baba Maya Dass Bhawan Parking to Chintpurni Temple, Distt. Una (H.P.)**. The Project shall include but not limited to following scope of work:

SCOPE OF WORK

1) Preparation of Project Report

a. Site Topographical Survey and Geo Technical Studies as per prescribed engineering norms.

- Carry out detailed Drone survey of the area and make out conceptual plans required by client, keeping in view the topographical features and functional needs of the location, with respect to the buildings if any, already existing at site, utilities etc.
- Topographical surveys with DGPS control.
- Carry out detailed Soil including Geotechnical investigations to ascertain the Safe Bearing Capacity for design of foundation (one each at all terminal location).
- Study of existing traffic data and projection for the ropeway.

b. Preparation of Plans and Drawings

- Discussions and finalization of project brief, freezing of Conceptual Plan as per the RTDC requirement.
- Carry out general architectural planning/design of the LTP, UTP & intermediate terminal points (if any) keeping in view the need to harmonize with the landscape and local architectural and features of the buildings already existing in the area incorporating Solar Passive techniques, wherever applicable.

c. Preparation of General design & planning as per the architectural drawing approved and available site.

- Preliminary plans for ropeway system/technology on CEN Standard by earmarking location of LTP, UTP & Tower etc.
- Prepare general design of the ropeway infrastructure i.e. Lower Terminal, Upper Terminal, and intermediate terminal points if any, as per CEN Standards.

d. Preparation of cost estimates

- Prepare cost estimates including costing of Civil & Electro Mechanical components of ropeway infrastructure i.e. Lower Terminal, Upper Terminal, and intermediate terminal points if any, as per Himachal Pradesh schedules of rates and Delhi Schedule of rates.

2) Tender Management :

- i) Preparation & submission of RFP & Contract Agreement Documents: The RFP and Contract Agreement shall have robust contractual framework defining relationships among the various stakeholders, the RTDC, lenders etc. and ensure the correct assignment of risks, duties and rewards.
- ii) Management of the Bidding Process & selection of the successful bidder : This includes drafting of a short News Paper Advertisement, pre-marketing, clarification to prospective bidders, arranging Pre-Bid Meeting, Preparation of Clarifications to the participants, Marketing the project to the national and international CEN Standards equipment supplier, evaluation of Technical and Financial Proposals.
- iii) Assisting RTDC in the issuance of Letter of Intent & Award to the successful Bidder and execution of Contract Agreement between the successful Bidder and RTDC.

3) Construction Supervision:

- i) Testing and inspection will be carried out mainly based on the technical and procedural standards of the BIS/ European/Canadian /American / CEN code.
- ii) Inspection of Geo-tech investigations, ropeway substructure works as per design & drawings on relevant standards. All ropeway related electromechanical equipment at work site, erection of complete Ropeway equipment, commissioning, testing as per safety standards & anti-collision devices and testing of evacuation equipment practically as per SOP. The reports of inspections at various stages be submitted to RTDC.

4) Quality Check & Assurance during Execution Phase :

- i) Check and control of the quality of the execution of the ropeway on site, monitoring of the time schedule. In detail this phase will include following items:
 - a) To monitor contractor's supervision of the construction activities as per predetermined inspection test plan;
 - b) Quality planning and quality assurance;
 - c) Quality check and final approval of the ropeway foundations;

- d) Check of the correct position of all anchor frames and foundation positions;
- e) Quality check of the foundation reinforcement steel bars and concrete material;
- f) To review the proposed construction schedules periodically updated by contractors and get it approved from RTDC.
- g) To review and approve contractors' method statement, erection procedures & work plans;
- h) To monitor quality of the work being executed through good engineering practices.

5) Measurement of work

- a) To assist the Ropeways and Rapid Transport System Development Corporation (RTDC), Shimla, in arriving at any cost variation and its impact on design during construction stage, related to drawing & design.
- b) Checking measurement of works at site in full, preparation/verification of bills and submitting the same to RTDC along with quality assurance certificate to that effect as per payment milestone completed giving complete details of item wise quantities executed at site.

Deliverables/Timelines and Payment Schedule

The tentative project completion time for development of this Ropeway is two years.

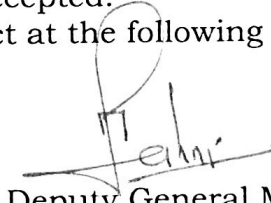
Stage	Scope of Work/Description	Deliverable	Timeline (to be calculated from the date of award)	% of total fees payable
I	Project Report	g) Submission of Draft Project Report.	30 days	20%
		h) Submission of Final Project Report.	35days	5%
II	Tender Management	c)Preparation of complete tender document.	45 days	5 %
		d) selection of contractor, Issue of award letter & signing of contract agreement.	As per RFP	10 %

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III	Measurement of works	b) Preparation/verification and submission of bills of all works along with Quality assurance certificates to RTDC as per RFP	As per RFP	50%
IV	Final Testing of Ropeway on its being ready for operation including inspection of all regulating authorities as per HP Aerial Ropeway Act.	b) Receipt of certificate from Ropeway Inspector allowing operation of this ropeway after inspection by all regulating authorities.	As per RFP	10 %

Notes:-

- i) There will be a penalty of 2% per week or part thereof (only working days), of the installment due, for delay on the part of the Consultant, if any, in submission of deliverables.
- ii) Financial quote should be fixed i.e. fixed amount Bid shall be accepted.
- iii) The data/information available with the RTDC shall be provided to the selected Consultant, however, rest of the data for this assignment shall be collected by the Consultant independently.
- iv) The invoice shall be considered for payment only after acceptance of deliverable by RTDC.
- v) In case Consultant wish to associate expert of this field, proper Agreement between the parties be enclosed specifically for delineate respective responsibilities under the agreement, along with credential in this area, but main responsibility would be of the Empaneled Consultant.
- vi) Conditional bid shall not be accepted.
- vii) For any enquiry, please contact at the following address:-


Deputy General Manager,
Ropeways and Rapid Transport System
Development Corporation H.P. Ltd. (RTDC)
U.S. Club, Shimla -1.

(Annexure B)

FINANCIAL BID

Tender Inviting Authority:- Deputy General Manager RTDC US Club Shimla

Name of work: - EoI (Expression of Interest)-cum-Financial Bid for undertaking Consultancy for preparation of Project Report, Tender Document & P.M.C. for development of passenger ropeway from Baba Maya Dass Bhawan Parking to Chintpurni Temple, Distt. Una (H.P.).

PRICE SCHEDULE

Sr No	Name of work	Quoted consultancy amount (In absolute amount)	
		In Figures	In words
1	Development of passenger ropeway from Baba Maya Dass Bhawan Parking to Chintpurni Temple, Distt. Una (H.P.).		
	GST		
	TOTAL		

Dated

(Authorized Signatory)

Name of Firm

Address with Telephone Number