

No. RTDC/EOI Chamba bus stand to Chaugan/2021/6931-44 Dated: - 17/09/2021
To

All consultants
on the PANEL of RTDC.

Subject: EOI (Expression of Interest)-cum-Financial Bid for preparation of project report, Bid process management & undertaking Project Management Consultancy for Development of Passenger Ropeway from Chamba bus stand to Chaugan Distt. Chamba (H.P.) on BIS/Hybrid Standards.

Sir,

EOI (Expression of Interest)-cum-Financial Bid for preparation of project report, Bid process management & undertaking Project Management Consultancy for Development of Passenger Ropeway from Chamba bus stand to Chaugan Distt. Chamba (H.P.) on BIS/Hybrid Standards is hereby invited. The key objective of the proposed appointment of Project Management Consultant and terms of reference are enclosed at **Annexure-A**.

Name of the Project	Tentative project cost	Purpose
Development of Passenger Ropeway from Chamba bus stands to Chaugan Distt. Chamba (H.P.) on BIS/Hybrid Standards on EPC mode.	6 Crore	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 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. 3 Lakh (Rupees Three Lakh) 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 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 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 Prefeasibility reports / feasibility reports / bid process management/Detailed Project Report /PMC) for Passenger Ropeway Projects during the last five years of value:-
- 1) One project not less than 6 Cr. or
 - 2) Two projects not less than 3 Cr each.
 - 3) Three projects not less than 2 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) (Technical, Financial, Legal Expert) 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

Sr.No.	Position	Qualification	Experience
1.	Team Leader - 1No.	B.E./B.Tech (Mechanical) from reputed institute	5 Years plus as a Project Leader /Project Manager in developing/designing/constructing or commissioning of ropeway or any mass rapid transport system facility including its construction planning and management.

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2.	Structural Engineer – 1 No	M.E./M. Tech in Structural Engineering	5 years plus as a Structural Engineer in design office with experience in hands on design of structures, checking/vetting of designs in construction/ erection of any infrastructure project.
3.	Designer- Civil / Mechanical – 1 No.	B.E./B. Tech.- Civil/Mechanical	5years plus as a Civil/Mechanical Engineer in design office with experience in hands on design of Civil & Mechanical Structure and vetting of designs in construction/ erection of Ropeway or any mass rapid transport system projects.
4.	Designer- Electro-Mechanical – 1 No.	B.E./B. Tech (Mechanical/ Electrical)	5 years plus as a Electrical/Mechanical Engineer in design office with experience in hands on design of Electro- Mechanical Equipments and vetting of designs in Construction/erection of Ropeway or any mass rapid transport system projects.
5.	Ropeway Expert(1 No)	B.E./B. Tech (Mechanical)	2 years plus as a Mechanical Engineer with experience essentially in construction/ erection of passenger Ropeway facility projects.
6.	Financial Expert (1 No)	MBA/CA	Minimum five years experience infrastructure projects.
7.	Legal Expert (1 No)	B.A. L.L.B	Minimum five years experience infrastructure projects.
8.	Architect (1 No)	B. Arch/ M. Arch	Minimum 10 years of experience 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. **For PMC the team comprising of One Team leader, One ropeway expert, One Mechanical/Electrical Engineer, and one Civil Engineer shall be placed at site monitoring during execution of the project at all times. Structural Engineer/Architect shall be available at the site on call basis as and when required.**

V. In the financial bid the Bidder shall quote for the Consultancy fee **in absolute** amount(as per Annexure B) 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



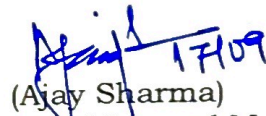
super-scribed as "Financial Bid". The financial bids of the technically qualified parties shall only be opened. Further, in case Financial Bid is not submitted in separate envelope and is accidentally opened during technical evaluation, the RTDC reserves the right to accept or reject the same without assigning any reasons thereof.

Both the envelopes should be put into one single envelope to be super-scribed as **EOI-cum-Financial Bid for preparation of estimates, Bid process management & undertaking Project Management Consultancy for Development of Passenger Ropeway from Chamba bus stand to Chaugan Distt. Chamba (H.P.) BIS/Hybrid Standards on EPC mode.**

IV.

The EOI shall be addressed to the Chief General Manager, Ropeways and Rapid Transport System Development Corporation H.P. Limited (RTDC), US Club, Shimla-171001 and should reach on or before 12/10/2021 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.

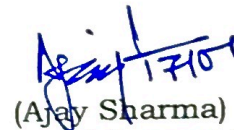
Yours faithfully,



(Ajay Sharma)
Chief General Manager,
Ropeways & Rapid Transport
System Development Corporation,
US Club, Shimla-1.

Copy forwarded to

1. The Additional Chief Secretary (Tpt) to the Government of Himachal Pradesh for information please.



(Ajay Sharma)
Chief General Manager,
Ropeways & Rapid Transport
System Development Corporation,
US Club, Shimla-1

Annexure-A

TOR FOR CONSULTANTS

PROJECT OBJECTIVE

The objective of the assignment is to successful development of Passenger Ropeway from Chamba bus stand to Chaugan Distt. Chamba (H.P.) on **BIS/Hybrid Standards on EPC mode.**

SCOPE OF WORK

a. Project Report

- **Site Topographical Survey and Geo Technical Studies as per prescribed engineering norms**
- Carry out detailed topographical survey with DGPS control of the area and make out conceptual plans/ preliminary drawings as required by client, keeping in view the topographical features and functional needs of the location.
- Carry out detailed Soil including Geo-technical investigations (2 No Bore holes at two station locations) to ascertain the Safe Bearing Capacity for design of foundation.
- **Preparation of Architectural Plans and Drawings**
- Discussions with client and finalization of project brief, freezing of Conceptual Plan as per the requirement of the client.
- Carry out Architectural design of the ropeway stations keeping in view the need to harmonies with the landscape and other Architectural features existing in the area.
- Preparation of detailed working drawing and specifications.
- **Preparation of Estimates**
- The estimates shall be complete, comprehensive and must be supported by detailed Architectural drawings, preliminary structural plans, preliminary lay-out drawings of the various services, detailed drawings and/or specifications for the various components of work involved, details in support of the lump-sum provisions made in the estimate if any, a brief note on the special construction difficulties likely to be

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encountered during construction stage etc.

- b. Management of the Bidding Process** & selection of the successful bidder: This includes drafting of a short News Paper Advertisement, pre-marketing, and clarification to prospective bidders, arranging Pre-Bid Meeting, Preparation of Clarifications to the participants, Marketing the project to the national and international equipment supplier, preparation of justification of rates, evaluation of Technical and Financial Proposals.
- Assisting RTDC in the issuance of Letter of Intent & Award letter to the successful Bidder and execution of Contract Agreement between the successful Bidder and RTDC.
- c. Construction Supervision:**
- Testing and inspection will be carried out mainly based on the technical and procedural standards of the BIS code.
 - 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.
 - Assist client in mobilization of resources and check CPM of the Contractor.
 - Coördination with main Contractors and sub-contractors and rendering technical advice; Holding periodic Progress Meetings and sorting out problems.
 - Proof checking of Structure Drawings/ Good for Construction Drawings submitted by Contractor for the construction
 - Check Construction Drawings submitted by the Contractor per the requirement of the work.
 - Construction supervision, Quality Control and Quality Assurance as per the standard practice.
 - Ensure effective coordination between various agencies working at the site and the Architects to ensure timely availability of the inputs required for uninterrupted construction at site all in accordance with agreed programme of the activities.

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- Ensuring that the construction is being carried out in accordance with the approved working designs, drawings and specifications and as per Programme laid down in the Contract.
- Ensure quality control of the Work including materials and workmanship, certify measurement of work executed, and make progressive payments based on physical realization / completion of works, as per approved procedure and schedule of payments to Contractors. A Monitoring Committee constituted by client or nodal officer nominated by client will do the routine inspection at site on random basis but the overall responsibility is of the consultant.
- Keeping a close watch on deviations of items beyond prescribed limit, extra items, and substituted items.
- Providing detailed justification for necessity of major changes in terms of design, quantities and specifications etc. & obtain approval thereof from client.
- Provide quick clarifications to design or details that have been provided vide drawings or immediate solutions to clarifications sought by the vendors/contractors.
- Checking of Contractor running bill, certification and assist RTDC in timely payments to the contractor to maintain the cash flow. All measurement of work will be recorded in Measurement books at site by Engineer-in Charge. Checking and certification of contractor's final bills of the works executed and final payments to the contractor.
- Submission of Monthly/Quarterly/Annual Progress Reports and Final Completion Report in the approved or as required by client.

d. Quality Check & Assurance during Execution Phase :

Check and control of the quality of the execution of the ropeway on site, monitoring of the time schedule, factory acceptance test. In detail this phase will include following items:

- To monitor contractor's supervision of the construction activities as per predetermined inspection test plan;
- Quality planning and quality assurance;
- Quality check and final approval of the ropeway foundations;
- Check of the correct position of all anchor frames and foundation positions;

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- Quality check of the foundation reinforcement steel bars and concrete material;
- To review the proposed construction schedules periodically updated by contractors and get it approved from RTDC.
- To review and approve contractors' method statement, erection procedures & work plans;
- To monitor quality of the work being executed through good engineering practices.

e. Measurement of work

- Assuming full and overall responsibilities for supervision & quality control for proper execution of all works by contractor who engaged from time to time.
- Identify construction delay and recommend to Ropeways and Rapid Transport System Development Corporation (RTDC), Shimla, remedial measures to expedite the progress.
- 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.
- Checking measurement of works at site in full, preparation of bills and submitting the same to RTDC along with quality assurance certificate to that effect as per milestones.

f. Defects Liability Period

- Settlement of all accounts of the Contractors.
- Witness testing & commissioning of all utilities and certify the same.
- Provide project completion report which shall contain all technical information of the project.
- Co-ordinate with Contractors and arrange for user operation & maintenance manuals.
- Rectification defects through Contractor during the 'Defect Liability Period (DLP) of particular component of the Project' which will be 12 months. The month of DLP of Particular Component of the Project will start from the date of Completion of project component.

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Deliverables, Timelines & Payment Schedules

Sr. No.	Scope of work	Deliverable	Timeline for Submission (To be calculated from the date of Award)	% of total fees payable
1.	Mobilization advance against Bank Guarantee of equivalent amount to be adjusted in first running bill.	Bank Guarantee of Equivalent Amount	-	10%
2.	Draft Project report (as described above in '1'). The mobilization advance will be adjusted in the payment for this deliverable.	Submission of Draft DPR	30 days	30%
3.	Final Project Report	Final DPR	75 days	10%
4.	Tender Management (as described in "a" above)	a) Preparation of complete tender document.	30 days As per RFP	5%
		b) Selection of contractor, Issue of award letter & signing of contract agreement.	As per RFP	5%
5.	Proof checking of structural drawings	-	As per RFP	5%

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Sr. No.	Scope of work	Deliverable	Timeline for Submission (To be calculated from the date of Award)	% of total fees payable
5.	Construction Supervision, Quality Check/control and measurement & billing (as per c, d & e above)	-	As per RFP	30%
6.	Final Testing of Ropeway on its being ready for operation including inspection of all regulating authorities as per HP Aerial Ropeway Act.	Receipt of certificate from Ropeway Inspector allowing operation of this ropeway after inspection by all regulating authorities.	As per RFP	10%
7.	On completion of Defect Liability Period	-	As per RFP of Construction work	5%

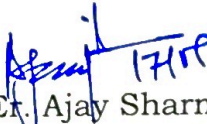
Notes: -

1. 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 subject to maximum of 10% of the awarded amount.
2. Financial quote shall be in absolute amount as per Annexure-B.
3. In case the project is abandoned at any stage the payment till the latest milestone achieved by the consultant shall be made by the RTDC.
4. 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.
5. The invoice shall be considered for payment only after acceptance of deliverable by RTDC.
6. In case Consultant wish to associate expert of this field, proper

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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 Empanelled Consultant. Only one Technical Member shall be allowed in such formation.

7. Conditional bid shall not be accepted.
8. For any enquiry, please contact at the following address
9. Consultants are already working with RTDC on three projects or more cannot participate in the tender.


Ex. Ajay Sharma
Chief General Manager,
Ropeways and Rapid Transport System
Development Corporation H.P. Ltd. (RTDC)
U.S. Club, Shimla -1.
Email: - cgmrdchp@gmail.com

Ropeways and Rapid Transport System
Development Corporation HP Limited
(A State Government Undertaking)
US Club, Shimla - 1
Phone No. 0177-2811001, 2811003, 2811004



FINANCIAL BID (Annexure B)

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

Name of work: - EOI (Expression of Interest)-cum-Financial Bid for preparation of project report, Bid process management & undertaking Project Management Consultancy for Development of Passenger Ropeway from Chamba bus stand to Chaugan Distt. Chamba (H.P.)

PRICE SCHEDULE

Sr No	Name of work	Quoted consultancy amount (In absolute amount)	
		In Figures	In words
1	EOI (Expression of Interest)-cum-Financial Bid for preparation of project report, Bid process management & undertaking Project Management Consultancy for Development of Passenger Ropeway from Chamba bus stand to Chaugan Distt. Chamba (H.P.)		
GST			
TOTAL			

Dated

**(Authorized Signatory)
Name of Firm
Address with Telephone Number**