

ROPEWAYS AND RAPID TRANSPORT
SYSTEM DEVELOPMENT CORPORATION H.P. LIMITED

NOTICE INVITING TENDER (NIT)

RTDC invites lump sum price tender as per schedule as under:

Name of the work	EOI (Expression of Interest)-cum-Financial Bid for undertaking Consultancy Services for preparation of Concept drawings, Detailed architectural drawings, Supervision & Quality control and Measurement of work at site for Construction of SDRF building in Nurpur Jaach with Prefabricated/ Pre-Engineered building technology.
Estimated Cost	Rs 5 Lacs
Period of Completion	8 Months
Earnest Money Deposit	Rs 20,000/-
Non-refundable cost of Tender Document Fee	5,000 + 18% GST
Bid Submission Date	14/07/2021
Bid Opening Date	14/07/2021
Validity of offer	120 days from date of opening of bid.


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INSTRUCTIONS TO BIDDERS

EOI-cum-Financial Bids for Preparation of Concept drawings, Detailed architectural drawings, Supervision & Quality control and Measurement of work at site for Construction of SDRF building in Nurpur Jaach with Prefabricated/ Pre-Engineered building technology are hereby invited. The key objectives of the proposed appointment of Consultant and terms of reference are enclosed at Annexure-A.

Name of the Project	Tentative project cost at present	Purpose
Construction of SDRF building in Nurpur Jaach with Prefabricated/ Pre-Engineered Building technology.	INR 3 Crores	Public Utility

Bidding Parameters: -

- I. The bid shall be accompanied with cost of document amounting to Rs. 5,000/- 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. 20,000/- (Rupees 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 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 one year) amounting to Rs 1,00,000/- (Rupees One Lacs only) in the name of General Manager, Ropeways and Rapid Transport System Development Corporation H.P.


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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 (Architectural design/Detailed Project Report/PMC) for Infrastructural projects during the last five years of value:-
- 1) One project not less than 3 Cr. or
 - 2) Two projects not less than 1.5 Cr each or
 - 3) Three projects not less than 1 Cr each.
- b) **The bidder shall not have two or more live consultancy works awarded by RTDC at his hand at the time of opening of bids.**
- c) 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

Sl.No.	Detail of Team Members	Qualification	Experience
1.	Team Leader (1 Nos)	B.Tech Mechanical/ B.Tech (Civil)	Minimum 10 years of experience in similar projects.
2.	Architect (1 Nos)	B. Arch/ M.Arch	Minimum 10 years of experience in similar projects.
3	Mechanical Engineer (1 No)	B.E/ B.Tech (Mechanical)	Minimum 7 years of experience in similar projects
4.	Civil Engineer (1 Nos.)	B.E/ B.Tech (Civil)	Minimum 7 years of experience in similar projects
5.	Electrical Engineer (1 Nos)	Diploma in Electrical	Minimum 7 years of experience in similar projects.

- Similar projects means infrastructure projects
- **For PMC the team comprising of One Team leader, One Mechanical Engineer,**

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and one Civil Engineer shall be placed at Nurpur site monitoring during execution of the project at all times. Electrical Engineer/ Architect shall be available at the site on call basis as and when required.

- V. The firm must have the minimum requirements as stated above both in terms of project experience and qualification & experience of team members for technical qualification. In the financial bid the Bidder shall quote for the Consultancy fee **in Percentage of the Project Cost (exclusive of GST)** which shall be paid to the selected consultant at different stages on achieving the milestones, as per the Terms of Reference 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.
- VI. Both the envelopes should be put into one single envelope to be super scribed as "EOI-cum-Financial Bid for **preparation of Concept drawings, Detailed architectural drawings, Supervision & Quality control and Measurement of work at site for Construction of SDRF building in Nurpur Jaach with Prefabricated/ Pre-Engineered building technology.**
- VII. 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 14/07/2021 up to 3.00 PM and 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.

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Annexure A

TOR FOR CONSULTANTS

PROJECT OBJECTIVE

The objective of the assignment is construction of SDRF building in Nurpur Jaach with Prefabricated/ Pre-Engineered building technology..

The Projects shall include: -

1. Preparation of Architectural drawings/design along with Cost estimates
 - a. Site topographical survey and Geo-tech studies
 - b. Planning of the entire area clearly showing the passages/offsets.
 - c. Preparation of concept Architectural Plans and Drawings incorporating Solar passive designs.
 - d. Preparation of Detailed & Working Drawings
2. Supervision & Quality control.
3. Measurement & billing of work at site.

SCOPE OF WORK

- 1) **Preparation of Architectural drawings/design along with Cost estimates**
- **Site Topographical Survey and Geo Technical Studies as per prescribed engineering norms**
 - Carry out detailed survey of the area and make out conceptual plans as 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.
 - Liaisoning with Local Bodies and obtain their approvals for the Works and for shifting/relocating existing utilities as necessary. Client will provide all possible assistance in this regard.
 - Carry out detailed Soil including Geo-technical investigations 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 buildings keeping in view the need of the client to harmonize with the landscape and local architectural and features of the buildings, if any, already existing in the area.
 - Prepare Architecture plans incorporating Solar Passive techniques, Central Heating System, Harnessing Solar energy and Lifts wherever applicable.


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- **Preparation of Detailed & Working Drawings with Detailed specifications as per the architectural drawing approved and available site.**

2) Construction Supervision

- Assist client in mobilization of resources and check CPM of the Contractor.
- Coordination 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.
- 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 contractors 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.

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4) 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.

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 Architectural drawings/ design (as described above in '1'). The mobilization advance will be adjusted in the payment for this deliverable.	Submission of Draft Architectural drawings/ design	15 days	30%
3.	Final Architectural drawings/ design along with Cost estimates	Final Architectural drawings/ design along with Cost estimates	30 days	20%
4.	Proof checking of structural drawings	-	As per RFP of Construction work	5%
5.	Supervision & Quality control and measurement & billing of work at site in full.	-	As per RFP of Construction work	40% (In Percentage of Contractors Bill)
6.	On completion of Defect Liability Period	-	As per RFP of Construction work	5%


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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.
2. Financial quote shall be in percentage of Project Cost exclusive of GST.
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 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 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


Chief General Manager,
Ropeways and Rapid Transport System
Development Corporation H.P. Ltd. (RTDC)
U.S. Club, Shimla -1.
Email: - cgmrtldchp@gmail.com
Tel- (0177)2811001/2811003