



Web: - www.hpptcl.com

H.P. POWER TRANSMISSION CORPORATION LTD.

(A State Govt. Undertaking)

Regd. Office: Himfed Bhawan, New ISBT Road, Panjari, Shimla-171005

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(CIN): U40101HP2008SGC030950

(GSTIN):02AACCH1548M1ZP

HPPTCL/Projects/F-75/2023-24 - 585-87

Dated: 18/04/2023

Notice Inviting Tenders.

Sealed item rate tenders are hereby invited for the **“Supply & Installation of Firewalls and Managed Switches for Telemetry Network of 220/33kV Substation at Prini(Manali)”**, so as to reach the office of the **GM (Project) HPPTCL Panjari Shimla-05**, on or before **24/04/2023 up to 2.00 P.M.**

The **bids will be opened on the same day at 3.30 P.M** in the presence of bidders or their authorized representatives who may wish to be present at the time of opening. If the opening date happens to be a holiday, the quotations will be opened on next working day at 3.30 P.M. **The quotation received after the scheduled date and time of opening shall not be entertained.**

The **No. and Due Date of opening** must be clearly mentioned on the envelope. The envelope containing tenders should be duly sealed.

The Bill of Quantities for the JOB shall be as per enclosed Annexure-A.

GENERAL TERMS AND CONDITIONS: -

1. The Name of Work is **“Supply & Installation of Firewalls and Managed Switches for Telemetry Network of 220/33kV Substation at Prini”**
2. **Scope of Work** shall be as under:
 - a. Supply of Material at Prini (Manali) as per the BoQ.
 - b. Supply of Material at HPSLDC as per the BoQ.
 - c. Configuration of Firewalls and Switches as per the instruction of Engineer-In-Charge
 - d. Configuration of L2 VPN Tunnel between Firewall at HPSLDC and Firewall at Prini.
 - e. Installation, Splicing and Testing of Optical Fiber Cables and LIUs/FODP as per the instruction of Engineer-In-Charge.
 - f. Testing & Commissioning of Configured Network
 - g. Power supply shall be arranged by HPPTCL.
 - h. Internet WAN connection shall be arranged by HPPTCL.
3. The Bids shall be valid for a period of 180 days from the date of opening of bids prescribed in the NIQ.

4. The Bidder **must** furnish, as part of his Bid, **Bid Security** amounting to Indian Rupees (₹) 8,000/- in the form of Bank Draft or any equivalent instrument in favour of Managing Director, HPPTCL, Shimla, 171005 payable at Shimla.
 - a. Bid security shall be valid for a period of 180 days from the date of opening of bids prescribed in the NIQ.
 - b. Bid Security of unsuccessful bidders shall be released after award of work to successful bidder.
 - c. Bid Security of successful bidder shall be released after completion of works.
 - d. No interest shall be paid on the Bid Security by employer.
 - e. Bids not accompanied by valid Bid Security shall be rejected.
5. The prices quoted must be "FIRM" F.O.R. destination.
6. The prices quoted should be STRICTLY as per the BoQ. The rate of GST as applicable should be mentioned separately.
- 7. Qualification Requirements:**
 - a. The bidder should be the OEM or authorized partner of Manufacturer of Firewalls and Switches proposed to be supplied. The bidders shall produce documents supporting the same.
 - b. The bidder should have a valid GST registration, and valid PAN. The bidder shall produce relevant documents supporting the same.
 - c. The bidder should have sufficient cash in hand to execute the entire works. The bidder shall produce latest bank statement as supporting document.
8. The undersigned reserves the right to reject any or all of the quotation without assigning any reason.
9. The Contractor shall propose the make and detailed specification of material proposed to be supplied along with the bid.
10. The proposed material to be supplied shall be new, the best of quality and designed to ensure satisfactory operation under varying atmosphere, climatic, humid, snowy conditions. The employer shall reserve the right to reject the proposed material if the specifications fail to meet the requirements.
11. Contractor shall familiarize itself with the nature of jobs and responsibilities involved in this contract at his own cost before submitting the bid.
12. The Contractor shall provide employer with Test Certificates of all the materials supplied along with a certificate of conformance to the Technical Specifications.
13. Each Bidder shall submit only one Bid. A Bidder who submits or participates in more than one bid will be disqualified.
14. The Bidder shall bear all costs associated with the preparation and submission of his Bid and the Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

15. The employer reserves the right to vary quantities on same rates upto 100% of the award quantities.

16. Evaluation of Bids:

- a. Prior to the detailed evaluation of bids, the purchaser will determine whether each Bid meets with the require eligibility and qualification requirements;
 - i. has been properly signed;
 - ii. is complete and accompanied by the acceptable bid security;
 - iii. is substantially responsive to the requirements of the Bidding Documents;
 - iv. Provides any clarification and/or substantiation that the purchaser may require.
- b. For purposes of this clause, a substantially responsive bid is one which conforms to all the terms, conditions and specification of the bidding documents without material deviation or reservation. A material deviation or reservation is one:
 - i. which affects in any substantial way the scope, quality or performance of the Works;
 - ii. which limits in any substantial way, inconsistent with Bidding Documents, the Purchaser's rights or the bidder's obligations under the Contract;
 - iii. whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids;
 - iv. which is incomplete or does not include all the Works covered by the Specification.
- c. The Purchaser's determination of a bid's responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence.
- d. If a bid is not substantially responsive, the same shall be rejected by the Purchaser, and may not subsequently be made responsive by correction or withdrawal of non-conforming deviation or reservation. Any bid which is incomplete, obscure or irregular or only for a part of the schedule is liable for rejection.
- e. The Purchaser may waive any minor informality or non-conformity or irregularity in a bid which does not constitute a material deviation, provided such a waiver does not prejudice or affect the relative ranking of any bidder.
- f. The price bids shall be checked by the purchaser for any arithmetic errors in computation and summation. Errors will be corrected by the purchaser as follows:
 - i. Where there is discrepancy between amounts in figures and in words, the amounts in words will govern, and

- ii. Where there is discrepancy between the unit rate and the total amount derived from the multiplication of unit rate and the quantity, the unit rate as quoted will govern unless in the opinion of the Purchaser, there is an obviously gross misplacement of decimal point in the unit rate, in which case, the total of line item as quoted will govern and unit rate will be corrected accordingly.
- iii. In case prices for some items are given by a bidder as lump sum where unit rates are required, the purchaser reserves the right to arrive at unit rate on the basis of dividing the entered lump sum amount by the specified quantity.
- iv. The amount stated in the Proforma of Bid will be adjusted by the Purchaser in accordance with the above procedure for the correction of errors and shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, his bid will be rejected, and the bid security will be forfeited.

17. **Negotiation:** If the Bid of the successful Bidder is seriously unbalanced in relation to the Engineer's estimate of the cost of work to be performed under the contract, the Employer may require the Bidder to negotiate as per detailed price analyses for any or all items of the Bill of Quantities.

18. **Payment Terms:**

- a. Currency shall be INR ₹.
- b. 90% payment shall be made within 30 days after the receipt of material in full and good condition by the consignees and verification of the same from Engineer- In-Charge on submission of Invoice.
- c. 90% payment shall be made within 30 days after the execution of work and certification of the same from Engineer-In Charge HPPTCL, and submission of invoice.
- d. 10% payment shall be released after the completion of Defect Liability Period.

19. **Time Period:**

- a. The work is to be executed within 30 days from the date of issue of order.
- b. The contractor shall be eligible for extension of time period in the contract on occurrence of any event beyond the control of contractor if such event hinders the execution of works.
- c. The Contractor shall be liable to pay Liquidated Damages @ 0.5%/week of the total amount of contract, subject to a maximum of 10% of the contract amount. Liquidated damaged shall be applicable only in case of failure of the contractor to complete the work within time period of contract.

20. Defect Liability Period:

- a. The material supplied and work executed shall be warranted for defects in material and workmanship for a period of 12 months from the date of completion.
 - b. If during defect liability period any defect is found in material supplied and workmanship of work executed, the same shall be promptly remedied by the contract without any cost to the employer.
 - c. The contractor shall not be responsible for any damage to the facilities arising from following causes.
 - i. Improper operation or maintenance of the facilities by the employer.
 - ii. Operation of facilities outside specifications provided in the contract.
21. It should be specifically mentioned in the quotations that the above terms and condition are acceptable. In case nothing is mentioned in this regard, it will be presumed that terms and conditions are acceptable to the bidder.

Encl: Annexure-A: BoQ


**General Manager (Projects),
HPPTCL,
Corporate Office Shimla**

Copy to:

1. DGM (P&A) HPPTCL for displaying on Notice Board.
2. DGM (Plg & IT) HPPTCL for uploading on Website of HPPTCL.
3. The DGM(P) HPPTCL Sarabai Zone HPPTCL.


**General Manager (Projects),
HPPTCL,
Corporate Office Shimla**



H.P. POWER TRANSMISSION CORPORATION LIMITED

ANNEXURE-A

NAME OF WORK: Supply & Installation of Firewalls and Managed Switches for Telemetry Network of 220/33kV Substation at Prini

Bill of Quantities

Sr.No.	Description	UOM	Qty.	Rate (Without GST)	GST Amount (₹)	Total
1	Supply Installation and Configuration of Next Generation Firewall with Following functionalities (for Prini Substation): 1. At least 3 independently configurable network interfaces (FE or better). 2. At least 1 GB DDR4 RAM 3. At least 5 year all feature license included 4. VLAN,LT2TP/IPSEC VPN, QoS, Static Routing, OSPF 5. AC Power Supply 6. At least 1 year Warranty 7. Rack mountable	No.	4			
2	Supply Installation and Configuration of Next Generation Firewall with Following functionalities (For HPSLDC end): 1. At least 5 independently configurable network interfaces (GE or better). 2. At least 4 GB DDR4 RAM 3. At least 5 year all feature license included 4. VLAN,LT2TP/IPSEC VPN, QoS, Static Routing, OSPF 5. IDS/IPS 6. AC Power Supply 7. At least 1 year Warranty 8.Rack mountable	No.	2			
3	Supply Installation and Configuration of Managed Ethernet Fiber L2 Switch with Following functionalities: 1. >2 x SFP ports 2. >6 FE/GE ports 3. VLAN, Port Security, SNMP, RSTP/MSTP, Web/CLI Management mode, QoS 4. Rackmount 5. AC Power Supply	No.	4			
4	AMC for Firewalls for One Year, (yearly renewable to 5 years)	LS	1			
5	100 Base LX SFP Single Mode >1 km	No.	4			
6	Factory Crimped CAT-6 Ethernet Patch Chords (10 m)	No.	10			



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Bill of Quantities

Sr.No.	Description	UOM	Qty.	Rate (Without GST)	GST Amount (₹)	Total
7	Armoured FO Cable Single Mode 6 or More Cores	Mtr.	500			
8	FODP/LIU 6 or more Ports Single Mode Armoured Rack Mountable, LC Type	No.	2			
9	Installation of FO, FODP/LIU, Splicing and Testing	LS	1			
10	Optical Patch Cords LC-LC Type	No.	8			
11	<u>Any other item the bidder proposes to be necessary for execution of works. The bidder shall provide a detailed list of items/equipment proposed to be executed/supplied against this item.</u>	LS	1			
	TOTAL					
	TOTAL In WORDS					

Name of Bidder:

Sign:

Stamp:

Date: