



Quaid e Azam Solar Power (pvt) Ltd

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DETAILED SPECIFICATIONS

Tender for Video Conferencing System

ELIGIBILITY FOR BIDDING

The company fulfilling the following criteria may participate in the bidding process:

- Income Tax registered
- GST registered
- Having NTN

TERMS & CONDITIONS/ INSTRUCTIONS FOR BIDDERS

1. Price must be quoted in Pak Rupees including GST and other applicable taxes.
2. The successful bidder shall give one-year warranty with parts and two years free after sales services for the equipment they offer.
3. Delivery period will be 15 days after issuance of supply order.
4. The successful bidder shall provide after sale service plan also showing their expertise to provide after sale support.
5. An affidavit stating that the Firm has never been blacklisted by any government/ private organization nor has been in litigation with any party shall be attached with the bid.
6. Submission of false statements/ documents including concealing of any information will lead to disqualification of the bidder.
7. The procurement is subject to successful demonstration of all equipment and services offered by the bidder.
8. The Purchase will be made in accordance with PPRA Rules.

TECHNICAL SPECIFICATIONS

The video codec should support 1920x1080 resolution @ 30 frames per second & 1280x720 resolution @ 60 frames per second. The video codec should provide built-in multipoint capability for up-to 3 other connections and the following features:

1. The video conferencing system must have embedded 4-way built in MCU for multipoint call.
2. The video conferencing system shall utilize a minimal consumption of bandwidth of 512 kbps when supporting 720p 30.
3. The video conferencing system must support a minimum of two external HD displays 1280x720 for a crystal-clear picture and data-sharing.
4. The video conferencing system must have automatic noise reduction, automatic gain control and echo cancellation.
5. The video conferencing system shall support a minimum of 10 camera presets.
6. The video conferencing system must support a Full HD PTZ 12x optical zoom camera.
7. The video conferencing system shall support both H.323 and SIP.
8. The video conferencing system must have high-definition audio 22 kHz.
9. The video conferencing system shall support NAT/firewall traversal (H.460/SIP).
10. The video conferencing system must have backup and restore functionality.
11. The video conferencing system shall support Built-in management tool for configuration, backup and restore.
14. The video conferencing system shall support low bandwidths down to a minimum of 64 kbps.
15. The video conferencing system must support Microsoft OCS and Microsoft Lync Server.
16. The video conferencing system must support built-in Microsoft OCS and Microsoft Lync Client.
17. The video conferencing system must support easy, out-of-box setup via web interface.
18. The video codec should support the High profile video standard for minimum utilization of bandwidth.
19. The video codec should support a fast Ethernet interface.
20. The video codec should support secure calling using AEC, including strict compliance.
21. The video codec should be IPv4 and IPv6 ready.
22. The video codec shall provide support for H.323 Annex Q for each participant in a multipoint call.
23. The video codec shall provide support for H.239 from any participant in a multi-way call.

TECHNICAL EVALUATION

The bidder complying with all the 23 items in Technical Specifications will get 70 points in the Technical scoring (Full). Compliance in 15 to 22 items will result in 35 points and compliance in less than 15 items will result in 0 points in Technical score. All bidders who receive 35 points or more in Technical Evaluation will be considered technically qualified/ responsive.

FINANCIAL EVALUATION

Financial proposals of all technically responsive bidders (35 points or more) shall be opened upon invitation and in presence of bidders/ representatives of bidders . Financial bids of Non- responsive technical bidders shall be returned un-opened to the respective bidders.

The total amount of points allocated for the financial component is 30. The maximum number of points (30 points) will be allotted to the lowest Financial Bid that is opened and compared among those invited Firms which obtain the qualifying points in the evaluation of the technical component. All other price Bids will receive points in inverse proportion to the lowest price e.g.

$$\text{Price score} = \frac{\text{Total Price Score i.e. } 30 \times \text{Lowest Bid Price}}{\text{Bid Price of the Bidder}}$$

Example:

1st Lowest Bid Price =	Rs. 1,000/-
2nd Lowest Bid Price =	Rs. 1,050/-
3rd Lowest Bid Price =	Rs. 1,200/-

Price Score of 1st Lowest Bidder=	$(30 * 1,000)/1000 = 30$
Price Score of 2nd Lowest Bidder=	$(30 * 1000)/1050 = 28.57$
Price Score of 3rd Lowest Bidder=	$(30 * 1000)/1200 = 25$

$$\text{Total Score} = \text{Technical score} + \text{Price Score}$$

PAYMENT PLAN

Sr.	Milestone	Payment
1	Complete Installation	90%
2	Completion of One year Warranty service	8%
3	Completion of Two years after sales service	2%