



Quaid-e-Azam Solar Power (Pvt.) Ltd.

INTERNET SERVICES TENDER – DETAILED SPECIFICATIONS AND TECHNICAL & FINANCIAL EVALUATION CRITERIA

ELIGIBILITY FOR BIDDING

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

- Income Tax and PRA Registered
- Office in Bhawalpur for 24/7 support
- Annual revenue of 50 million PKR or more

TECHNICAL EVALUATION

The Technical proposal should explain in the detail the complete end-to-end solution proposed by the Bidder with all equipment to be used and the technologies to be implemented along with a proposed time-line (not more than 4 weeks) and the following specifications sheet (*Table 1*) duly filled. These specifications are in addition to the following mandatory requirements:

1. All planned outages shall be communicated to QA Solar well before the outage for necessary action (at least 2 days prior)
2. The ISP shall provide 24/7 support for the services and resolve any/ all issues that arise in the minimum possible time (shall not exceed 12 hours)
3. Power Back-up equipment shall be installed at both ends of the network for uninterrupted power supply. The maintenance of the same shall be the sole responsibility of the bidder.

SPECIFICATIONS (*Table 1*):

Description	Comply (Yes/No/Partial)	Additional Comments	Points Scored
<p>1. Proposed equipment shall be environmentally fit and suitable for outdoor operation, taking into account relevant climatic factors (e.g. rain, wind, solar heating, heat, cold, humidity).</p> <p>External lightning protection shall be provided to withstand the toughest conditions and protect the outdoor or the indoor unit from sudden power surges induced by lightning strikes</p>			
<p>2. The link should support Video conferencing and PRI (at least 30 voice channels)</p>			



QA Solar

Quaid-e-Azam Solar Power (Pvt.) Ltd.

<p>3. The radio device may use an over the air protocol which is non-proprietary - for example: WiMAX, 802.11a, 802.11b/g, etc. or a proprietary protocol.</p>			
<p>4. All data passed over the wireless access systems shall be suitably protected to prevent interception and decoding. Wireless links will also be suitably protected to prevent unauthorized system access or denial of use attacks.</p>			
<p>5. Radio components which can support multiple modes of operation such as point-to-point PTP or point-to-multipoint PTMP with the flexibility of increasing bandwidth or functionality by software upgrade would be advantageous</p> <p>Bandwidth must be scalable via license without investment in new hardware.</p>			
<p>6. The specified network shall be of a closed nature.</p> <p>It should be entirely possible to connect to the network remotely. This can be performed by entrusted personnel having secure access using a third party secure solution for remote access. VPN tunneling and use of authentication servers can be used to offer high levels of security. <i>The network components must support remote access for management configuration and upgrading.</i></p>			
<p>7. Radio equipment proposed shall support "in service" firmware upgrades, which can be performed remotely.</p> <p>This may be achieved via IP, FTP TFTP WEB interface etc. There should be no requirement to visit site to perform this operation. All firmware upgrades of the</p>			



Quaid-e-Azam Solar Power (Pvt.) Ltd.

<p>equipment provided shall be the responsibility of the ISP.</p> <p>At a convenient point, and an agreed outage, the equipment can be rebooted to make the new firmware active.</p>			
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--

Each point in the Specifications table above scores TEN (10) points for YES, FIVE (5) points for PARTIAL and ZERO (0) points for NO.

Maximum points that can be scored for the technical part of the bid are 70.

All firms/ companies/ organizations scoring 65% of 70 points in the abovementioned criteria shall be termed as technically responsive.

FINANCIAL EVALUATION:

Financial proposals of all technically responsive bidders 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 =	$(30 * 1000)/1200 = 25$

Total Score= Technical score + Price Score

PAYMENT PLAN

Sr.	Milestone	Payment
1	Complete Installation	100%



Quaid-e-Azam Solar Power (Pvt.) Ltd.

INSTRUCTIONS TO BIDDERS

- *Travelling/ lodging and any other costs incurred by the Bidder are not reimbursable and the sole responsibility of the bidder*
- *The bidders are notified that QA Solar Project Site is located in the Cholistan Desert, Bahawalpur. The site coordinates can be downloaded from the website (www.qasolar.com) DOWNLOADS Section*
- *The quoted rates shall be valid up to 6 months from the date of opening tender*
- *PPRA Rules shall be followed in Selection/ Rejection of Bidder*
- *Rates quoted should be in Pak. Rupees inclusive of all applicable taxes*
- *The successful bidder will be bound to initiate the services within 7 days after issuance of work order.*
- *Late receiving bids after due time will be rejected and returned to the bidders unopened*
- *Not alteration or amendment will be allowed in any case at the time of bid opening*
- *QA Solar will not be responsible for any cost or expenses incurred by bidders in connection with preparation or delivery of bids.*
- *All prices must be quoted in Pak Rupees and should include any Taxes applicable, such as GST, Income Tax, etc. If not specifically mentioned in the Quotation, it will be presumed that the prices include all the taxes. Any subsequent change in tax regime would be adjusted accordingly.*