

**GSR – DATA CENTRE UPS & POWER SURGE PROTECTION**

AFIC urgently requires UPS batteries and allied power surge protection equipment for its Data Centre, along with software based integration of UPS and surge equipment to a central monitoring system . The system shall be deployed by successful company on turnkey basis. The detailed specifications and terms and conditions are as follows: -

**Both soft copies as well as hard copies of specified documents are required.**

Submit all documents in soft copy to : [gso2it@afic.gov.pk](mailto:gso2it@afic.gov.pk)

Submit all documents in hard copy also to the address: IT Department, main AFIC building, AFIC, Rawalpindi.

Last date of Bid submission: 15 Mar 26

Ser	Eqpt	Qty	Specifications	Remarks
1.	Dry Batteries for UPS	256	Voltage specs: 12V	
			Capacity: 4.5 to 5 Ah	
			Cycle use: 14.4 to 15.0 V	
			Standby use: 13.5 to 13.8 V	
			Initial current: less than 1.5 A	
			Seal and leak proof	
			Recyclable Pb shown	
			The batteries should be original (no copies will be accepted)	
			All batteries to be offered with one year free replacement warranty in case of malfunction.	
2.	Data Centre Surge Protection Devices	4	Usage: Surge Protection of 4 x UPS s (10 KVA each)	
			Type of SPD: type 2 or type 3	
			SPD required protection rating: 20kA to 40 KA	
			1 x SPD unit to be installed at the input of each UPS	
			Din rail panel mountable	
			SNMP enabled with SNMP v1/v2 capability for being integrated with central monitoring software	
			The SPD shall provide protection in the following modes:	
<ul style="list-style-type: none"> <li>• Line to Neutral (L-N)</li> <li>• Line to Earth (L-PE)</li> <li>• Neutral to Earth (N-PE)</li> </ul>				
			Local brands not acceptable	
3.	AVR	1	Type: Static/ solid state	

			Capacity: 40kVA to 60 kVA	
			SNMP enabled for software integration with central monitoring system	
			Local brands not acceptable	
			All allied equipment required to install and commission the AVR, such as electrical cables, distribution boxes, junction boxes, industrial couplers and any other required item will form part of the project and shall be included by the vendor firms accordingly.	
			Cooling: forced air cooling	
			Response time: < or equal to 10 ms	
			Protection: overvoltage, under voltage, overload, short-circuit.	



4.	Services of integration of Power equipment with Central Monitoring software - DCIM	1	Services for integrating the above required power equipment with central monitoring software	
			All SNMP enable devices to be integrated with the central software	
			Relevant software to be provided by the vendor firm	
			The project to be carried out on turnkey basis by the vendor who will supply the relevant power equipment above.	

<b><u>Warranty &amp; Support Services</u></b>	> 1 x year replacement warranty of equipment and Support Services to include: - <ul style="list-style-type: none"> <li>• Replacement of any faulty equipment</li> <li>• Service level response time</li> <li>• Preventive Maintenance</li> <li>• Online Support</li> <li>• Hardware Backup</li> </ul>
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	<ul style="list-style-type: none"> <li>• Number of visits</li> </ul>
<p><b><u>Acceptance Criteria</u></b></p>	<ul style="list-style-type: none"> <li>• The successful bidder will be responsible for installation, end to end configuration and integration of the eqpt. <b>All supporting equipment will form part of the project and will be provided by the vendor. Vendors to specify in clear what all extra/ allied equipment is being offered by them within the project.</b></li> <li>• The bidder shall compulsorily provide a compliance sheet mentioning full compliance/ partial compliance/ non-compliance against every feature mentioned in GSR. (format attached as Anx-C)</li> <li>• The bidding firms can request for conducting a survey of the facility before finalizing the equipment/ design.</li> </ul>
<p><b><u>Quotation Submission Requirements</u></b></p>	<ul style="list-style-type: none"> <li>• All bidders are required to compulsorily submit supporting documents with their bids (list attached as Anx-A). Any document missing will render the bidder unqualified.</li> <li>• The bidding firms will be subjected to technical scrutiny of the equipment, design offered. Firms qualifying technically will be subjected to financial shortlisting basing on the financial bids submitted.</li> </ul>

**List of Supporting Documents**

Ser	Supporting Document
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1.	Equipment offered along with price as per format given at Anx-B
2.	Compliance sheet as per Anx-C

Anx-B

**Equipment Offered With Price**

Ser	Equipment/ Services	Specifications	Price
1.			
2.			
3.	Total price		

Anx-C

**Compliance Sheet Format**

Ser	Eqpt	Qty	Specifications	Complaint/ partially complaint/ Non complaint
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