

BIDDING DOCUMENTS



“PROCUREMENT OF UPS”

(IT-02/2022-23)

Quaid-e-Azam Thermal Power (Pvt.) Limited
1st Floor, 7/C-1, Gulberg-III, Lahore
Phone No.: 042-35750936-8 Fax No.: 042-3570939



QUAID-E-AZAM THERMAL POWER (PVT.) LTD.

First Floor, 7-C-1, Gulberg III, Lahore.

TENDER DOCUMENTS FOR PROCUREMENT OF “PROCUREMENT OF UPS” (IT-02/2022-23) FOR QUAID-E-AZAM THERMAL POWER (PRIVATE) LIMITED (QATPL)

INSTRUCTIONS TO BIDDERS

1. Quaid-e-Azam Thermal Power (Pvt.) Limited (“QATPL”) hereby invites sealed bids from eligible bidders for supplies at its head office in Lahore as detailed below:

Lot #	Description of Item	Quantity	Estimated Cost in PKR
1	UPS 10 KVA (Standard Backup)	01	792,650
2	UPS 10 KVA (Extended Backup with 42u rack)	01	1,490,400

2. Bidders who are active taxpayers and have NTN & GST certificates shall be eligible to participate in this bidding process. As a proof of being an active taxpayer, copy of Active Taxpayer List (ATL) showing name and details of the bidder must also be furnished.
3. Each bidder shall submit bid security in the form of a Bank Draft / Call Deposit Receipt (CDR) in favor of “Quaid-e-Azam Thermal Power (Pvt.) Limited” against each lot/item as per the following:

Lot #	Description of Item	Amount of Bid Security in PKR (Within 5% of estimated cost)
1	UPS 10 KVA (Standard Backup)	16,000/-
2	UPS 10 KVA (Extended Backup with 42u rack)	30,000/-

4. The bid security shall be returned to the successful bidder after delivery against the lot (s) has been made in accordance with the terms of this bidding document and/or Purchase Order.
5. Only those Bidders can participate who are working as authorized distributors, reseller or dealers of manufactures for the items prescribed and Bidders must attach relevant documentary proofs in this of regard, otherwise, bids will not be entertained.
6. An affidavit on a non-judicial stamp paper of Rs. 100 value duly attested by the Oath Commissioner that the Bidder has never been blacklisted by any Government Department, PPRA, FBR or any other organization, shall also be submitted with the Bid.
7. The procurement procedure for each Lot shall be **Single Stage Two Envelope** as per Rule 38(2)(a) of the Punjab Procurement Rules 2014 (PPRA Rules, 2014). A bidder may bid for any or all of the Lots/Items. The Technical Proposal envelop of a bidder who is submitting Bid for two or more Lots may include one complete set of all documents required for technical evaluation of the Bid(s) he is competing for, however, each bidder must provide separate Financial Proposal for each Lot in a separate envelop(s). Envelops are required to be clearly marked accordingly by mentioning the relevant details regarding each Lot along with the name of the bidder.



QUAID-E-AZAM THERMAL POWER (PVT.) LTD.

First Floor, 7-C-1, Gulberg III, Lahore.

8. The bidders must provide all documents/information required under the Bidding Documents including documents mentioned in the Check List given with the Bidding Documents. The Bid Security must be placed in the envelop for Technical Proposal.
9. The Bidder should have a registered office in Lahore at the date of submission. Sufficient local and relevant resources must also be available in the said office to cater for all the after-sales support and services.
10. The Successful Bidders shall supply the Items/Lots as per the Specifications attached with these TORs within provided timeframe.
11. No downward deviation from the required specifications of items/lots will be acceptable and the company can reject the Items/Lots found deviated downward from the Specification prescribed herein.
12. Rates quoted in Bids must be valid for at least 90 days from the date of submission of Bid.
13. Bids shall be submitted in Pak Rupees only.
14. Bids quoted and submitted shall be inclusive of all applicable taxes and levies.
15. All Bids received late, found incomplete, unsigned, ambiguous, conditional or over-written will not be accepted and shall be rejected without evaluation.
16. Bids shall be evaluated Lot-wise and the Financial Bid of bidder(s) whose Bid(s) is found technically responsive shall be opened as per the PPRA Rules, 2014. The tender for each Lot shall be awarded to technically responsive bidder(s) who has submitted lowest financial bid for the relevant Lot.
17. The scope of this procurement process shall include the supply of the Lots/items, configuration and installation as specified in Schedule-A.
18. The Lots/items shall be required to be provided at the office of QATPL on immediate basis after the award of Purchase Order without any extra cost including transportation, installation etc. In case of non-delivery of lot/items and / or delivery not as per specifications given herein within 90 days after award of Purchase Order, the Bidder shall be entitled to forfeit the bid security and cancel the Purchase Order via written notice of cancellation.
19. The successful Bidder will be responsible to supply of the Lots/items, configuration and installation and complete in all respect as per specifications approved by the Competent Authority.
20. The Company / Competent Authority can accept or reject the Bids without assigning any reason at any stage as per PPRA Rules, 2014.
21. Successful Bidder shall submit valid warranty cards for each item supplied to the Company. Warranty shall be locally claimable by the Company. Warranty must be as per the specifications of items provided and must be verifiable from the manufacturer's resources.
22. QATPL's representative will inspect the Lots/items within one week of supply. Any discrepancies found during inspection must be removed within 03 working days by the Bidder / supplier.
23. Payments shall be made after the clearance by QATPL's representative.



QUAID-E-AZAM THERMAL POWER (PVT.) LTD.

First Floor, 7-C-1, Gulberg III, Lahore.

24. Taxes will be deducted as per applicable Government Rules / Policy.
25. At the time of payment against Invoice, 10% payment shall be withheld as Performance Guarantee for Warranty Period and will be returned after lapse of warranty period.
26. Successful Bidder will be allowed a maximum of 24-hour downtime for all components in warranty claim including replacement of whole unit.



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First Floor, 7-C-1, Gulberg III, Lahore.

SCHEDULE - A SPECIFICATIONS OF UPS

LOT # 1

UPS 10 KVA (Standard Backup)

QTY 01 PC

Estimated Price: 792,650/-

Specifications:

10Kva Ups with Built-in Batteries

- Technology: Online double conversion
- UPS Rating: 10KVA
- Input Phase: Three and Single Phase (Both) Phases at input
- Output Phase: Single Phase at Output
- Power Factor: 0.8
- The UPS should have Manual bypass for maintenance as standard.
- VRLA Dry Cell Built-in Batteries
 - Backup time at 50% load = 15 min or above
- Leakage current to earth [mA]: < 8mA
- Humidity: < 95% without condensation
- Flexible with inputs (3:1 and 1:1) on the 10KVA.
- The UPS must have
 - USB communication port
 - Input switch
 - RS232 communication port and contacts
 - Cover for terminals
 - Slot for optional communication card
 - Fuse
 - Cooling fan(s)
 - Terminals for I/O cable connection
 - Output switch
 - Earthing screws
 - Manual bypass for maintenance
 - Tie wrap hold-down
- Efficiency: 93% in Online mode, 97% in ECO mode

- The LCD must have the following Interface:

Icon name	Description
Measurements	Display values, eg: voltage, frequency, load percentage, etc.
DC Voltage	Battery voltage
Percentage	The percentage, eg: Load percentage and battery capacity percentage
Output	It indicates information for output.
Input	It indicates information for input.
Load	It indicates information for load.
Battery	It indicates information for battery.
Load level	It indicates the load level. Load border will flash if the load is overload.
Battery level	It indicates the battery capacity. Battery border will flash if the battery is low.
Warning/Fault	It indicates warnings or UPS Fault. If it is a warning, the icon will flash; if it is a fault, the icon will be lighted constantly.

- Overload capacity:
 - 105%-110% : 5min,
 - 110%-130% : 1min,
 - 130%-150% : 10s,
 - >150% : 100ms
- Protection devices: Batteries deep discharge - overcurrent - short circuit - overvoltage - under voltage - circuit breaker
- Noise level: <55dB @ typical load
- Safety:
 - IEC 62040-1:2008
 - IEC 60950-1:2005
- EMC
 - Conducted Emission: IEC 62040-2. Category C3
 - Radiated Emission: IEC 62040-2. Category C3
 - ESD:IEC 61000-4-2. Contact: Level 2, Air discharge: Level 3
 - RS:IEC 61000-4-3. Level 3
 - EFT:IEC/EN 61000-4-4. Level 4
 - Surge:IEC/EN 61000-4-5. Level 4
 - CS:IEC/EN 61000-4-6. Level 3
 - MS:IEC/EN 61000-4-8. Level 3
 - Voltage Dips, short interruptions and voltage variations: IEC/EN 61000-4-11
- Approvals: CE, CB report (TUV) / EAC

LOT # 2

UPS 10 KVA (Extended Backup with 42u rack)

QTY 01 PC

Estimated Price: 1,490,400/-

Specifications:

10Kva Ups With 2 Hours Backup

- Technology: Online double conversion
- UPS Rating: 10KVA
- Input Phase: Three and Single Phase (Both) Phases at input
- Output Phase: Single Phase at Output
- Power Factor: 0.8
- The UPS should have Manual bypass for maintenance as standard.
- VRLA Dry Cell Batteries enclosed in rack
 - Backup time at 3.6KW load = 2 Hours or above
- Rack
 - Closed Rack with containing space of 3 Servers, 1 UPS of 10KVA and Batteries
- Leakage current to earth [mA]: < 8mA
- Humidity: < 95% without condensation
- Flexible with inputs (3:1 and 1:1) on the 10KVA.
- The UPS must have
 - USB communication port
 - Input switch
 - RS232 communication port and contacts
 - Cover for terminals
 - Slot for optional communication card
 - Fuse
 - Cooling fan(s)
 - Terminals for I/O cable connection
 - Output switch
 - Earthing screws
 - Manual bypass for maintenance
 - Tie wrap hold-down

- Efficiency: 93% in Online mode, 97% in ECO mode
- The LCD must have the following Interface:

Icon name	Description
Measurements	Display values, eg: voltage, frequency, load percentage, etc.
DC Voltage	Battery voltage
Percentage	The percentage, eg: Load percentage and battery capacity percentage
Output	It indicates information for output.
Input	It indicates information for input.
Load	It indicates information for load.
Battery	It indicates information for battery.
Load level	It indicates the load level. Load border will flash if the load is overload.
Battery level	It indicates the battery capacity. Battery border will flash if the battery is low.
Warning/Fault	It indicates warnings or UPS Fault. If it is a warning, the icon will flash; if it is a fault, the icon will be lighted constantly.

- Overload capacity:
 - 105%-110% : 5min,
 - 110%-130% : 1min,
 - 130%-150% : 10s,
 - >150% : 100ms
- Protection devices: Batteries deep discharge - overcurrent - short circuit - overvoltage - under voltage - circuit breaker
- Noise level: <55dB @ typical load
- Safety:
 - IEC 62040-1:2008
 - IEC 60950-1:2005 (Modified)
- EMC
 - Conducted Emission: IEC 62040-2. Category C3
 - Radiated Emission: IEC 62040-2. Category C3
 - ESD:IEC 61000-4-2. Contact: Level 2, Air discharge: Level 3
 - RS:IEC 61000-4-3. Level 3
 - EFT:IEC/EN 61000-4-4. Level 4
 - Surge:IEC/EN 61000-4-5. Level 4
 - CS:IEC/EN 61000-4-6. Level 3
 - MS:IEC/EN 61000-4-8. Level 3
 - Voltage Dips, short interruptions and voltage variations: IEC/EN 61000-4-11
- Approvals: CE, CB report (TUV) / EAC



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TECNICAL PROPOSAL

Specifications Required (by the procuring agency)			Specifications Offered (by the Bidder)		
Lot #	Stores	Specifications	Lot #	Stores	Specifications
1	UPS 10 KVA (Standard Backup)	Mentioned above at Page # 5 & 6	1	UPS 10 KVA (Standard Backup)	
2	UPS 10 KVA (Extended Backup with 42u rack)	Mentioned above at Page # 7 & 8	2	UPS 10 KVA (Extended Backup with 42u rack)	

It is certified that the stores to be supplied shall be in conformity with the above-mentioned specifications.

Signature:

Name:

Firm:

Stamp:



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CHECK LIST

- | | |
|--|-----|
| 1. NIC Card (Copy) | Y/N |
| 2. Receipt of purchase of bidding document | Y/N |
| 3. Bid Security as per Bid/ CDR/Bank Draft (Original and photocopy)
(placed inside envelope for Technical Proposal) | Y/N |
| 4. Blacklist certificate on a stamp paper duly attested by the Oath Commissioner | Y/N |
| 5. Income Tax Certificate | Y/N |
| 6. Sales Tax Certificate | Y/N |
| 7. Manufacture/Supplier/Reseller/Importers/Exporters certificate in favor of the Bidder | Y/N |
| 8. Bidding Documents attested by the authorized representative of the Firm /Bid | Y/N |
| 9. Application/Technical & Financial Bid on the Letter Pad with Address, Contact No. etc | Y/N |
| 10. Authorization of personal on behalf of the bidding Co. /Firm | Y/N |

Signature:

Firm:

(Stamp):

Address:

Witness:
Name:

Signature:

Address:



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FINANCIAL PROPOSAL FOR LOT # 1

Name of Firm:

Address:

GST. #

Income Tax #

Name of Firm Owner/ Representative:

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Description of Item	Quantity	Unit Price without GST PKR	GST PKR	Unit Price including GST etc. PKR
UPS 10 KVA (Standard Backup)	01 Nos.			

Note:

Financial Proposal will be submitted for each lot/item in separate envelope because the Financial Proposal will be returned un-opened for the lots/items for which the bidder doesn't qualify in technical proposal evaluation.

Signature:

Name:

Stamp:

Date:



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FINANCIAL PROPOSAL FOR LOT # 2

Name of Firm:

Address:

GST. #

Income Tax #

Name of Firm Owner/ Representative:

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Description of Item	Quantity	Unit Price without GST PKR	GST PKR	Unit Price including GST etc. PKR
UPS 10 KVA (Extended Backup with 42u rack)	01 Nos.			

Note:

Financial Proposal will be submitted for each lot/item in separate envelope because the Financial Proposal will be returned un-opened for the lots/items for which the bidder doesn't qualify in technical proposal evaluation.

Signature:

Name:

Stamp:

Date: