

Dated: 01-11-2022

PR # UPS/321/ICT/2022

M/s

Kindly send your sealed Envelope on "Single Stage Single Envelope basis, quotation must be drop in the tender box marked "Commercial Purchases" placed in the main entrance of P & L Building, Karachi for the following item(s) latest by at 1030 which will be opened at 1100 hrs. Envelope containing tender, must mention PIA Ref No. and Date of Opening. **DT: 28-11-2022** PIA will not be responsible for any postal delay.

S #	Qty	DESCRIPTION	U.Rate	GST	Total
01	1	Online UPS (Minimum 3000VA) with batteries With Complete Installation			
02	1	Online UPS (Minimum 2000VA) with batteries With Complete Installation			
03	1	Online UPS (Minimum 1000VA) with batteries With Complete Installation			

ONLY Authorized distributor / Partners of OEM or Authorized Reseller of Distributor.

General Specification for Online UPS
Features:

- Intelligent Microprocessor Controlled True On-Line
- Providing no break protection for critical applications.
- Double Conversion and Pure Sine Wave Form Output.
- The Cleanest, Most Compatible AC Output for Computer Systems.
- 50 kHz High-Frequency Operation
- Compact Size, Lighter Weight for decrease shipping Cost.
- Near Unity Input Power Factor (>0.95)
- Saving Input Current by 1/3
- Superior Output Voltage Regulation.
- Eliminating unnecessary battery discharges
- For Violent Voltage Fluctuations.
- High Efficiency (>85%)
- High Energy Efficiency Reducing Power Cost
- LH Long Back-up Time Option
- Plug-in external battery packs and internal charges.
- RS 232 Interface and SNMP Solutions.
- Available for most operating systems and novel environments.

Cold Start → YES, default frequency=50Hz or settable
 Acceptable Input Voltage 10VAC-288VAC
 Phase Single phase in, single phase out
 Transfer Voltage Range (200VAC/208VAC/220VAC/230VAC/240VAC)
 Input Power Factor ≥0.97
 Input Frequency Range 40-70Hz OUTPUT
 Power(kW) max 1.0 (0.8 for 200VAC/208VAC) 1.8-2. (1.6 for 200VAC/208VAC)
 Output Voltage 220VAC - 230VAC
 Battery bank 36VDC
 Back-up Time 60 mins @80% load External batteries if required 60 mins @80% load External
INDICATOR & ALARM
 Display LED+LCD
 Alarm Yes
 Fault Continuous beeping
INTERFACE
 Smart RS232 Standard Cable support & Power Monitor Software
 SNMP(option) Power Management from SNMP Manager
OPTION
 Output sockets three pin standard British or German
 USB B-type USB port
 SNMP Kits pluggable type

Brand → Powerage or ADPor equivalent
01 years warranty

Tender Terms & Conditions: →

- A. All participants are required to affirm that:
- They have quoted the rates *inclusive of all GOVT Taxes*; but; *GST Separately*.
 - Required / tendered quantity may increase or decrease by 15%.
 - SCM Department (PIA) will not be held responsible for any postal delay.
 - **Validity of Quote:** Quote must be valid for **120 Days** countable from date of opening of Technical Bid.
 - **Registration of Firm:** Participated must be registered with FBR (active Tax Payer in GST) as *Importer, Distributor, Whole Seller, Stockiest, General Order Supplier*
 - **Delivery:** Delivery must be made as per Schedule given in Purchase Order.
 - **Rejection:** Item found below PIA standard shall be rejected / returned at the cost to the vendor.
 - **Guarantee / Warranty:** Guarantee & Warrantee must be provided. (if Applicable)
 - **Payment Terms:** Payment terms **NTD** (Net Thirty Days). Advance Payment shall not be made for Commercial items. Hence payment term will be NTD after submission of invoices.
 - **Deduction of Tax:** Income Tax will be deducted at source.
- B. **Declaration by Bidder:** We/ I hereby affirm that all terms and conditions of the said tender are read and understood and we / I expressly confirm and agreed that our bid is in consonant to the terms and conditions of the tenders.

Yours truly,
 For Pakistan International Airline

Manager Purchases Commercial

Authorized Signature of
 Supplier with seal and Designation: _____