

101/PAE/APS

Nov 2022

**INVITATION OF BIDS FOR “PROCUREMENT OF POWER BACKUP SYSTEM
FOR PA EQUIPMENT FOR ARMY PUBLIC SCHOOL, JALANDHAR CANTT**

Tender Enquiry (TE) No : 101/PAE/APS dated __ Nov 2022.

1. The offline bids under Advertised Tender Enquiry are invited by the Chairman, Army Public School, Jalandhar Cantt for supply of items listed in Part II. The tender reference number is 101/PAE/APS can be viewed at www.apsjalandhar.cantt.com under “News & Event” Head.

2. The address and contact number for sending physical documents or seeking clarification are given below :-

- | | | |
|-----|---|--|
| (a) | Bids/queries to be addressed to | Chairman
Army Public School |
| (b) | Postal address for sending the bids | Principal
Army Public School
Jalandhar Cantt |
| (c) | Tele No of the contact personnel | 0181-2630776 |
| (d) | Details of Contract Officer for Technical Queries | |

Army Public School
Jalandhar Cantt
Tele No - 01812330776

3. This tender is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any state. Buyer also reserves the right to withdraw the tender, should it become necessary at any stage.

(Presiding Officer)

PART I - GENERAL INFORMATION

1. **Manner of Depositing the Bids** Quotations alongwith photocopy of supporting document (self attested) shall be submitted physically in the sealed tender box prior to last date for submission of quotation in sealed envelope duly marked with Tender ID alongwith a covering letter under company letter head.
2. The following documents will also be submitted alongwith quotations :-
 - (a) Registration certificate of the firm.
 - (b) Vintage of product.
 - (c) Dealership certificate.
 - (d) ISO compliance of OEM and the Bidding Firm.
 - (e) Technical brochure of equipment / software being offered giving complete technical specification.
 - (f) Certificate of firm's registration for VAT, sale tax, service tax, excise and TIN.
 - (g) PAN No (Enclosed copy of PAN card duly stamped).
 - (h) Vendor to quote only one make / model for each item.
 - (i) Technical specification compliance chart.
 - (j) Additional charges / discounts.
3. **Time and date for opening of quotations.** **21 Nov 2022 at 1300 hrs.** (If due to any exigency, the due date for opening of the Bids is declared a closed holiday, the quotations will be opened on the next working day at the same time or on any other day / time, as intimated by the Buyer).
4. **Location of Quotations box.** The quotation box will be kept at entrance gate of Senior Wing, Army Public School, Jalandhar Cantt. No commercial repeat no commercial bid will be dropped in the Quotation box. Following guidelines may be followed while submitting the quotations :-
 - (a) Only those document specified in the tender document and are found in the tender box will be opened.
 - (b) Bids dropped in the wrong quotation box will be rendered invalid.
 - (c) No post bid clarification on the initiative of the bidder will be entertained.
5. **Opening of the quotations** The physical verification of tender document will be done at Army Public School, Jalandhar Cantt. The bidders may depute their representatives, duly authorized in writing to attend the opening on the due date and time.
6. **Validity of Bids.** The bids should remain valid for a period of **06 months** from the last date of submission of the bids.

PART II – ESSENTIAL DETAILS OF ITEMS / SERVICES REQUIRED

1. **Schedule of Requirements.** List of items / services required as as follows :-

Ser No	Name of Items	A/U	Qty
(a)	Microtek Online 10 KVA UPS Model Number (192V iMAXX Series) alongwith Exide Power Safe SMF 12 Volts, 65 AHC Batteries (Qty-16)	Nos	01
(b)	Servo Voltage Stabilizer Capacity :8KVA Model Customised	Nos	01

2. **Technical Details.**

- (a) **Specifications/drawings, as applicable.** Yes.
- (b) **Technical details with technical parameters.** Technical specification of items as mentioned above.
- (c) **Requirement of training/on-job training.** Two capsules for 2 days each on configuration and installation of equipment's.
- (d) **Requirement of delivery of items.** Requirement of Power Backup System at locations as specified by Army Public School to the vendor will be completed within One weekdays from the date of signing of contract agreement.
- (e) **Requirement of Technical documentation.** Technical literature and Manuals of all the equipments being procured is required to be provided by the vendor.

(f) **Requirement of pre-site/equipment inspection.**

(i) 100% stores will be subject to physical inspection by a Board of Offrs detailed by the purchaser to ascertain that they conform to the samples / specifications as laid down in the Contract. Authorised representative of the firms will be present during inspection. In case the stores are not found to be conforming to the laid down samples / specifications, the authorized representative of the firm will be intimated by the checking Board of officer in situ. The defective stores will be removed and replaced by the stores of the correct specifications by the supplier at his own expense within a period of 05 days of inspection. In case of any dispute, decision of the purchaser will be final and binding.

(ii) The firm would be required to provide the standard Acceptance Test Procedure (ATP), which the Board of Officers would have the right to modify.

3. **Delivery Period**

(a) Delivery of stores within Seven days of signing of the contract agreement.

(b) Commissioning and Acceptance Testing within Seven days from the date of signing contract agreement.

(c) Please note that contract can be cancelled unilaterally by the Buyer in case items are not received with the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the Buyer, with applicability of LD clause.

4. **INCOTERMS for Deliver and Transportation**

(a) The vendor shall be responsible for the safe delivery of the stores at the consignee's end and transit damage if any shall be promptly attend by him.

(b) Free delivery at consignee's place.

5. Consignee details
The Principal
Army Public School
Jalandhar Cantt

6. **Paying Authority.** On receipt of bill in duplicate payment will be made through cheque.

7. **Warranty.** Seller will provide free on site comprehensive warranty for all items and connectors etc from the date of ATP on completion of project. Items supplied under the contract shall be provided free from all types of defects/failures.

8. If within the period of warranty, the goods are reported by the Buyer to have failed to perform as per the specifications, the seller shall either replace or rectify the same free of charge, with a maximum period of Ten days of notification of such defect received by the seller, provided that the goods are used and maintained by the buyer as per instructions contained in the operating manual.

9. **Evaluation Criteria.** The Lowest Bid will be decided upon the lowest price of the items quoted by the particular Bidder as per the Price Format.

**TECHNICAL BID : FOR "PROCUREMENT OF PA EQUIPMENT
FOR ARMY PUBLIC SCHOOL, JALANDHAR CANTT**

The Chairman
Army Public School
Jalandhar Cantt

Dear Sir,

1. Ref your letter No _____ dated _____ 2022.
2. We hereby submit our technical bid in response to your above quoted letter.

Ser No	Nomenclature	Specification of item offered	Compliance to RFP specification – whether Yes/No	In case of noncompliance deviation from RFP to be specified in Unambiguous terms
(a)	Microtek Online 10 KVA UPS Model Number (192V iMAXX Series) alongwith Exide Power Safe SMF 12 Volts, 65 AHC Batteries (Qty-16)			
(b)	Servo Voltage Stabilizer Capacity :8KVA Model Customised			

Notes :-

1. Comments must be offered on each QR mentioned above. No QR should be left blank.
2. The above points are not exhaustive. The project includes "Procurement of Power Backup System" for Army Public School, Jalandhar Cantt" and the integration of the complete system. Any item of work/equipment not specifically mentioned, but considered essential for completion of the work in all respect shall be deemed to be included in the scope of the work of the successful vendor.
3. Technical literature must be included to support the technical compliance.
4. Terms and conditions as mentioned in tender enquiry letter referred to above have been carefully read by me/us and are accepted by the company and we will abide by them.
5. All certificates be duly stamped, sealed and signed, name and designation of signatories to be mentioned.

Place :

Company Seal

Date :

(Authorised Signatory of Company)

PROPOSED OF UPS POWER BACKUP SYSTEM
FOR MP HALL AT APS JALANDHAR CANTT

Ser No	Nomenclature	A/U	Qty	Remarks
(a)	Microtek Online 10 KVA UPS Model Number (192V iMAXX Series) alongwith Exide Power Safe SMF 12 Volts, 65 AHC Batteries (Qty-16)	Nos	01	
(b)	Servo Voltage Stabilizer Capacity :8KVA Model Customized	Nos	01	

MICROTEK ONLINE 10 KVA UPS MODEL NUMBER 192V IMAXX SERIES

Specification:-

- (a) Rating in KVA (KVA) - 10 KVA/ 8 KW
- (b) Technology - IGBT-PWM with inbuilt isolation transformer
- (c) Input Power - Single phase 160V-260V sinewave, 50Hz
- (d) Output Power - Singly phase 230V+/- 1% sinewave, 50 Hz
- (e) DC Voltage System - Default : 192 VDC
Adjustable : 216 VDC
- (f) Battery Charging AMP - 2/4/8 AMP (Default : 8 AMP)
- (g) Indication - LCD Display : Load Leval, Battery Leval, AC Mode, Battery Mode, Bypass Mode & Fault Indicators.
- (h) Alarm - Battery Mode : Sounding every 4 sec
Low Battery : Sounding every second
Over load : Sounding twice every sound,
Fault : Continuously Sounding
- (i) Protection for under Voltage at battery terminal At 10.5V per 12V battery. - Yes
- (j) 20% Overload limit for Minimum 10 minutes - Yes
- (k) Warranty - 3 Yrs
- (l) Backup Time in (Minutes) - 60

EXIDE POWERSAFE SMF 12V, 65AHC BATTERY

Specification :-

- (a) Battery Warranty - 2 Yrs Full Replacement warranty
- (b) Technology - SMF (Seal Maintenance Free) or VRLA
- (c) Bty Rack (Iron) - Required with adequate size

SERVO VOLTAGE STABILIZER CAPACITY : 8 KVA

Specification:-

- (a) KVA Rating (KVA) - No of Phase : Single, Rated KVA : 8
- (b) Warranty (Years) - 2
- (c) Number of phase on output - Single Phase
- (d) Input voltage range - 140 - 280
- (e) Output voltage range - 200 -240
- (f) Type of cooling - Air cooled
- (g) Transformer (S) winding material - Copper
- (h) Efficiency at rated output - $\geq 95\%$
- (j) Power factor - ≥ 0.95
- (k) No load loss at minimum Rated input (Watt), and maximum rated input voltage (Watt) shall Conform to IS:9815 latest. - Yes
- (i) Full load loss at Minimum Rated input and at maximum rated input voltage (Watt) shall conform to Is : 9815 latest) - Yes