

PAKISTAN AERONAUTICAL COMPLEX, KAMRA  
**AVIONICS PRODUCTION FACTORY**  
DTE OF LOG (S&A)

**OPEN TENDER NOTICE**

**TERMS AND CONDITION OF THE TENDERS**

1. Avionics Production Factory PAC Kamra intends to procure **UPS 20 KVA 3 Phase** for Dte of FAR through contract on "FOR" Kamra basis in Local Currency.
2. Sealed tenders are invited from sales tax registered firms for procurement of the said stores / items.
3. **Delivery of Tender**
  - (a) **Technical Offer:** It should be without prices and contain all relevant essential literatures / brochures. Tender number and date of opening should be clearly marked on the face of envelope of technical offer. The offer must be accompanied with following documents.
    - (i) **Challan form No. F-32A of Rs 200.00, obtained from SBP / Govt Treasury under "Departmental Receipt Major Head 1221000, CMA (ISOs) Rawalpindi" on behalf of Managing Director APF PAC Kamra.**
    - (ii) **5% Earnest Money in the shape of Bank Draft (Compulsory for all bidders).**
  - (b) **Commercial Offer:** It should indicate prices of quoted items and confirmation to the terms and condition of our tender inquiry. The words "Commercial offer with prices" be marked on its envelope.

Both the envelopes of **Technical and Commercial** offers should be enclosed in one cover properly sealed and bear the following address of this office with tender number and opening date.

**Managing Director,**  
Avionics Production Factory,  
Pakistan Aeronautical Complex,  
Kamra –Distt. Attock

4. **Pattern of Quoted Prices**

The quoted prices are to be inclusive of all taxes levied by the Government and these should be in accordance with the current local market / international prices. However, GST must be mentioned separately otherwise it will be considered as included in the quoted price.

5. **Validity of offer**

The quotation must be valid for 90 days.

6. **Opening of Tender**

The quotations must be in original and are to reach at this factory as early as possible, but not later than **18 January, 2021 at 1130 hrs.** All quotations are to be dropped in the tender box placed at the Factory Guard Room. No quotation will be accepted in photocopy, through fax and after due date and time. Technical offers will be opened on **18 January, 2021 at 1200 hrs** in the presence of available representatives. Whereas date for opening of commercial offers will be communicated to the respective firm whose technical offers will be accepted. We reserve the right to reject all bids or proposals against this tender at any time prior to the acceptance of a bid on technical grounds. **The technical offers received without challan form and earnest money will not be considered.**

7. **Delivery Period**

Stores are required within minimum possible delivery period. Offer with minimum delivery period are likely to be preferred. However, the delivery period should be factual, as no extension will be subsequently granted except under extreme un-avoidable circumstances.

8. **Country of Manufacture**

Country / place of manufacture of stores are to be provided along with Technical / Commercial offer.

9. **Acceptance of Stores**

The ordered stores will be accepted as per “**Terms and Conditions**” mentioned at the end of this IT. The store if rejected or found defective within one year from the day of commission will be replaced by the supplier free of charge.

10. **Release of Payment**

Payment will be released by CMA (ISOs) Rawalpindi on submission of proper bill / sales tax invoice, copies of GST registration / professional tax certificates, sales tax return and 10% performance bank guarantee (valid for 12 months).

11. **Disqualification**

Offers are liable to be rejected if due to following discrepancies.

- (a) There is a deviation from any instruction.
- (b) Offers are found conditional or incomplete in any respect.
- (c) Multiple rates are quoted against one item or overwriting / erasing in prices.
- (d) Treasury challan of Rs 200.00 is not provided and non- provision of **ATL**.
- (e) 5% Earnest Money (As applicable).
- (f) Past poor performance of the firm.

**Yours faithfully,**



**(ZAHID MASOOD)**

Wing Commander

For Managing Director

APF PAC Kamra

Tel Ext: 051-90996290

APF/LG-07

**SPECIAL NOTE:-**

1. **Store to be delivered at APF on “FOR” Kamra basis.**
2. **Supplier is responsible for 01 years warranty / guarantee of item.**
3. **Prices and Part Catalogue be provided free of cost.**
4. **Items should be current year’s production.**
5. **All technical publication (wherever applicable) to be provided free of cost.**
6. **Store will be inspected by concerned user/quality control APF.**
7. **Technical data sheet / specification must be provided with technical offers against quoted items.**
8. **Earnest Money will be forfeited in case of non-acceptance of P.O / Contract.**

## **SPECIAL TERMS AND CONDITIONS FOR EXTERNAL PROVIDERS**

### **General**

1. It shall be the responsibility of External Provider to ensure that the product conforms to the agreed specification/drawings/process/design/test/sample. In case of any clarification, External Provider is to coordinate with Contract Section well-in-time before opening of technical offer at **Tel # 051-9099-6289**.
2. Delivery of the items/product shall be strictly made as per given time line. In case of failure, the competent purchasing officer reserves the right to cancel the procurement without any notice and initiate actions, if deemed necessary.
3. The External Provider is to ensure that the source of his purchase is a registered business activity and meets requirement of qualified personnel.
4. The External Provider must understand the quality management system of APF for the inspection/acceptance criteria of the products he shall deliver to APF.
5. It shall be the responsibility of External Provider to get his firm inspected/audited as and when required by APF. Moreover, the External Provider shall be responsible for paying all taxes applicable as per contract clauses as well as GOP policies and must be able to produce relevant records whenever demanded by APF.
6. External Provider must retain the record of products he delivers to APF for a minimum period of five (5) years

### **Product Realization**

7. APF reserves the right to access to External Providers' office, factory, customers, regulatory authorities, at any level of the supply chain for pertaining process and applicable records.
8. External Provider is to notify APF of the non-conforming product as soon as detected.
9. External Provider is to obtain APF approval for disposition on non-conforming product.
10. External Provider must notify APF, for changes in product and/or process changes, changing of manufacturing facility, location and where required, obtain APF approval.
11. Flow down to supply chain and the applicable requirements including customers' requirements.
12. Upon receipt of products at APF, same would be subjected to quality/user's inspection. In case of rejection, External Provider is liable to take the corrective action(s) as per recommendation of APF.
13. External Provider has to ensure contribution to product or service conformity.
14. External Provider has to ensure contribution to product safety.
15. External Provider should know the importance of ethical behavior.
16. Kindly ensure compliance of above mentioned terms, we look forward for good business with your firm.

## TECHNICAL SPECIFICATIONS 20 KVA UPS 3 PHASE

Category "A" UPS Western Origin Brands with dry batteries as mention Government of Pakistan FBR Valuation Ruling No 1322/2018

Output Power (KVA)	16kW/20kVA
Output voltage	230,400V 3-Phase
Waveform Type	Pure Sine Wave
Output Frequency	50/60Hz
Output voltage	3x380/400v
Input voltage range	320-460v
Input Frequency Range	50/60Hz
Input Power Factor	0.98@100%load
Noise Level (dB)	Less than 60 dB
Humidity	95% RH @0-40C
Parallel Operation	03 Devices or more
Protection	<ul style="list-style-type: none"> <li>• Against Short Circuiting</li> <li>• Against Back Feed</li> <li>• Protection degree IP 20</li> </ul>
Backup Time	10min at 100% load and 26 min at 50% load
Bypass	Built-in maintenance bypass, Built-in static bypass.
Transfer Time	0 Second
Audio Warning Sign	<ul style="list-style-type: none"> <li>• Battery Mode</li> <li>• Low Battery</li> <li>• Overload</li> <li>• Error</li> </ul>
Safety Standard	IEC 62040-1/ IEC 60950-1 or Equal
Surge Capacity	300 Joules
Harmonics Distortion	THDi $\leq$ 3% (100% Linear Load THDv $\leq$ 2% THD (Linear Load) ~ $\leq$ 4% THD NON Linear Load)
EMC Standard	IEC 62040-2 / IEC 61-4-2 or Equal
Standard Interface	Ethernet
Emergency Power Off	Yes



**SCOPE OF WORK FOR 20 KVA 3 PHASE  
ONLINE UPS PART NO 6130PK0002640**

1. Offer should only be of class "A" brands.
2. Delivered unit should be CBU with certificate of OEM (where applicable)
3. Complete installation activity of UPS at APF premises is the responsibility of vendor including wiring connection.
4. Accessories like batteries (Maintenance free) to be provided along with UPS.
5. Standard Cabinet /Trolley / Stand for UPS to be provided by vendor.
6. Operational warranty of one year to be provided by vendor.
7. Backup time at least 10 Min on 100% Load and 26 Min on 50% Load
8. Transfer time 0 sec.
9. Safety standard IEC 62040-1, IEC 60950-1
10. EMC Standard IEC 62040-2.
11. Auto warning Sign (Battery Mode, Low Battery, Overload and Error)
12. Protection against short circuiting and against back feed.
13. All technical publications (wherever applicable) to be provided free of cost.
14. Operational / User manual (hard copy), service manual (hard copy) calibration certificate / reports with calibration certificate / reports with calibration status sticker be provided free of cost.
15. All applicable accessories with equipment to be provided free of cost.
16. Responsibility of cable, wiring for installation & operational lies with the vendor. Including all types of power plugs / connectors and circuit breakers.

