

**PAKISTAN AERONAUTICAL COMPLEX, KAMRA  
AVIONICS PRODUCTION FACTORY  
TENDER NOTICE**

S.No	Tender No	End User Tel Ext
(a)	APF/1920/42/LOG/PC-35	051-90996358
	Opening Date	28 March, 2023

**TERMS AND CONDITIONS**

1. Sealed tenders are invited from only those sales tax registered suppliers who are on Active Taxpayers List (ATL) of FBR and preferably registered with PAC Board (if not than get themselves registered with PACB after winning the tender), for the purchase repair of the undermentioned items.

APF/1920/42/LOG/PC-35		Tel Ext; 6358			
S No	Part No	Noun	U/I	Qty	Specification
1	FLUKE179	DIGITAL MULTIMETER	EA	1	Specifications are Attached
2	EN3500	DISSIPATIVE TABLE MATS CUT 167	MR	50	
3	PT-540	LABLE MAKING	EA	1	
4	44-39-150	SOLDERING STATION	EA	2	
5	PASTERNAK-PE9312	SMA (F) TO SMA (F) MOUNT ADAPTER	EA	2	
6	PASTERNAK-PE3704-3	PASTERNAK DOUBLE SHIELDED 3 INCH RG-316DS SMA (M) – SMA (M)	EA	2	

**Delivery of Tender**

2. The quotation shall comprise a single package containing 02 separate envelopes. Tender reference along with due date of opening must be clearly marked. Each envelope shall contain separately, the commercial offer and the technical offer respectively. **Each bid (commercial / technical) shall be on separate leaf against single line item**, envelope cover must be marked with "Tender No", addressed to **Assistant Director Logistics (S&A) APF, PAC Kamra**. Complete details / specifications of items, if required can be obtained from **Contact No 051-90996358** on any working day before opening of tender.

(a) **Technical Offer** It should be without prices and contain all relevant essential specifications along with literature / brochures. Tender number, date of opening and word (Technical Offer) should be clearly marked. The tendered Part No should be mentioned against quoted item / offer. Any details of equipment / variables being quoted should be clearly mentioned against Part No being tendered. **NSN / OEM Part No** should be mentioned on both technical and commercial quotations. All quoted products must have traceable local / foreign OEM. **Country / place of manufacture / OEM** of stores is to be provided along with Technical / Commercial Offer. **CERTIFICATE OF CONFORMANCE (CoC), TECHNICAL DATA SHEETS (TDS) and MATERIAL SAFETY DATA SHEETS (MSDS) along with any other relevant literature by OEM** are must for all AVIATION ITEMS, MATERIALS AND EQUIPMENTS. All precisions measuring equipment must be quoted with provisioning of fresh **Calibration Certificate**. Spectrometric analysis report against raw material / hardware items may be required to establish conformity of delivered product. All Chemicals, lubricants and any item of shelf life range must be quoted with

provisioning of MSDS along with fresh **laboratory test reports** against corresponding LOT No, Batch No, Date of Production and Date of Expiry of delivered stores. **[PART CATALOGUES, IPBs (illustrated part books) USER GUIDES, OPERATING / MAINTENANCE MANUALS, BROCHURES, PRICES]** which ever available / applicable would be provided free of cost along with delivered stores. In case of Unit of issue being quoted other than which has been tendered, conversion formula is to be mentioned, APF will conclude all transaction formalities (vetting, approval, placement of order, receipt of stores, and subsequent payment) as per tendered / published Unit of Issue. All cyber range products must be of **branded origin and without VPro technology, ivy / sandy bridge processors**. Confirmation to this effect is to be furnished by written certificate along with quotation. License keys, activation / access passwords, and source codes are to be provided along with all software whether purchased individually or as a part of any system / equipment or machinery.

(b) **Commercial Offer:** It should indicate price of quoted item (to be delivered at APF, KAMRA premises with all liabilities on Suppliers) and confirmation to the terms and condition of APF tender inquiry. The words "**Commercial Offer**" should be clearly marked. The quoted prices are to be exclusive of GST levied by the Government and these should be in accordance with the current local market prices. GST must be mentioned separately. All other charges must be incorporated in offered price. Rates must be mentioned in both "**words**" and "**figures**". Following documents must accompany commercial offer:-

- (i) Proof of being on ACTIVE TAXPAYERS LIST.
- (ii) Sales tax registration certificate.
- (iii) NTN certificate.
- (iv) Professional Tax certificate of the province where the local purchase order / contract is being concluded as per MAG letter No 54/AT/S/1687-Vol-XXVII/P-29 dated 22 April, 2013 and Taxation department Punjab letter NoSO (TAX) 1-33/77 (P-IV) date 28 August, 2003.
- (v) Any specific SRO / Tax exemptions if applicable must be notified along with commercial offer.

(c) **Bid Money / Earnest Money** The registered / unregistered firm with PACB (Pakistan Aeronautical Complex Board, Kamra) will have to furnish **earnest money Rs 10,000/-** in shape of **Bank draft, DDR, Pay Order or CDR** in favor of **MD APF, PAC Kamra**. Cheques will not be accepted as in lieu. The earnest money instrument should indicate Tender reference and firm / company name. The confirm purchase order will be furnished upon receipt of earnest money. Earnest money of bidders backing out of submitted quote or failing to provide in time delivery will be forfeited along with initiation of disciplinary actions.

3. **Quantity can be increased / decreased at the time of order as per APF requirement without change of commercial quotations. Bids once submitted will not be allowed to be changed and will be binding on suppliers for delivery of stores if purchase order is furnished, however, clarifications may be sought.**

4. **Validity of offer** The quotation should be valid for minimum **90 days, extendable on request.**

5. **Delivery Period** **Items are to be delivered at APF, PAC KAMRA premises with all liabilities on Suppliers.** 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 subsequent extension will be granted except

under extreme / un-avoidable circumstances. **Delivery period will invariably start from furnishing of written (provisional / firm) purchase order whichever is earlier.** Delivered stores must be in **standard packing** (free of any separate cost). Delivery of items shall be strictly made as per timeline mentioned in purchase order. In case of failure APF reserves the right to cancel any PO.

6. **Acceptance of Stores / General Terms & Conditions**

- (a) **CERTIFICATE OF CONFORMANCE, TDS and MSDS** by OEM is must for all aviation items, materials, Lubricant and equipment.
- (b) All precision measuring equipment must accompany fresh **CALIBRATION CERTIFICATE either from OEM or any certified credible facility.**
- (c) All Chemicals, lubricants and any item of shelf life range must accompany **MSDS** along with fresh **laboratory test reports against corresponding LOT No, Batch No, date of production and date of expiry of delivered stores.**
- (d) In case of lifed items the remaining shelf life must be at least 75 % at the time of delivery.
- (e) Stores will be accepted after inspection by concerned user / Quality Control Directorate as per QMS of APF.
- (f) Supplier will be made responsible for **warranty / guarantee** of purchased items if required. In case of rejection of item on receipt or any defect / anomaly found within warranty period whether before use or while in use, the supplier will provide free of cost replacement at APF Kamra premises bearing all liabilities.
- (g) All repair works / services will **INVARIABLY** be under at least **06 months warranty**, unless contracted otherwise.
- (h) **[PART CATALOGUES, IPBs (illustrated part books), USER GUIDES, OPERATING/ MAINTENANCE MANUALS, BROCHURES, PRICES]** which ever available / applicable would invariably be provided **free of cost** along with delivered stores.
- (j) Items should be current year's production.
- (k) Supplier will retain record of all products delivered to APF karma, for at least 03 years.
- (l) APF reserves the right to visit / inspect any premises of supply chain against required / offered products.
- (m) The supplier will be responsible for in time payment of all applicable taxes and duties to relevant agencies as per in vogue GOP regulations. The supplier must be able to furnish / produce such record as and when demanded by APF.
- (n) Any item being tendered if obsolete / discontinued by OEM may please be communicated along with said certification by OEM. Suitable replacements / substitutes / interchangeable may also be communicated along with complete technical / operational details.
- (p) All quotations/ bids, correspondence and clarifications / queries must be on company letter head duly signed by authorized signatory authority. Active contact / correspondence details (Phone no, Cell No, E-mail & Postal Address must be mentioned).
- (q) All quotations, bids, clarifications, queries, correspondence and product will be kept strictly confidential.

7. **Release of Payment** Payment will be released by Dte of Budget and Accounts, APF PAC, Kamra on submission of Sales Tax invoice along with copies of GST registration, NTN certificate and Professional Tax certificate. Sales Tax Return against previous transactions (if any) during current financial year and copy of relevant SRO (if applicable) will also be required. All payments will be released after successful acceptance of delivered stores by user and upon furnishing of requisite documentations. **No financial liability of any sort will be carried forward to next financial years.** After receipt of payment, supplier is to furnish monthly sales tax return

declaration along with Annexure "C" (DOMESTIC SALES INVOICE DETAIL) duly depicting invoice number against which payment has been received from APF, Kamra. Specified amount of GST and Income tax will be withheld / deducted at source as per GOP instructions in vogue. Any exemption in this regard will only be entertained upon furnishing of FBR issued EXEMPTION certificate in name of Firm / Company against specified item.

8. The terms and conditions mentioned in this document will be integral part of any purchase order furnished against this tender, whether or not mentioned again.

9. **Clarifications of Queries** Queries if any may be cleared by contacting 051-9099-6298 and concern user.

10. **Rejection** Offers are liable to be rejected upon opening of Tender, if: -

- (a) There is a deviation from any instruction.
- (b) Offers are found conditional or incomplete in any respect.
- (c) Hand Written / Overwriting / Erasing in prices.
- (d) Firm being BLACKLISTED / UNDER IMBARGO / DE LISTED by any Government Organization.
- (e) Any terms and conditions not in conformity with tendered terms and conditions.

11. **Delivery of Tender** Each quotation (commercial / technical) shall be on separate leaf against single line item. Both the envelopes of **Technical and Commercial** offers should be enclosed in one cover properly sealed, **envelope cover must be marked with "Item name"** and bear the following address of Local Purchase office, APF with **tender Inquiry number and opening date.**

**ASSISTANT DIRECTOR LOCAL PURCHASE (S & A)**

Avionics Production Factory,  
Pakistan Aeronautical Complex,  
Kamra Distt Attock

12. **Opening of Tender** The quotations must be in original and are to reach at this factory by **30 Mint before opening of Tender**. All quotations are to be dropped in the tender box placed at Main Guard Room APF, PAC Kamra. No quotation will be accepted in photocopy, through Fax and after due date and time. Tender will be opened on **same day at 1130 Hrs** in the presence of witnessing officers and available representatives of the firms in **Vendor Conference Room (Dte of Log S&A)**. APF reserve the right to cancel or reject any or all bids / proposals against complete tender or any part thereof, at any time without any liability. In case of official holiday the Tender will be opened on next working day.



**(MUHAMMAD ZAHID ABBAS)**  
Squadron Leader  
for Managing Director  
APF PAC, Kamra  
Tel No: 051-9099-6299

Dated

10 Mar,2023

S No	Noun	Part no	Qty
1	DIGITAL MULTIMETER	Fluke179	01

**Specifications:-**

Digital display with analog bar graph and bar light

True RMS voltage and current measurements

0.09 basic accuracy

Manual and automatic ranging

Frequency and Capacitance measurements

Temperature measurements

Closed case calibration through front panel

Measures twice as fast as other multi meters

**Accessories:-**

Test leads with 4mm latern tips

Includes 80BK Temperature probes

User manual

Installed 9 V battery

Latest calibration Certificate

  
(SYED INAMUL KARIM)  
Sqn Ldr  
DCE SRR  
APF PAC Kamra

S No	Noun	Part no	Qty
1	DISSIPATIVE TABLE MATS CUT 167	EN3500	50 Meter

**Specifications:-**

Product name: Rubber mat ESD table mat for work bench

Material: rubber

Colour: Green or Blue

Structure: Static dissipative layer + Conductive layer

Thickness: 3mm

  
(SYED INAMULLAH)  
Sqn Ldr  
DCE SRR  
APF PAC Kamra

S No	Noun	Part No	Qty
1	Label Making	PT-540	01

**Specifications:-**

Cable Sleeve Printer

Printer interface: USB, Serial, Ethernet

Max feeding Width: 115 mm

Max Printing Width: 104 mm

Software Compatibility: Windows

Media Type: Shrinkable Tube

  
**(SYED INAMULLAH)**  
Sqn Ldr  
DCE SRR  
APF PAC Kamra

S No	Noun	Part no	Qty
1	SOLDERING STATION	44-39-150	02

**Specifications:-**

Manufacturing Part No : WR3M

Dimensions LXWXH: 11.0x9.4x4.0 Inches

No of channels: 3

Temperature Range: 93 to 454°C

ESD State: On

Weight: 7.3Kg

Voltage: 230 Volt AC

Power: 400 Watt

**Accessories:-**

With complete accessories

  
**(SYED INAMULHAQ)**  
Sqn Ldr  
DCE SRR  
APF PAC Kamra



16 No (44-9)



### SMA Female to SMA Female 4 Hole Flange Adapter

## RF Adapters Technical Data Sheet

PE9312

### Configuration

- SMA Female Connector 1
- SMA Female Connector 2
- 50 Ohms
- Straight Body Geometry
- 4 Hole Flange Mount Method

### Features

- Max VSWR of 1.25:1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact
- Contact Plating per MIL-G-45204
- Epoxy captivation

### Applications

- General Purpose Test
- Rack Mounted Equipment

### Description

Pasternack's PE9312 SMA female to SMA female 4 hole flange adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to SMA adapter has a female to female gender configuration. PE9312 SMA female to SMA female adapter operates to 18 GHz. The Pasternack RF adapter provides excellent VSWR of 1.25:1 maximum. This RF SMA to SMA 4 hole flange adapter allows designers to create external connections on their product enclosures, and can be used in a variety of rack mount and panel mount applications.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.25:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Electrical Specification Notes:  
Values at 25°C, sea level

### Mechanical Specifications

Size  
Length 0.87 in [22.1 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price inventory and certifications: [SMA Female to SMA Female 4 Hole Flange Adapter PE9312](#)

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PE9312 REV 1.1

*(Signature)*  
 (MUJEEB UR REHMAN)  
 Flt Lt  
 ACE SRR  
 APF PAC Kamra

Part Number	Description
1	SMA Male to SMA Male Cable Using RG316-DS Coaxial
1	PE3704 is a SMA male to SMA male cable using RG316-DS coaxial cable. Pasternack PE3704 SMA male to SMA male cable assembly uses a 50 Ohm connector 1 and a 50 Ohm SMA for connector 2.
1	Our male SMA to male SMA cable assembly uses a flexible cable. Pasternack PE3704 SMA male to SMA male cable assembly constructed with RG316-DS coax and the maximum VSWR is 1.4.
Method 1	
Price	50



  
**(MUJEEB UR REHMAN)**  
 FILED  
 ACE SRR  
 APF PAC Kamra

**Length**  
 Standard Length    
 Custom Length

\* Lengths are rounded to the nearest quarter inch or centimeter. For precise lengths, please call 1683.

