

**Public Procurement Regulatory Authority  
(Cabinet Division)  
FBC Building, Sector G-5/2, Islamabad**

### **PUBLISHING OF TENDERS ON PPRA WEBSITE**

1. APF intends to procure Avionics System spares & overhauling spares of the under mentioned tenders on "FOR" Kamra basis in local currency.

<b>S NO</b>	<b>TENDER NO</b>	<b>DESCRIPTION OF STORES</b>	<b>LINE ITEMS</b>
(a)	APF/1920/170/LOG(PC-218/24)	PROC OF SPARES FOR OVERHAULING	36
(b)	APF/1920/181/LOG(PC-224/24)	PROC OF SPARES FOR AVIONICS SYSTEM	43

2. Complete details of the required items against each tender and our terms & conditions are enclosed. The same may please be published on the respective website at the earliest as the tender opening date has been fixed as **05 September, 2024**. Invoice for payment of PPRA fee may be submitted to the undersigned accordingly.

3. Your co-operation in this regard will be highly appreciated.



**(ABID GUL)**  
Wing Commander  
For Managing Director  
APF PAC Kamra  
Tel Ext: 051-90996289

Encl: (As Stated)

## TERMS AND CONDITION OF THE TENDERS

1. **Avionics Production Factory PAC Kamra intends to procure Avionics System spares & overhauling spares against the under mentioned tenders on "FOR" Kamra basis in local currency.**

S NO	TENDER NO	DESCRIPTION OF STORES	LINE ITEMS	REMARKS
(a)	APF/1920/170/LOG(PC-218/24)	PROC OF SPARES FOR OVERHAULING	36	• List of required stores against each tender is enclosed.
(b)	APF/1920/181/LOG(PC-224/24)	PROC OF SPARES FOR AVIONICS SYSTEM	43	• Separate quotations against each tender are <b>Compulsory</b> .

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 "C02501-20 Main Head 12 SUB Head 'A' Misc (Code Head- 1/845/30), CMA (ISOs Rawalpindi)" on behalf of Managing Director APF PAC Kamra.**

(ii) **Earnest money of @ Rs 100,000.00 in shape of Bank Draft / Pay order in the favor of CMA (ISOs) Rawalpindi (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 **05 September, 2024 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 **05 September, 2024 at 1200 hrs** in the presence of available representatives. Whereas date for opening of commercial offers will be communicated to the respective firms 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 contrary to the terms & conditions of tender notice 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 so that deliveries of stores and payment can be disbursed within CFY. Delivery period should be clearly mentioned in quotations. 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.

(a) In case of rejection of stores , the supplier will be responsible to replace the rejected store within delivery period.

(b) If accepted store found defective within warranty period from the date of acceptance / commissioning / installation ,the supplier will ensure free of cost replacement / serviceability of the same within one month.

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 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.
- (e) Earnest Money (as applicable) is not provided.
- (f) Past poor performance of the firm.

Yours faithfully,



(ABID GUL)

Wing Commander

For Managing Director

APF PAC Kamra

Tel Ext: 051-90996289

APF/LG-07

**SPECIAL NOTE:-**

1. **Store to be delivered at APF on "FOR" Kamra basis.**
2. **Supplier is responsible for warranty / guarantee of items for 1 year.**
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. Technical data sheets / specifications of all items are necessary.**
6. **Store will be inspected by concerned user / quality control APF.**
7. **Earnest Money will be forfeited in case of non-acceptance of P.O / Contract.**

## LIST OF REQUIRED SPARES

TENDER NO. APF/1920/170/LOG (PC-218/24)

S NO	PART NO (MASTER AS WELL AS I/L)	NOUN	U/I	QTY REQ
1	5801233-4-13	MALE CONDUCTOR 7mm	EA	2
2	5800583-738000-501-NIV4	FEMALE CONDUCTOR K1	EA	2
3	5800583-509200-101	CONNECTOR RF 75 OHM	EA	7
4	W41250-A6101-A4 I/L 11N-50-7-5/133NE	CONNECTOR N 50 OHM	EA	2
5	5800583-509200-102 I/L 5800583-509200-107 I/L C42334-A87-A6	CONNECTOR RF 75 OHM	EA	2
6	5800583-509500-107	CONNECTOR (50 OHM )	EA	1
7	RG218U	CABLE 50 OHM	MR	5
8	RG59/BU	RF CABLE 75 OHM	MR	20
9	W41254D6000A40	LOCKING RING	EA	2
10	BN980402	CONNECTOR (4 1-9 5(50 OHM) FOR RG213/U&RG214/U)	EA	2
11	5800583-564207-420	CONNECTOR FEMALE 12 PIN (D-22mm X L-30mm)	EA	2
12	5800583-544001-230	CONNECTOR 5 CONT	EA	2
13	B85321AB6 I/L B85321-AB6 I/L 85321A2502Z160	FILTER BAND 250V 50HZ/350V-5000V	EA	2
14	5800583-575032-326 I/L C42334-A48-A36 I/L C42334-A48-A6 I/L RS256-8491	CONNECTOR 26 POLE FEMALE	EA	2
15	RNF-3000-39/13-X-SP	HEAT SHRINKABLE SLEEVE TRANSPARENT 39/13MM	MR	10
16	RNF-3000-39/13-0-SP I/L RNF-3000-39/13 I/L RNF300039/13	HEAT SHRINKABLE SLEEVE BLACK 39/13 MM	MR	12
17	RNF-3000-24/8-0-SP I/L RNF-300024/8	HEAT SHRINKABLE SLEEVE BLACK 24/8MM (RAYCHEM)	MR	100
18	RNF-3000-24/8-X-SP	HEAT SHRINKABLE SLEEVE TRANSPARENT 24/8MM	MR	70
19	RNF-3000-18/6-0-SP	HEAT SHRINKABLE SLEEVE BLACK 18/6MM (RAYCHEM)	MR	50
20	RNF-3000-18/6-X-SP	HEAT SHRINKABLE SLEEVE TRANSPARENT 18/6MM	MR	45
21	RNF-3000-12/4-0-SP I/L RNF-3000-12/4MM	HEAT SHRINKABLE SLEEVE BLACK 12/4MM (RAYCHEM)	MR	50
22	RNF-3000-12/4-X-SP	HEAT SHRINKABLE SLEEVE TRSANSPARENT 12/4MM(RAYCHEM)	MR	46
23	RNF-3000-9/3-0-SP I/L RNF-3000-9/3	SLEEVE HEAT SHRINKABLE BLACK 9/3MM (RAYCHEM)	MR	37
24	RNF-3000-9/3-X-SP I/L RNF- 3000-9/3-X	HEAT SHRINKABLE SLEEVE TRANSPARENT 9/3MM (RAYCHEM)	MR	5
25	RNF-3000-6/2-0-SP I/L RNF-3000-6/2	SLEEVE HEAT SHRINKABLE BLACK 6/2MM (RAYCHEM)	MR	28
26	RNF-3000-3/1-0	SHRINKABLE TUBING BLACK 3/1mm	MR	38
27	5800577-12-002	MOUNT RESILIENT (16mmx10mm)	EA	109
28	5801245-611-061	CABLE DUCT 40MMx40MMx2Mtr	EA	56
29	5801245-611-041	CABLE DUCT (80x80mmX2Mtr)	EA	21
30	5801245-71207	CABLE DUCT (60mm x 40mm X 2Mtr)	EA	34
31	6210PK0002243	LED TUBE LIGHTS 220V 9 WATT	EA	18

32	5800689-9011-NIV10	INTERNAL MALE CONNECTOR	EA	2
33	5800686-1-038-NIV13A	RING FINS	EA	2
34	5800686-1-038-NIV35B	FEMAL CONDUCTOR	EA	2
35	5801233-4-10A	FEMALE CONDUCTOR	EA	2
36	5800583-510901-102	CABLE 50 OHM	MR	10

## TERMS & CONDITIONS

<b>Packing</b>	OEM Packing Proper packing in case of local made item ( <b>no loose item</b> ) For heavy item, wooden packing for safety of item
<b>Lifed components</b>	Rubberized items, seals, and lifed item must be of current badge/lot 80% of Shelf life to be adhered for delivered product
<b>Production</b>	Item should be new ( <b>depiction through security seals on items</b> ) Current year production ( <b>date of production must be mentioned</b> ) Item production date should not beyond last two years
<b>Documentation (Free of Cost)</b>	Certificate of Conformance ( <b>caution against fabricated / vendor's CoC</b> ), Technical Data Sheet and Material Safety Data Sheet along with any other relevant literature by OEM are must for all items, materials and equipment Proof of Documentary details leading to OEM traceability
<b>Warranty</b>	Minimum <b>12 Months</b> trouble free warranty from date of <b>first use/functional check after acceptance</b> . Items with extended warranty by OEM must conform to warranty regulation as per mentioned details. Supplier will be responsible for warranty / guarantee of purchased items. 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.
<b>Brand ingenuity</b>	Item must conform to International / Mil Standards. Caution against counterfeit items / Part numbers, used / removed from any equipment. European / UK /USA brand should be preferred Proof of ToT from OEM for local manufacturer (OEM) items Traceability through available sources (website etc) of OEM ( <b>Caution against dissolved firms</b> ) APF reserve the right to visit / inspect any premises of supply chain against required / offered products. Any item if found obsolete / discontinued by OEM may be communicated along with certification by OEM. Suitable replacement / substitutes / interchangeable / compatible may also be communicated along with complete technical / operational details. No item from Isreal, India origin.
<b>Compliance of safety and environmental standards</b>	Each line item must comply relevant safety and environmental standards which include ISO14001, IEC 6 series etc.

## LIST OF REQUIRED COMPONENTS / CONSUMABLE SPARES

**TENDER NO. APF/1920/181/LOG (PC-224/24)**

S. NO	PART NO. (MASTER & I/L)	NOUN	U/I	QTY REQ
1	HEF4532BP	IC (PRIORITY ENCODER)	EA	7
2	OP220AJ/883	IC (FEED BACK OPS AMP)	EA	3
3	PLDC20G10-30DMB	INTEGRATED CIRCUIT	EA	5
4	1N3025B I/L FR369-860	ZENER DIODE 16V	EA	2
5	MC1595L	IC	EA	3
6	DCDA37P6E1-18.0B	CONNECTOR PLC 37 PINS MALE	EA	1
7	DCDA31P6E1-18.0B	CONNECTOR PLD 31 PINS MALE	EA	1
8	DCDA51P4E1-24	CONNECTOR PLK 51 PINS MALE	EA	1
9	AM26C31IDBR	IC QUADRUPLE DIFFERENTIAL LINE DRIVER	EA	2
10	FMMT495TA	NPN SILICON PLANAR MEDIUM POWER TRANISTOR	EA	4
11	FR170-458	LOW PROFILE (IC SOCKET)	EA	15
12	DR560 I/L DR5570	Desoldering Iron	EA	2
13	C210002 I/L 2210-002	SOLDERING TIP 0.2mm	PK	1
14	C210008 I/L 2210-008	SOLDERING TIP 1.3x0.6mm	PK	1
15	C210009 I/L 2210-009	SOLDERING TIP 0.2mm	PK	1
16	1121-0463	STAND DESOLDERING TIPS	SE	2
17	1121-00462	DESOLDERING TIPS	EA	2
18	6F/22 I/L 1E/6F22 I/L 1EC6F22	BATTERY 9 VOLT	EA	30
19	BS-10	SOLDER PASTE	EA	10
20	540425	RES SIL CAF 1 (Tube of 100 gm Ea)	TU	5
21	5935PK0000341	JUMPER WIRE (30 AWG) ROLL OF 300 MTR	RL	2
22	FEC106-000	ALL PURPOSE ADHESIVE TUBE 20mL	TU	2
23	871-8865	PERMANATLY ANTISTATIC BAGS WITH ZIP (250 x 350mm) PACK OF 100	PK	2
24	871-8857	PERMANATLY ANTISTATIC BAGS WITH ZIP (200 x 250mm) PACK OF 100	PK	2
25	RS287-8186	ESD SAFE BRUSH	EA	2
26	5519A I/L 6477	DMM PROBES	EA	2
27	J5260F I/L FR522-703	REVIT AND STUD ASSY	EA	17
28	PC26	LIQUID FLUX (5 LTR CAN)	CAN	2
29	32-1787	RUBBER GLOVES (ORANGE SUPERWEIGHT G02T)	PR	4
30	00722084	LACQUER REMOVER SPRAY 400ml	BT	5
31	RS705-8744	LIQUID DISPENCING BOTTLE	BT	2
32	FR265-070	CONDUCTIVE BRUSHES HARD 12MM WIDTH	EA	2
33	32B/9433239 I/L 32B/9437001 I/L 33B/PAF-765	TAPE MASKING 1 inch	RL	10
34	32B/998	TAPE TRANSPARENT 1/2"	RL	10
35	FR130-436 I/L 24378	CONTACT CLEANER (400ml)	BT	22
36	108-432	PENETRATING OIL WD-40 (440ml)	BT	2
37	21308618-01	SCREW EXTERNALLY RELIEVED BODY (L=13.0MM X D=3.2MM)	EA	50
38	74AC161M	16 Pin SOIC Synchronous Presentable 4-Bit Counter	Ea	2
39	GAL22V10D-25QJN	IC 28 Pin PLCC High Performance E2CMOS PLD	Ea	2
40	C210001 I/L 2210-001	SOLDERING TIP 0.3mm	PK	1
41	C210006 I/L 2210-006	SOLDERING TIP 1mm	PK	1
42	C245029 I/L 2245-029	SOLDERING TIP 0.4mm	PK	1
43	RBC55	APC Replacement Battery	EA	2