

**GOVERNMENT OF PAKISTAN
AVIONICS PRODUCTION FACTORY (APF) PAC KAMRA**

OPEN TENDER

TERMS AND CONDITIONS

1. Sealed tenders are invited from only those sales tax registered suppliers who are on **Active Taxpayers List (ATL)** of FBR, for purchase of the following items on "FOR" Kamra basis.
2. Technical and commercial quotations should be sealed in separate envelopes.

NOTE: - SUBMIT SEPARATE QUOTATIONS FOR EACH PART CASE

APF/786-A/1921/13/LP/PC-03 (2026-27)					
Tender opening date and Time: 22-10-2026 (1230Hrs)					
Local Purchase : (P&T) Line Item: 17					
S No	Part No	Noun	Specifications	U/I	Qty
(a)	RT28-32(20A)	FUSE LINK 20A	500VAC, 20A, 10x38mm	Ea	03
(b)	RT28-32(32A)	FUSE LINK 32A	500VAC, 32A, 10x38mm	Ea	01
(c)	NXU-IIG40/275	SURGE ARRESTER 1P+N	IN-20kA, Uc-275VAC, 50Hz, IMax:40kA, Up:1.5kV, 125A	Ea	02
(d)	NXU-IIG65/385	SURGE ARRESTER 3P+N	IN-30kA, Uc-385VAC, 50Hz, IMax:65kA, Up:2.0kV, 160A	Ea	01
(e)	MP30-Y2	RFI Suppression Capacitor, 0.047µF, 250VAC	0.047µF±20%, 250VAC, Class Y2 (Line to Ground), Lead Spacing: 22.5mm, Dielectric Type: Metallized Paper, Operating Temp: -40°C to +110°C, Dimensions (mm): 10(W)×22(H)×27.5(L) Diameter: 0.8mm	Ea	03
(f)	F2-40BL	Battery Lithium 3.6v Type F-40BL PLC	60V 1.80Ah Lithium Thionyl Chloride battery Length=50mm Dia=14mm Weight=0.022kg ER6C	EA	02
(g)	Kr-08-10(17.5)	Potentiometer (10 Kohm)	SPARE OF FRONT PANEL, IT IS USED TO ADJUST THE ACB MSL AUDIO	Ea	05
(h)	EP2C35F672I8N	Cyclone II Device	Fine Line BGA package with 872 Pins, Temperature - 40°C to 100°C, Lead free device, Speed grade is 8	Ea	01
(i)	J599/26WD35SN	Connector (Plug)	-	Ea	01
(k)	J599/26WC35PN	Connector	-	Ea	01
(m)	D02173000	ACTIVE PIRANI GAUGE (APG-L NW16AL)	Pressure Range: APG-L: Atmosphere to 10 ⁻⁴ mbar/Torr, Accuracy: APG-L: Typically ±15% at <10 mbar/Torr, Power Supply: +20 to 36Vd.c, Output Signal: 2 to 10v d.c, Rating: 40V d.c, 100mA max, Filament: APG-L: Gold-Coated Tungsten, Weight: Stainless Steel: 0.2Kg, External Interface Connector: RJ45 socket, Vacuum Fitting: NW16, Internal Volume: NW-8cm ³ 15 mm O.D. 10m	Ea	01
(n)	P1917S	Monitor 19"	Screen Size: 19", Resolution: 1280x1024	Ea	01
(p)	AAC00020	Vacuum Tube R-3603	Crystal Clear and Flexible Tube for Vacuum Inner Diameter: 1/4 inch Outer Diameter: 5/8 inch Wall Thickness: 3/16 inch Min Bend Radius: 1/2 inch Max Working Pressure at 73F°: 50psi Vacuum Rating in-of mercury at 73F°: 29.9	Ft	25
(q)	3724F80P055G0 FT01	Connector (Board-to- Board Floating Receptacle, Female, 60 Pin, Vertical)	Electrical rating: AC/DC 50V 0.5A; Contact Resistance: 80mΩ, Insulation Resistance: 500MΩ, Withstand Volt: 500V AC/Minute, Operating Temperature: -40 °C~105 °C	Ea	12
(r)	PT05	Low Pressure Sensor	PRESSURE 0-7 BAR ATT.PEW 7/16 PT05	Ea	01
(s)	IC12J00THD400	IC915 TEMPERATURE TC/PT100	DISPLAY RANGE: PTC PROBE: -55.0 to 140.0°C POWER SUPPLY: 12-24V POWER CONSUMPTION: 1.5W FOR MODEL 12V-	Ea	01
(t)	PT124	High Pressure Sensor	PRESSURE 0-30 BAR 4-20mA 7/16	Ea	01

Local Purchase : (INTG) Line Item: 20

S No	Part No	Noun	Specifications	U/n	Qty
(a)	IAG666-1-41-5.0-01	CIRCUIT BREAKER	3 Phase CB 5 Amp	EA	03
(b)	IAG666-1-41-30.0-01	CIRCUIT BREAKER	3 Phase CB 30 Amp	EA	03
(c)	IEG6-1-51-30.0-01	CIRCUIT BREAKER	DC CB 30 Amp	EA	03
(d)	FFSD-25-D-96.00-01-N-R	RIBBON CABLE WITH IDC RECEPTACLE TO IDC RECEPTACLE 50 WAY	RIBBON CABLE NO OF POSITION 50 CABLE LENGTH 8 FT CONNECTOR IDC RECEPTACLE TO IDC RECEPTACLE 50 WAY	EA	08
(e)	WD5003AZEX	WD BLACK 500GB HARD DISK DRIVE	WEIGHT 2.1 OUNCES L X W X H 5.8 X 4 X 1 INCHES HD INTERFACE SERIAL ATA800 HD SPEED 7200 RPM SATA 6 GB/S 64MB CACHE 3.5 INCH	EA	01
(f)	MCC255-16101	SCR Module 1.6KV 400A	1.6KV 400A	EA	06
(g)	EM-07	Glass LCD 71.5 x 61.5 mm	Operating V: 85-240VAC, Freq: 50/60Hz, Power: <10VA	EA	01
(h)	HB12038HA2SL	Cabinet cooling Fan	220VAC 50Hz, Size 120x120x38mm	EA	02
(i)	20060HA2BL	Cabinet Cooling Fan	220VAC 50Hz, Size 200x200x60mm	EA	02
(k)	3070	CRC CONTACT CLEANER 14 Oz	K2, 14 OUNCES, DIELECTRIC STRENGTH 27600V	EA	01
(m)	ACB1/PG-3AS-S34	CONNECTOR PLUG	-	EA	02
(n)	ACB1/PG-1P-S34	CONNECTOR	-	PC	02
(p)	ACB1/PG-1S-S34	CONNECTOR	-	PC	02
(q)	TL175(NON.E VERSION)	TEST LEAD SET (FLUKE TL75)	CONNECTOR TYPE SHROUDED CURRENT RATING 10A SAFETY CATEGORY VOLTAGE 600V, 1000V, SAFETY CATEGORY CAT III 1000V CAT IV 600V OPERATING TEMPERATURE - 20C° TO +55C° SAFETY CATEGORY LEVEL CAT III IV	EA	02
(r)	TL75	TEST LEAD SET (FLUKE TL75)	(48" 1.22M) PVC INSULATED TEST LEADS VOLTAGE RATING OF 1000V (CAT II) AND 10A CURRENT RATING CAT IV 600V CAT III 1000V VOLTAGE ONLY WITH PROTECTIVE CAP	EA	01
(s)	RTM-ZP10	Oscilloscope Probe	10:1 500MHz 10M Ohm 9.5 pF 400V 300V CAT II	EA	01
(t)	X20PUESD	CHAIR (ESD)	-	EA	02
(u)	ACB1/BK-3AP-S34	Data Bus Connector	-	EA	02
(v)	ACB1/BK-3AS-S34	Data Bus Connector	-	EA	02
(w)	SANYOXP46	Display Projector	-	EA	01

APF/786-A/1921/13/LP/PC-05 (2026-27)
Tender opening date and Time: 22-10-2026 (1230Hrs)

Local Purchase : (LCS) Line Item: 11

S No	Part No	Noun	Specifications	U/I	Qty
(a)	MX29LV040CT I-90G	FLASH - NOR MEMORY IC 4MB (512K x 8) PARALLEL 90NS 32- TSOP	MEMORY TYPE: NON-VOLATILE MEMORY FORMAT: FLASH TECHNOLOGY: FLASH - NOR MEMORY SIZE: 4Mb (512K x 8) WRITE CYCLE TIME - WORD, PAGE: 90NS, ACCESS TIME: 90ns, MEMORY INTERFACE: PARALLEL, VOLTAGE - SUPPLY 2.7 V ~ 3.6 V, OPERATING TEMPERATURE: -40°C ~ 85	Ea	04
(b)	102246L	PROPAN-2-OL (ISO- PROPYL ALCOHOL) 'ANALAR' (BOTTLE=2.5 LTR)	-	BT	01
(c)	C0650530223	PETROLEM ETHER AR 90-120 - 500ml	BOILING POINT 90-120, SPECIFIC GRAVITY 0.825-0.86MDL NO. MFCD 000818449, 500ml bottle	BT	01
(d)	C0720110210	ACETONE-99 - 2.5 Liter Bottle	FORMULA CH ₃ COCH ₃ , SOLUBILITY MISCIBLE WITH WATER, CHLOROFORM, DIMETHYL FORMAMIDE, 2.5 liter bottle	BT	01
(e)	082-0028F	ANTISTATIC MAT, BENCH, RUBBER, BLUE, 600MMx1.2Mx2MM	MATERIAL: RUBBER TERMINAL: STUD LENGTH: 1200MM 600MM, 2MM	R O	02
(f)	TBC- CONNECTOR	Circular Connector (DXG) Mates with J599K/20WC28SN (28 Pin)	-	Ea	03
(g)	5935PK000355 5	Connector Circular 28 Pin	Socket male, Copper Alloy, Mounting style straighnt, 28 Positions, Contact=ing plating gold	Ea	03
(h)	45803	DYMO D1 STANDARD LABELS(19mm x 7m Black, White)	19mm x 7m Black, White	Ea	03
(i)	18443	DYMO INDUSTRIAL VINYL LABELS(9mm x 5.5m Black, White)	9mm x 5.5m Black, White	Ea	02
(k)	J30J-31TJL- AQ	Connector	TYPE=D TYPE 31 PIN MALE CONNECTOR, MATERIAL =METAL	Ea	02
(m)	MHRE84VI	IMEDION 8.4 V, 250mAh RECHARGEABLE BATTERY	250mAh, 8.4V	Ea	02

APF/786-A/1921/13/LP/PC-06 (2026-27)
Tender opening date and Time: 22-10-2026 (1230Hrs)

Local Purchase : (P&T) Line Item: 44

S No	Part No	Noun	Specifications	U/I	Qty
(a)	21032001-001	Cable-P2	CX-3041 Cable, L= 97cm with Straight Press Connectors	EA	01
(b)	21032002-007	Cable-P3	CX-3042 Cable, L= 94cm with Straight Press Connectors	EA	01
(c)	21032002-002	Cable-P4	CX-3043 Cable, L= 92cm Straight Press Connectors	EA	01
(d)	21032001-007	Cable-P5	CX-3044 Cable, L= 94cm with Straight Press Connectors	EA	01
(d)	21092003-005	Cable-P6	CA-03-00-1469, L= 75cm P6 to P6-1, P6 to P6-2 = 70C	EA	01
(e)	21042001-004	Cable-S4	CT-03-00-411, L= 68cm with Y Type connector	EA	01
(f)	21032001-006	Cable-C1	CA-03-00-1535, L= 112cm Y Type Cable	EA	01
(g)	SMA-JC3506-2G-550	Cable S1	SMA-JC3506-2G-550, L= 55cm	EA	01
(h)	SMA-JC3506-2G-400	Cable S2	SMA-JC3506-2G-400, L= 40cm	EA	01
(h)	JYSK2M24JYS K2M12NMIV-L0.65/0.31-534	Cable G1	JYSK2M24 JYSK2M12NMIV-L0.65/0.31-534, L= 78cm, Male Connector	EA	01
(j)	DL-G1	Ground cable set AnT	L= 9 inch, ST2108017-00	EA	01
(k)	DL-G2	Ground cable set RXR	L= 48cm ST23020105-01	EA	01
(m)	DL-G3	Ground cable set PS	L=10 inch ST2108017-002	EA	01
(n)	AMB/A-R-ACB1-BK-3A-S-0	Bus Terminator	Female Microbus MIL-STD-1553B dismountable stub load / terminator. Resistor value: 3 kΩ ±2% Socket contact: 3A. Operating Temp: -55°C to +150°C	EA	42
(p)	AMB/A-R-ACB1-BK-3A-S-1	Bus Terminator	Female Microbus MIL-STD-1553B dismountable stub load / terminator. Operating Temp: -55°C to +150°C	EA	42
(q)	JY27467T25B19 S	Connector	-	EA	07
(r)	JY27656T25B19 P	Connector	-	EA	07
(s)	M39029/30-221-0	Pin Female (08)	MIL-DTL-39029/30 socket Contact, Size 8, Crimp termination, copper alloy with gold plating over nickel. Accommodates 8 AWG wire size. Used in MIL-DTL-5001S / MIL-DTL-22992 rear release circular connectors.	EA	350
(t)	M39029/30-221-1	Pin Female (08)	MIL-DTL-39029/30 socket Contact, Size 8, Crimp termination, copper alloy with gold plating over nickel. Accommodates 8 AWG wire size. Used in MIL-DTL-5001S / MIL-DTL-22992 rear release circular connectors.	EA	350
(u)	M39029/58-363	Pin Male (20)	-	EA	350
(v)	M39029/58-351	Pin Female (20)	-	EA	350
(w)	M39029/58-380	Pin Male (22)	-	EA	350
(x)	M39029/58-364	Pin Male (16)	-	EA	350
(y)	M39029/58-365	Pin Male (12)	-	EA	350
(z)	M39029/58-527	Pin Female (10)	-	EA	350
(aa)	3E6-571-131	20# Female pins	-	EA	350
(ab)	3E6-571-135	16# Female pins	-	EA	350
(ac)	M39029/5-116	16# Female pins	-	EA	350
(ad)	M39029/56-348	22# Female pins	-	EA	350
(ae)	M39029/75-416	CONTACT SOCKET	Size 12 Crimp Gold	EA	350
(af)	M39029/81-530	CIRCULAR MIL SPEC CONTACTS 8 GAUGE SOCKET	FEMALE	EA	350
(ag)	M39029/103-559	CONTACT SOCKET	Size 12 Crimp Gold	EA	350
(ah)	BJ79HG-0	Bulkhead Connector	TRB Bulkhead Jack, Straight, Hermetically Sealed Feed-Thru, Solder, concentric twinax/triax connector. Meets MIL-C-49142. Passivated stainless steel body, 500 VDCV, Temp Range -65°C to + 165°C	EA	42

S No	Part No	Noun	Specifications	U/I	Qty
(aj)	BJ78HS-1	Bulkhead Connector	TR8 Bulkhead Jack, Straight, Hermetically Sealed Feed-Thru, Solder, concentric twinax/triax connector. Meets MIL-C-49142. Passivated stainless steel body, 500 VDWV, Temp Range -55°C to +155°C	EA	42
(ak)	AMB/A-R-ACB1-BK-3A-P-1	Bus Terminator	Male Microbus MIL-STD-1553B dismountable stub load / terminator. Operating Temp: -55°C to +150°C.	EA	42
(am)	JY27467T25B64 P	Connector	MIL-DTL-38999 Series Shell Size 25, 64 Pin Contacts total: 8x Size 16, 40x Size 20, 16x Size 22D.	EA	07
(an)	JY27467T25B31 P	Connector	MIL-DTL-38999 Series Shell Size 25, 31 Pin Contacts (Size 16).	EA	07
(ap)	JY27467T25B39 P	Connector	MIL-DTL-38999 Series Shell Size 25, 39 Pin Contacts (2x Size 16, 37x Size 20).	EA	07
(aq)	JY27656T25B64 S	Connector	MIL-DTL-38999 Series Shell Size 25, 64 Socket Contacts Total: 8x Size 16, 40x Size 20, 16x Size 22D.	EA	07
(ar)	JY27656T25B31 S	Connector	MIL-DTL-38999 Series Shell Size 25, 31 Socket Contacts (Size 16).	EA	07
(as)	JY27656T25B39 S	Connector	MIL-DTL-38999 Series Shell Size 25, 39 Socket Contacts (2x Size 16, 37x Size 20).	EA	07
(at)	J16-F11M	Back shell	MIL-DTL-38999 Series I/II Strain Relief Cable Clamp / Backshell. Shell Size 25 / Entry Size 11, Aluminum Alloy with Electroless Nickel or Cadmium Plating. Straight Entry design.	EA	14
(au)	M39029/29-214	Pin Male (08)	MIL-DTL-39029/29 Pin Contact, Size 8, Crimp termination, copper alloy with 50 microinch gold plating. Accommodates 8 AWG wire size. Used in MIL-DTL-5015 / MIL-DTL-22992 rear release circular connectors.	EA	350
(av)	AMB/A-R-ACB1-BK-3A-P-0	Bus Terminator	Male Microbus MIL-STD-1553B dismountable stub load / terminator. Operating Temp: -55°C to +150°C.	EA	42

3. Delivery of Tender

(a) Technical Offer:

Technical offer should be without prices and containing all the relevant / essential specifications along with the literature / brochure. Tender / Part Case number, date of opening and the words "Technical Offer" should be clearly marked on the face of the envelope. Vendor is liable to provide technical specifications or data sheets against quoted items.

Commercial Offer:

Commercial offer should contain the unit price, GST, and the total price of the quoted items and the confirmation to the terms and conditions of our tender inquiry. Tender / Part Case number and the words "Commercial Offer" should be clearly marked on the face of the envelope.

(b) Sealed Envelopes / Address:

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.
 Tel: 051-90998598
 Fax: 057-9317476
 Email: ddlogj17apf@pac.org.pk

4. **Opening of Tender**

The quotations must be in original and are to reach at this factory at 1200 hrs. on 22 October, 2026. All quotations are to be dropped in the Scanning Room of this factory.

No quotation will be accepted in photocopy, through fax and after due date and time. Tender will be opened on 22 October, 2026 at 1230 hrs. in the presence of available representatives. We reserve the right to cancel or reject all bids / proposals at any time prior to acceptance as per PPRA rules.

5. **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 as per the following format: -

Tender S No	Part No	Noun	U/I	Qty	Unit Price			Total Price with GST
					Without GST	GST	Price with GST	

6. **Validity of offer**

The quotation should be valid for 120 days from the date of tender-opening.

7. **Delivery Period**

Store is to be delivered 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.

8. **Country of Manufacturer**

Country / place of manufacture of store is and COC are to be provided along with the quotation.

9. **Release of Payment**

Payment will be released by Accounts department APF on submission of proper bill / sales Tax invoice, copies of GST registration / Professional Tax certificates of Punjab province, proof of Active Taxpayers List (ATL) of FBR and Sales Tax Return.

10. **Acceptance of Stores**

The ordered store will be accepted as per attached terms and conditions. The store if rejected or found defective within one year from the day of delivery / commissioning will be replaced by the supplier free of charge.

11. Disqualification of Bid

Offers are liable to be rejected if: -

- (a) There is a deviation from any instruction of the tender.
- (b) Offers are found conditional or incomplete in any respect.
- (c) Multiple rates are quoted against one item or overwriting/ erasing in prices.

Yours Faithfully,



for Deputy Director Log (786-A)
Managing Director
APF PAC, Kamra
Tel No: 051-90996598

Dated: 06-10-2026

APF/LG-07

**TERMS AND CONDITIONS FOR
TENDER INQUIRY NO APF/786-A/1921/13/LP/PC-03, 04, 05 & 06 (2026-27)**

- a. Store is to be delivered at this factory (APF) on "FOR" Kamra basis.
- b. Supplier will be made responsible for warranty / guarantee of the store.
- c. Prices and catalogue is to be provided free of charge.
- d. Store should be factory new and from the current year's production.
- e. Store will be inspected by concerned user / quality control.
- f. All technical publication (wherever applicable) is to be provided free of charge.
- g. Indented store must have 01 year complete warranty. Original Warranty Card from OEM must be available inside the packing.
- h. Store will only be acceptable exactly against the part number against as per the purchase order. No in lieu part number will be acceptable on delivery without prior technical acceptance of the user.
- j. Installation / commissioning for store (if required) will be carried out by the supplier.