



PAKISTAN AERONAUTICAL COMPLEX, KAMRA AIRCRAFT MANUFACTURING FACTORY

TENDER NOTICE : OPEN TENDER
AMF/751-A/4607/LOG DATED 30 September, 2024

TO BE OPENED ON : 10 October, 2024

TENDER INQUIRY : 05

1. Sealed tenders for purchase / repair of items as per enclosed list are invited from sales tax registered Suppliers who are on Active Taxpayers List (ATL) of FBR.

Pattern of Quotations

2. The quotation shall comprise a single package containing 02 separate envelopes. Tender reference along with due date of opening and Category Number must be clearly marked. Each envelope shall contain separately, the financial proposal and the Technical proposal respectively. Each bid (financial / technical) will be on separate leaf against single line item, envelope cover must be marked with "Item name". **Quotations with multiple line items on single page will be dropped. Quotations should be on original letter head (colour printed).** The quotations shall addressed to Managing Director AMF, PAC Kamra as per terms given below:-

(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 equivalent / 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 Sheet (TDS) and Material Safety Data Sheet (MSDS)** along with any other relevant literature by OEM are must for all Aviation Items, Chemicals, Material and Equipment. All precision 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, Date of Expiry of delivered stores. **Part Catalogues, IPBs (Illustrated Part Breakdown), 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, AMF 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 Pro 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) **Financial Offer:** It should indicate price of quoted item (**to be delivered at AMF, Kamra premises with all liabilities on Suppliers**) and confirmation to the terms and condition of AMF tender inquiry. The words "**Financial 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 financial 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 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 No SO (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 **unregistered firms with PACB** (Pakistan Aeronautical Complex Board, Kamra) will have to furnish **earnest money @ 5%** of the quoted value through **Bank Draft / CDR** in favour of **Public Fund Account AMF PAC, Kamra**. The earnest money instrument should indicate Tender reference and firm/company name. In case where the exact Quantity has not been mentioned the earnest money should be calculated against MOQ / market available standard OEM packaging. The exact bid money in this scenario will have to be furnished within 01 week of intimation of being technically accepted, lowest financial bidder. 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.

Quantity

3. Quantity can be increased / decreased at the time of order as per AMF requirement without change of financial 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.

Offer requirement / validity

- 4. The quotation should be valid if it contain under mentioned information.
 - (a) Quote Validity should be minimum **90 days** and extendable on request.
 - (b) **EDD must be available on Commercial Quote. Quotation will not be accepted without delivery period.**
 - (c) Picture and TDS must be available with technical quote.
 - (d) Separate quote for every single line item.
 - (e) Mentioning of date on commercial / technical quotes is mandatory.
 - (f) Terms & Conditions should be mentioned on commercial / technical quotes.

Delivery Period

5. **Items are to be delivered at AMF, 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, AMF 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 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 number, Batch number, date of production, date of expiry of delivered stores.**
- (d) In case of life 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 AMF.
- (f) Supplier will be made responsible for **warranty / guarantee** of newly purchased items **at least one year or maximum possible.** 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 repair / replacement (which applicable) at AMF Kamra premises bearing all liabilities.
- (g) All repair works / services will **INVARIABLY** be under at least **06 months warranty**, unless contracted otherwise and depends upon case to case basis.
- (h) **Part Catalogues, IPBs (Illustrated Part Breakdown), 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 AMF karma, for at least 03 years.
- (l) AMF 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 AMF.
- (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. mobile no. email & postal address must be mentioned).
- (q) All quotations, bids, clarifications, queries, correspondence and product will be kept strictly confidential.

Release of Payment

7. Payment will be released by Dte of Budget and Accounts, AMF 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 are to be received after successful acceptance of delivered stores by user and upon furnishing of requisite documentation. 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 AMF, 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.

Terms and Conditions

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.

Clarifications of Queries

9. Queries if any may be cleared by contacting **051-90995372**.

Rejection

10. Offers are liable to be rejected if:

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

Delivery of Tender

11. **Each quotation (financial / 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, AMF with **tender Inquiry number and opening date**.

Assistant Director Local Purchase (JF-17)

Aircraft Manufacturing Factory,
Pakistan Aeronautical Complex, Kamra
District Attock

Opening of Tender

12. The quotations must be in original and are to reach at this factory by **1100 Hrs** on **10 October, 2024**. All quotations are to be dropped in the tender box placed at the Local Purchase Section, AMF. 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's conference room / DD Log JF-17. AMF 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.

Yours Faithfully,



(QAZI M AHMAD JAN)

for
Flying Officer
Managing Director
AMF, PAC Kamra

AMF QUALITY SYSTEM REQUIREMENTS

Following are the requirements to be satisfied by the Supplier (External Provider) / Sub-Contractor (Local Vendor) of AMF:-

1. The processes, products, and services to be provided including the identification of relevant technical data (e.g., specifications, drawings, process requirements, work instructions).
2. The approval of products and services, methods, processes, equipment, and the release of products and services.
3. Provide inspection and testing criteria for acceptance by AMF.
4. Notify AMF about non-conformance product or material supplied.
5. Obtain approval from AMF of changes in product / process.
6. Access by AMF, its customers and regulatory authorities be ensured to applicable areas of all facilities involved in the order and to all applicable records at any level of the supply chain.
7. Provide Objective evidence of the quality of product.
8. To ensure product conformance to specified requirements.
9. To provide manufacturing date and Lot number.
10. To provide shelf life and expiry date as applicable
11. Competence, including any required qualification of persons.
12. The external providers' interactions with the organization.
13. Control and monitoring of the external providers' performance to be applied by the organization.
14. Verification or validation activities that the organization, or its customer, intends to perform at the external providers' premises.
15. Supplier (External providers) apply appropriate controls to their direct and sub-tier Suppliers (external providers), to ensure that requirements are met.
16. Design and development control.
17. Special requirements, critical items, or key characteristics.
18. Test, inspection, and verification (including production process verification).
19. The use of statistical techniques for product acceptance and related instructions for acceptance by the organization.
20. To provide Material / Metallurgical test reports along with raw material for traceability through Lot / Batch No. External Provider will also provide date of manufacture of provided Lot / Batch No of raw material.
21. The need to:
 - (a) Implement a Quality Management System.
 - (b) Use customer-designated or approved external providers, including process sources (e.g., special processes).
 - (c) Notify the organization of nonconforming processes, products, or services and obtain approval for their disposition.
 - (d) Prevent the use of counterfeit parts.
 - (e) Notify the organization of changes to processes, products, or services, including changes of their external providers or location of manufacture, and obtain the organization's approval.
 - (f) Flow down to external providers applicable requirements including customer requirements.
 - (g) Provide test specimens for design approval, inspection/verification, investigation, or auditing.
 - (h) Retain records (documented information), including retention periods and disposition requirements.
22. Ensuring that persons are aware of:
 - (a) Their contribution to product or service conformity.
 - (b) Their contribution to product safety.
 - (c) The importance of ethical behavior.

AMF/751-A/4607/LOG (PC-05) DATED 30 September, 2024

S No	Part No	Noun	Qty	UI	Section	Remarks
1	B/AZD-1	HYDRAULIC JACK	9	SET	Final Assembly (103)	
2	9219985	UNIVERSAL ROTORY BOLT HOLE FISCHER PROBE (ET)	1	EA	Central Lab JF-17	Universal Rotary Bolt Hole 4 pin Fischer Probe <ul style="list-style-type: none"> ● Diameter : (0.5) inch / (12.7) mm ● Frequency range : 100 KHz~2 MHz ● Working length : 2 inch (50mm) ● Manufacturer : Olympus / Aerofab, USA ● Probe must be compatible with Minimite Scanner Part No 9020266.04 & Eddy Current Tester Nortec 2000S+ made by Olympus USA
3	0.47F-5.5V	CELL FOR MILLIPORE ELIX-10	1	EA	Central Lab JF-17	<ul style="list-style-type: none"> ● Cell must be compatible with Millipore Elix-10 de-ionized water production equipment
4	34807/34840	HYDRANAL COULOMET A+COULOMET CG (HONEYWELL FLUKE)	1	KIT	Central Lab JF-17	<ul style="list-style-type: none"> ● Kit must include Reagents Hydranal "Coulomat A and Coulomat CG" ● MSDS & CoC required ● Made by Honeywell Fluka ● Minimum remaining shelf life = 75% of original life
5	ADOPTOR1	ADOPTOR	2	EA	Central Lab JF-17	<ul style="list-style-type: none"> ● Input : (100~240)V, (50~60) Hz, 200mA ● Ouput: 15V

S No	Part No	Noun	Qty	UI	Section	Remarks
						<ul style="list-style-type: none"> ● Model: 153045 ● AC/DC Adoptor
6	ARDROX-9703	FLUORESCENT PENETRANT	30	GLN	Central Lab JF-17	<ul style="list-style-type: none"> ● Made by Chemical USA ● MSDS & CoC required
7	JT2X0.22MFA-MFAD.2.7DIN	J-TYPE THERMOCOUPLE CABLE	500	MTR	Central Lab JF-17	<ul style="list-style-type: none"> ● Diameter (Positive & Negative wires with insulation) = 1.05MM ● Overall Diameter with insulation = 2.7MM ±0.2MM ● Temperature range = (-200 ~ +250)°C ● Accuracy = ±1.1°C or ±0.4% ● Number of Conductors = 2 ● Formation = 7x0.20 ● Layup = twisted conductors ● Applicable Standards = ASTM E230 & DIN 43714 ● Insulation = Fluoropolymer type Hyflon MFA ● Insulation could not burn at 250°C ● Colour of thermocouple wire must comply with International standards (Positive-red Negative-blue Overall- blue) ● Documents required= OEM calibration certificate & Conformance Certificate ● Acceptance criteria = Cable will be accepted after calibration at PAC

S No	Part No	Noun	Qty	UI	Section	Remarks
8	RFRTDTEMP2000A	WIRELESS RTD TEMPRATURE DATA LOGGER	2	EA	GRP JF-17	
9	21IBM/AMF-296	SCANNER HP SCAN JET	1	EA	Log Sqn JF-17	
10	XK06-044-00002	BATTERY SACREDSUN 12V 100 AH	8	EA	PAC Comm Centre	
11	531014730	BLADDER TYPE ACCUMULATOR	1	EA	PMI (JF-17)	
12	003N4100	PRESSURE OPERATED WATER VALVE	1	EA	PMI (JF-17)	
13	2710-2-0540-1	PNEUMATIC CYLINDER	6	EA	PMI (JF-17)	
14	51120M	STAINLESS STEEL PICKLING PASSIVATION LINE	1	SET	PMI (JF-17)	Specification attached
15	8661114H07	MOTOR BRAKE ASSY	2	EA	PMI (JF-17)	
16	BBF-HDA-2525	HDA SERIES AC SERVO DRIVE	1	EA	PMI (JF-17)	
17	EA50A12B8/28P6S3PR.874	TOOL RESET ENCODER (TURRET)	1	EA	PMI (JF-17)	
18	IPS-ATDY5080	ADJUSTABLE POWER SUPPLY OF TESTER	1	EA	PMI (JF-17)	
19	MKF2-KW3-10004-01-428	WILLY VOGEL GREASE LUBRICATION UNIT	2	EA	PMI (JF-17)	
20	MKL2-KW3-23041428	LUBRICATION UNIT	2	EA	PMI (JF-17)	
21	SPECTROIL/M/C-W/104B-167	SPECTROIL OIL ANALYZER	1	EA	PMI (JF-17)	
22	XPSAT5110	SAFTEY RELAY	2	EA	PMI (JF-17)	
23	XS12F3A	TEMPERATURE SENSOR (PT-100)	14	EA	PMI (JF-17)	
24	10AG/AMF-400	WORKSTATION PC BASED DIGITAL VIDEO RECORDER	2	EA	Provost Sqn JF-17	
25	AG12V100F	MAINTENANCE FREE BATTERY	3	EA	Provost Sqn JF-17	
26	33C/AMF-29	ACCETONE (ITALY)	200	LTR	Structure Built Up	
27	CENT2/6000	MAGNETIC COMPENSATION TECHNICAL BALANCE 0.01G - 6300 G	1	EA	Structure Built Up	
28	22B/492	CLOTH LEATHER KOREAN	530	MTR	TECH STORE (JF-17)	
29	71A/6830PK0000113	VALVE GAS CYLINDERS (HIGH PRESSURE)	20	EA	TECH STORE (JF-17)	
30	71A/6830PK0000114	VALVE GAS CYLINDERS (LOW PRESSURE)	20	EA	TECH STORE (JF-17)	
31	78110594	TESA DIGITAL INTERNAL MICROMETER	1	SET	W/Shop 107	
32	30CR-25MM	STEEL ROD 30CRMNSIA DIA 25MM	25	MTR	W/Shop 107	
33	33C/AMF-2	RUBBER SHEET 2MM	300	MTR	W/Shop 107	
34	A-2237-1112	SCAN MODULE ONLY (SM25-2)	2	EA	W/Shop 107	
35	A-2237-1113	SCAN MODULE ONLY (SM25-3)	1	EA	W/Shop 107	
36	A-5004-2019	STEEL BODY (DIA 0.5MM & LENGTH 20MM)	5	EA	W/Shop 107	
37	E930458001075	SHRINK FIT BLADE COVER	5	EA	W/Shop 107	
38	GXLZY2GWT/12X14X85R0.5	SPECIAL MILLING CUTTER	20	EA	W/Shop 107	
39	IX30	CONTAINER (NITROGEN LIQUID 30 LTRS)	1	EA	W/Shop 107	
40	WBG030102L-CP500	BORING INSERT	50	EA	W/Shop 107	
41	ISOVC406	HYDRAULIC OIL46	624	LTR	W/Shop 109	
42	MED-50	ELECTRICAL AXIL BLOWER 48 INCH	2	EA	W/Shop 110	
43	SBR227(22X20)	MANDREL WHEEL	20	EA	W/Shop 52	
44		Close Circuit Camera with accessories	8	EA	FTC	
45		Computing Machines with accessories	3	EA	FTC	
46		Computing Device with accessories	3	EA	FTC	
47		Processing Equipment with accessories	3	EA	FTC	

S No	Part No	Noun	Qty	UI	Section	Remarks
48		Data Machines with accessories	2	EA	FTC	
49		Continuous Power Supply box	11	EA	FTC	
50		Paper busting Equipment	2	EA	FTC	
51		Precis Duplicator B&W HD	1	EA	FTC	
52		Precis Duplicator Coloured	1	EA	FTC	
53		Training panel v7.5	1	EA	FTC	
54		Coffee Mixer	1	EA	FTC	
55		Coffee Mixer Heavy duty	1	EA	FTC	

The detailed scope of work / Diagnosis is as under.

Part No	Noun	DEFECT REPORT / SCOPE OF WORK	
		Category of Work	Detailed Specifications
51120M	STAINLESS STEEL PICKLING PASSIVATION LINE (111-31-6)	Fault	PVC lining is U/S and to be replaced with new PVC lining.
		Tank Dimensions	Length = 3000 mm Width = 800 mm Depth = 1500 mm
		Material of Tank	Mild Steel of 4~5 mm thickness
		Internal Lining of Tank	PVC of 3-4 mm thickness covering complete tank dimensions of 3000mm x 800mm x 1500mm
		Requirements for PVC Sheet	PVC sheet for internal lining should be resistant to the following chemicals: Nitric Acid (HNO ₃) of 98% purity (having composition 50 to 60% of total tank volume)
		Process Temperature	Process takes place at Room Temperature
		Post Rectification Serviceability Checks	(a) Water leakage test for at least 72 hours (b) Leakage test with complete chemical composition for at least one week
		Warranty	One year
<p>• NOTE: Technical representative / representatives of vendor is / are to visit AMF for understanding the function of machine and to discuss the modalities regarding machine repair and subsequent functional check of above said machine.</p> <p>Supplier must submit a certificate, duly countersigned by DCE PSG, AMF, that physical survey of existing machine has been carried out and complete scope of work has fully been understood prior to submission of proposal</p>			