

**PAKISTAN AERONAUTICAL COMPLEX, KAMRA
AIRCRAFT MANUFACTURING FACTORY
TENDER NOTICE**

Tender No	AMF/LP(LA)/PC-10 DATED 30 September, 2023
Opening Date	14 November, 2023

TERMS AND CONDITIONS

1. Sealed tenders are invited from sales tax registered Suppliers who are on Active Taxpayers List (ATL) of FBR for the Purchase / Repair of the following items: -

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 financial proposal and the Technical proposal respectively. **Each bid (financial / technical) shall be on separate leaf against single line item**, envelope cover must be marked with "Item name", addressed to **Assistant Director Local Purchase Aircraft Manufacturing Factory, Pakistan Aeronautical Complex, Kamra Distt Attock**

(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 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 precision measuring equipment must be quoted with provisioning of fresh **calibration certificate**. Spectrometric analysis report against raw material / hard ware 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 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, 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 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) 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 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 @ 5%** of the quoted value through **crossed Cheque / bank draft** in favor 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.

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.

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 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, 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, date of expiry of delivered stores.**
- (d) In case of lified 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 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 AMF 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 AMF karma, for at least 03 years.
- (m) AMF reserves the right to visit / inspect any premises of supply chain against required / offered products.
- (n) 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.
- (p) 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.
- (q) 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).
- (r) 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, 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.

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 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.

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 051-9099-5281 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 (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

Aircraft Manufacturing 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 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 DD LP office. 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,

(MUHAMMAD RAZA)
Squadron Leader
for Managing Director
AMF PAC, Kamra
Tel No. 051-9099-5281

**NOTE: - THIS TENDER ADVERTISEMENT IS ALSO AVAILABLE ON
www.pac.org.pk.**

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.

S. No	Part No	Noun	Qty	Remarks / Specifications
1	6350/PK-000-1270	Walk Through gate with accessories	Ea-05	<p>Portable Dimensions : Around 37"x23"x26"</p> <p>Maximum Weight : <87 lbs. (42kg)</p> <p>Temperature : -20 Degree C to +60 Degree C</p> <p>Relative Humidity : Should be 95% Non-Condensing</p> <p>1. Programmable Memory should have the following user friendly features :-</p> <p>(a) Universal Power Adapter / charger</p> <p>(b) Adaptor Kit</p> <p>(c) Environmentally sealed key pad with security access control</p> <p>(d) Brilliant LED Bar Graph indicates Target Strength</p> <p>(e) Lighted Display M Scope Configuration</p> <p>(f) Memory feature stores setting for Multiple operating environment</p> <p>(g) Multi Mode Traffic Counter</p> <p>(h) Adjustable Volume Control</p> <p>(j) Indoor Use</p> <p>(k) Outdoor use with appropriate canopy to cater for extreme temperature and rain</p> <p>(l) AC adapter and recharge kit with battery</p> <p>(m) Operates on rechargeable batteries for > 40 hours</p> <p>(n) Multiple units work within close proximity to one another</p> <p>2. Other Features</p> <p>(a) Portable and paramount security</p> <p>(b) Assembled / dissembled by single person without tools</p> <p>(c) Minimum three sensor zones with brilliant LED Detection indicators</p> <p>(d) Head to Toe , zone specific detection</p> <p>(e) 100 levels of sensitivity</p> <p>(f) Factory and user definable presets</p> <p>(g) Access Menus / password protection</p> <p>(h) Brilliant LED Bar Graph indicates target strength</p> <p>(j) Multiple Units may works with in close proximity</p> <p>(k) Carrying as portable Trolley</p>
2	CNU-317	Bomb Container	Ea-02	<p>Blasting Bomb Container can be used directly as a trash strategically placed where parcel bombs can be dropped are used directly as a containment system with clear pictograms.</p> <ul style="list-style-type: none"> o Height : 850-900mm o Outside diameter : 400-500mm o Thickness of container wall : 18-19mm o Weight (Approx.) : 50-60 Kg o Blastic protection : Volt: 42-50 at 480m/s o Shelf Life : 20-25 years o Colour : Black / Orange
3	1B/AMF-1323	Boroscope	Ea-01	<p>Camera</p> <p>1. Pixels : 712x486 (NTSC)</p>

				<ol style="list-style-type: none"> 2. Transmission Frequency : 2.4 G Hz 3. Transmission Range : 32ft (10m) unobstructed view 4. Viewing Direction : viewing Angel 45 Degree C 5. Focus Distance From Object : 5.9” to 9.8” (15 to 25 cm) 6. Shaft Diameter : 9mm 7. Working Length : 36” (0.9m) 8. Minimum bend radius : 2.36” (60mm) 9. Handle dimensions : 7.3 z 5.7 z 1.6” (186x145x41mm) 10. Weight : 18.7 oz (530g) <p>MONITOR</p> <ol style="list-style-type: none"> 11. LCD screen type : 3.5” TFT 12. Pixels : 320 x 240 13. Video output Level : 0.9 to 1.3 V@75Ω 14. Frame Rate : 10,15,20,25,30 FPS 15. Video Resolution : 960 x 240 (avi format) 16. Image Resolution : 640 x 480 (jpeg format) 17. Monitor Dimension : 3.9 x 2.7 x 1” (100x70x25mm) 18. Operating / Charge time : 1.5 hours / 3 hours 19. Weight : 4.9 oz. (140g)
4	IC-V82	Wallkie Talkie	Ea-09	<ol style="list-style-type: none"> 1. Model : PD 788 G 2. Type : VHF Versatile digital portable tow way radio with built in encryption 3. Frequency Range : 136-174 MHZ 4. Power : 1 W 5 W 5. Channel Capacity : 1024 Channels 6. Make : Hytera / HYT 7. Origin : China <p>8. Accessories (i. LI-ION Battery 2000 MAH ii. Power Adaptor iii. MCU Rapid rate charger iv. Belt v. clip vi. Hand Free).</p>
5	4710-88-600-1041	Firing Simulator	Ea-01	<p align="center">COMPUTER & SOFTWARE</p> <p>Professional Grade CPU & Hardware</p> <ol style="list-style-type: none"> 1. Window OS 2. Microsoft Office 3. Light Weight flat panel LCD instructor Monitor 4. Ti's Scenario creation & editing interface 5. Ti's Instructor interface for complete scenario control & debrief 6. Keyboard , optical mouse & all necessary wires , cables connectors 7. Full warranty – includes 24/7 technical support & loaner system <p align="center">MULTIMEDIA SPECIFICATION</p> <ol style="list-style-type: none"> 8. High – quality surround sound 9. HD projection screen 10. Low light & adjustable light conditions 11. Automatic self-calibration with sub-pixel accuracy 12. Environmental control option: light Bar , Strobe light , Fog machine , Wind <p align="center">SCENARIOS</p> <ol style="list-style-type: none"> 13. 800 + Pre loaded scenario library

				<p>14. Skill builder shooting drills 15. Scenario updates for the life of system 16. High Def video quality 17. True distance # 8482 ; Stereoscopic 3D technology 18. Capable of creating scenario playlist with save & Recall function</p> <p style="text-align: center;">DIEBRIEF SPECIFICATION</p> <p>19. Zoom – in control during debrief 20. Picture in picture capability (PIP) 21. Customizable Trainee report generator 22. Slow – motion , Pause , Frame forward , Frame back controls for debrief replay</p>
6	B1/1055-2ZO-101-4266	Multi Grenade Launcher	Ea-01	<p>1. Caliber = 40mm 2. Type = multi short revolver 3. Capacity = 06 rounds 4. Firing method = semi-auto 5. Practical firing rate = 06 rounds in less than 03 sec 6. Barrel type = Progressive with 1 in 1200mm final twist 7. Overall length / butt extended/retracted =755/675mm 8. Weight(empty) = 6.2 Kg w/o sight / 6.5 Kg with standard sight 9. Effective range = 375 Mtr 10. Pica tinny rail = standard configuration ships with 1 X rail for easy sight mounting 11. Slandered sight = Milkor occluded eye gun sight</p>
7	1055/PK0011399	RPG-7 Launcher	Ea-01	<p>1. Caliber of RPG 7 = 40mm 2. Caliber of Grenade= 85mm 3. Length of RPG7 =950mm 4. Length of round =925mm 5. Length of grenade = 640mm 6. Missile velocity = 120 m.p.s 7. Missile velocity of grenade = 300 m.p.s 8. Point Blank Range = 330 m 9. Max aimed range = 500 m 10. Armor penetration = 300 mm 11. Rate of fire = 4-6 rounds per minutes 12. Weight of RPG7 with telescopic sight = 6.3 Kg 13. Weight of round = 2.2 Kg 14. Weight of grenade = 1.8 Kg 15. Weight of carrier with 2 SPTA set = 7.15 Kg 16. Weight of carrier with 3 rounds = 9.3 Kg 17. Shipping Volume = 0.21 m³</p>
8	2B/AMF-10	Fabricated Guard Post	Ea-05	<p>1. Ballistic Protection. 5-sides of the guard cabin are bullet resistant with protection level B6 or B7.Roof: Confirming to B6 or B7 level, Wall Panels: Confirming to EN1063 86 level against 7.62x51 ammunition! B7 level against 7.62x54 AP ammunition.</p> <p>2. Roof & Base Floor. Exterior: EN1063 86 or 87 level bullet resistant galvanized steel, covered with heat insulating & warning-keeping GRC material. Interior ceiling: coated veneer with smooth flat surface. Base Floor will be constructed on galvanized steel framed</p>

				<p>comprised of aluminum treat plate finished floor.</p> <p>3. Wall Panels (Front, Back, Left & right). Exterior: EN1063 B6 or 87 level bullet resistant, galvanized steel Interior Finish: coated veneer with smooth flat surface.</p> <p>4. Frame Construction. Mechanical tube framing as supports, with all joints welded.</p> <p>5. Ballistic Glass. Window: Upper side of front, left & right wall panels, Bullet resistance: EN1063 B65 or 87 level. Glass framed using steel I <i>aluminum</i> framing system.</p> <p>6. Doors. Opening / closing on the right wall panel, EN 1063 B6 level bolt resistance. Switches of light & exhaust fan on the side door.</p> <p>7. Electrical. 220 V electrical cabinet installed on the bottom of back panel, 2 electrical outlets on the middle bottom of front panel. Monitor & spot light on the top of the both.</p> <p>8. Ventilation. 2 air-intake: on the lower part of front panel with shutter. 1 exhaust fan: close to the inside of front panel.</p> <p>9. Accessories & lightning. Telephone line: connected and besides the electrical out let, working counter: close to the inside of front panel , 2x 220V * 28W lighting on the Ceiling.</p> <p>10. Air Conditioner. 2500W-cooling capacity; 4000w heating capacity.</p> <p>11. Gun Ports. Gun port on the four side of the booth.</p>
9	BP/G/AMF-001	Security Protective Sheet (2x3 Feet) With Frame	Ea-05	<p>A heavy anti-ballistic / bullet proof glass designed to block and explosive damage. The Security protective shield (with stainless steel hard frame) can be used at static watch towers to stop attack. The security protective glass sheet will easily stop small projectile as the rate of fire 175 minimum and maximum 250.</p> <p>1. Standard.= EN-BR7 2. Ammunition Resistance Capacity= Minimum 7.62 MM X 51 3. Type= KE 4. Velocity Resistance= 830 M/Sec 5. Shoot Spacing = 3@ 120MM Triangle 6. Temperature Resistance = 05-55 C°</p>

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