

PAKISTAN AERONAUTICAL COMPLEX, KAMRA MIRAGE REBUILD FACTORY

TENDER NOTICE : OPEN TENDER

Tender Reference	:	MRF/Log/24-25/OT-6
Tender No	:	OT-6
Publishing Date	:	26 November, 2024
Last Date of submission of bids	:	11 December, 2024 (1000 Hrs)
Opening Date & Time	:	11 December, 2024 (1100 Hrs)

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 (color printed)**. The quotations shall be addressed to Managing Director MRF, 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** (where applicable), **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. **Unit of issue** must be same as mentioned in tender notice. 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 MRF, Kamra premises with all liabilities on Suppliers**) and confirmation to the terms and condition of MRF 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 favor of **Public Fund Account MRF 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 MRF 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. Quotations with less validity will be rejected.
 - (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 MRF, 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, MRF 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 MRF.
- (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 MRF 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 MRF karma, for at least 03 years.
- (l) MRF 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 MRF.
- (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, MRF 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 MRF, 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 **051-90994414, 90994727**.

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 **BLACKLISTED / UNDER EMBARGO / DELISTED** 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 Indigenous Provisioning office, MRF with **tender Inquiry number and opening date**.

Officer Incharge
Indigenous Provisioning
Mirage Rebuild 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 **1000 Hrs on 11 December, 2024**. All quotations are to be dropped in the tender box placed at the MRF Guard Room. No quotation will be accepted in photocopy, through Fax and after due date and time. Tender will be opened on **same day at 1100 Hrs** in the presence of witnessing officers and available representatives of the firms in O i/c Indigenous Provisioning. MRF 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. Details of requirements are as follows: -

“Vacume Furnac, Flexible Container, Ptz Ip Camera 2mp Day And Night View Ir, Sealing Compound (C030) , Corrosion Inhiabitor (C343), Adhesive, Zok-27 (C228), Corrosion Inhibitor (C551), Primer T7471 (C360), Sealant (C429), Pilot Seat, Co-Pilot Seat, Jump Seat, Fwd Decoration Panal, Partitation Panal, Entrance Furnishing Panal, Rear Furnishing Panel, Lefr Side Furnishing Panel, Right Side Furnishing Panel, Upper Front Furnishing Panel, Upper Front Furnishing Panel, Coat Room Furnishing Roof, Right Front Furnishing Roof, Left Rear Furnishing Roof, Right Rear Furnishing Roof, Front Furnishing Panal, Fwd Panel Assy Cockpit, Passenger Compartment, Upper Furnishing Panal, Co-Pilot Panal Assy Cockpit, Left Panal Assy Cockpit, Rear Cabin Panel, Toilet Comp Panel, Front Panel Decoration, Rear Panel Decoration, Left Cabin Panel, Left Installation Shade, Right Installation Shade, Rear Installation Shade, Frame 7 Panel, Frame 8 Panel, Frame 11 Panel, Frame 11 Panel, Frame 17 Panel, Frame 19 Panel, Clip, Polish, Interier Cleaning, Stud, Mineral Oil, Hyd Fluid, Adhesive, Aliphatic Naptha Grade C Or F, Loctite, Sealeant, Sealent, Connector, Connector, Nislip, Hand Pump, Office -Work Pc Core I5 With Full Accessories, Ab Flex, Fixture, Nisilip, Powder Plasma, Portable Air Compressor Multi Stg, T56 : Power Control Rod, Corrundum1250, Binoculars, White Corundum, Air Compressor, Trichloroethylene, Computer Core I5 Or Higher, Sign Board.”

13. List of items can also be downloaded from PPRA website www.ppra.org.pk and as well as PACB website www.pac.org.pk free of cost or can be collected from DTE of Log (LP Section) MRF PAC Kamra Distt Attock from **27 November, 2024** during working hours (except holidays).

Yours Sincerely,



(KASHIF NAVEED FALAK)

Squadron Leader
Managing Director
MRF, PAC Kamra

for

MRF QUALITY SYSTEM REQUIREMENTS

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

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 MRF.
4. Obtain approval from MRF of changes in product / process.
5. Provide Objective evidence of the quality of product.
6. To ensure product conformance to specified requirements.
7. To provide manufacturing date and Lot number.
8. To provide shelf life and expiry date as applicable
9. Competence, including any required qualification of persons.
10. The external providers' interactions with the organization.
11. Control and monitoring of the external providers' performance to be applied by the organization.
12. Verification or validation activities that the organization, or its customer, intends to perform at the external providers' premises.
13. Supplier (External providers) apply appropriate controls to their direct and sub-tier Suppliers (external providers), to ensure that requirements are met.
14. Design and development control.
15. Special requirements, critical items, or key characteristics.
16. Test, inspection, and verification (including production process verification).
17. The use of statistical techniques for product acceptance and related instructions for acceptance by the organization.
18. 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.
19. 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.
20. 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.

MRF/Log/24-25/OT-6 Date of Publishing 26 November, 2024 Last Date of Bids Submission 11 December, 2024

S No	Part No	Noun	Qty	UI	Remarks / Specifications
1	6.0VP-4066/48MHV	Vacuum Furnace	As Req	LTR	Replacement of qty-02 power cont of u/s hot zone of furnace. Replacement of IO device in PLC available at shop floor, installation required only. Complete serviceability to be done on turnkey basis.
2	480485	Flexible Container		BTL	As per sample
3	NEZ-5230-IRCW4	PTZ IP Camera 2mp Day And Night View IR			As per attached list
4	AMS-S-8802CTYPEIICLASSBGR	Sealing Compound (C030)		EA	AMS-S-8802C Type II, Class B, Grade 1/2
5	ARDROXAV15	Corrosion Inhibitor (C343)			ARDROX AV15
6	LOCTITE290FL50ML	Adhesive			Loctite 290
7	MIL-PRF-85704	Zok-27 (C228)			MIL-PRF-85704
8	ARDROXAV40	Corrosion Inhibitor (C551)			ARDROXAV40
9	MIL-S-22473EGRADETFOMR	Primer T7471 (C360)			MIL-S-22473EGRADETFOMR
10	LOCTITE569	Sealant (C429)			LOCTITE569
11	262-1	Pilot Seat		LTR	Pilot seat cushion and arm rest cushion replacement required with new lather covers, Seat locking mechanism rectification to be c/out.
12	263-2	Co-Pilot Seat		BTL	Refurbishment of co-pilot seat with aviation standard pure leather and replacement of co-pilot seat cushion with aviation standard fire proof foam.
13	MY20769-10-1	Jump Seat			Refurbishment of jump seat with aviation standard pure leather and replacement of jump seat cushion with aviation standard fire proof foam.

14	MY20712-AGA	Fwd Decoration Panel	As Req	EA	Refurbishment of FWD decoration panel with aviation standard Formica replacement and polishing.
15	MY20712-VGA	Partition Panel			Refurbishment of partition panel with aviation standard Formica replacement and polishing. Installation of new hinges.
16	MY20712-41	Entrance Furnishing Panel			Refurbishment of entrance furnishing panel with aviation standard pure leather and replacement stud installation.
17	MY20712-05	Rear Furnishing Panel			Refurbishment of rear furnishing panel with aviation standard pure leather and replacement of aviation standard fire proof foam.
18	MY20712-18	Left Side Furnishing Panel			Refurbishment of left side furnishing panel with aviation standard pure leather and replacement of aviation standard fire proof foam.
19	MY20712-20	Right Side Furnishing Panel			Refurbishment of right side furnishing panel with aviation standard pure leather and replacement of aviation standard fire proof foam.
20	MY20712-22	Upper Front Furnishing Panel			Refurbishment of upper front furnishing panel with aviation standard pure leather and replacement of aviation standard fire proof foam.
21	MY20712-21	Upper Rear Furnishing Panel			Refurbishment of upper rear furnishing panel with aviation standard pure leather and replacement of aviation standard fire proof foam.
22	MY20712-06	Coat Room Furnishing Roof			Refurbishment of coat room furnishing panel with aviation standard pure leather and replacement of aviation standard fire proof foam.
23	MY20712-02	Right Front Furnishing Roof			Refurbishment of right front furnishing roof with aviation standard pure leather and replacement of aviation standard fire proof foam.

24	MY20712-24	Left Rear Furnishing Roof	As Req	EA	Refurbishment of left rear furnishing roof with aviation standard pure leather and replacement of aviation standard fire proof foam.
25	MY20712-19	Right Rear Furnishing Roof			Refurbishment of right rear furnishing roof with aviation standard pure leather and replacement of aviation standard fire proof foam.
26	MY20850-17	Front Furnishing Panel			Refurbishment of front furnishing panel with aviation standard pure leather and replacement of aviation standard fire proof foam.
27	MY20712	Fwd Panel Assy Cockpit			As per sample
28	MY20712ALD	Passenger Compartment			
29	MY20712-13	Upper Furnishing Panel			
30	MY20712-15	Co-Pilot Panel Assy Cockpit			
31	MY20712-25	Left Panel Assy Cockpit			
32	MY20850-10810	Rear Cabin Panel			
33	MY20850-10990	Toilet Comp Panel			
34	MY20850-13820-2	Front Panel Decoration			
35	MY20850-13840	Rear Panel Decoration			
36	MY20850-20990	Left Cabin Panel			
37	MY20701-30-AAA	Left Installation Shade			
38	MY20701-30-AAB	Right Installation Shade			
39	MY20701-30-AAC	Rear Installation Shade			

40	MY20712-AFA	Frame 7 Panel	As Req	EA	As per sample
41	MY20712-ABA	Frame 8 Panel			
42	MY20712-ABB	Frame 11 Panel			
43	MY20712-AHA	Frame 15 Panel			
44	MY20712-AEA	Frame 17 Panel			
45	MY20850-21-1AAA	Frame 19 Panel			
46	212	Clip			
47	14952H	Polish			
48	NETAL2050	Interior Cleaning			
49	ATP2030C	Stud			
50	LPS3-16	Mineral Oil			
51	OM-15	Hyd Fluid			
52	EC1300L	Adhesive			
53	ALIPHATICNAPTHAGRADEC/F	Aliphatic Naphtha Grade C Or F		LTR	
54	SF-7200	Loctite		LTR	Required in 400ml bottle
55	PR1422A2	Sealant		KIT	Required in tubing/injection type
56	PR1422B2	Sealant			PR1422B
57	S62PH2	Connector		EA	As per sample
58	MS3106K12S3S	Connector			

59	NISLIP520A	Nislip	As Req	GL	As per sample	
60	Q-01	Hand Pump		EA		As per attached specs
61	PC-COREI5-2023	Office -Work Pc Core I5 With Full Accessories				Office -Work Pc Core i5 With Full Accessories
62	RES-01-5005	Ab Flex				
63	6796889	Fixture		GL		As per sample
64	NISLIP520B	Nisilip				
65	METCO-308-NS	Powder Plasma			LBS	
66	PK75250	Portable Air Compressor Multi Stg			EA	
67	L23905	T56 : Power Control Rod		EA		Required to be imported from OEM of Test cell (Ms Cenco Saffron Belgium). Import certificate and OEM Sales invoice also required.
68	093-997-422-1	Corrundum1250		BG		Abrasive of 1.000 to 1.600 mm(0.039 to 0.063 in) granular Grade Composition :- Alumina 94% min, Titanium 2.5% min, Iron Oxide 0.2% max, Silica 0.1% max
69	5350PK2710002	Binoculars		EA		As per sample
70	P-906	White Corundum		BG		Abrasive of 0.250 to 0.500 mm(0.10 to 0.020 in) granular form Composition :- Alumina 99% min, Silica 0.1% max
71	30TE25	Air Compressor		EA		1. Air compressor with dryer 2. Comp air, Ingersoll-rand or equilant 3. Range 200 to 250 psi/480 to 520 CFM 4. Provided 02 years Warranty after commissioning of machine at MRF
72	093-997-483-1	Trichloroethylene		3080	Kg	As per sample

73	21B/100	Sign Board	As Req	EA	As per sample
74	7021PK3590001	Computer Core i5 or Higher			Computer Core i5 or Higher

Note: - Quotations (technical and Commercial) should be for qty-01 for each item and **separate quotation for each item will be accepted only.**

S No 03 SPECIFICATION OF PTZ IP CAMERA 2MP DAY AND NIGHT VIEW IR

Outdoor Housing and Brackets, POE, 24

PTZ IP camera: 2 Mega pixel Full HD (1920 x 1080)
resolution, Full HD(1080p) image 30fps streaming, 30x
optical zoom lens (4.3 mm - 129 mm (F 1.6 - F 5.0), 16x
Digital Zoom, Min Illumination 0Lux, 180 Mtrs IR Range,
Network Protocol IPv4/6 - TCP/IP, UDP, HTTP, HTTPS,
RTP, RTSP, DHCP, ICMP, FTP, SMTP, iSCSI, APIPA,
NTP, ARP, SNMPv1/ v2c/v3, DDNS, UPnP, CHAP, digest
authentication, Web Viewer: Internet Explorer, Google
Chrome, Firefox, Encryption: TLS 1.0, SSL, DES, 3DES,
H.264 / MPEG-4 / MJPEG Multiple Streams, Intelligent
Video Analytics: Tampering, Virtual Line, Enter/Exit, (Dis)
Appear, Face Detection Network, Disconnection, 360°
Endless Pan, Tilt/Zoom, WDR, UPnP supports, Defog,
IP66, Open Protocol ONVIF Supported, SD Memory Slot,
Weatherproof Housing & Mounting Kit.

S NO 60 SPECIFICATION OF HAND PUMP

OCTOCAT®

Manual hydraulic pump

Part No : Q-01

Pump body does not leak oil, large oil storage amount

Manually suppress, give oil artifact

Shockproof pressure gauge

