

PAKISTAN AERONAUTICAL COMPLEX, KAMRA MIRAGE REBUILD FACTORY

TENDER NOTICE : OPEN TENDER

Tender reference	:	MRF/Log/24-25/OT-10
Tender No	:	OT-10
Publishing date	:	28 March, 2025
Last date of submission of bids	:	14 April, 2025 (1000 Hrs)
Opening date & Time	:	14 April, 2025 (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 favour 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. **Items are to be delivered at MRF, PAC KAMRA premises with all liabilities on Suppliers.** Store are required to be delivered by 15 May 2025. PO will be cancelled after due date. Offer with minimum delivery period are likely to be preferred. **Delivery period will invariably start from furnishing of written (provisional / firm) purchase order whichever is earlier.** Delivered store 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. **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.**

O i/c 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 **14 April, 2025**. 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: -

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 **28 March, 2025** during working hours (except holidays).

Yours Sincerely,



(RAFAY JAMAL)

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-10 Date of Publishing 28 March, 2025 Last Date of Bids Submission 14 April, 2025

S No	Part No	Noun	Qty / NET Req	UI	Shop	Remarks / Specifications
1	P-757	Protection Synthetic Oil Containing Anti-Corrosion Addieives	06	Ltr	Atar Engine	Part No : P-757 Noun : Protection Synthetic Oil Containing Anti-Corrosion Addieives
2	P-812 093-997-399-1	Transparent Protection Varnish For Electronic Circuits	02	Btl	Atar Engine	Part No : P-812 093-997-399-1 Noun : Transparent Protection Varnish For Electronic Circuits
3	P-191 093-997-458-1	General Purpose Mineral Grease	05	Ltr	Atar Engine	Part No : P-191 093-997-458-1 Noun : General Purpose Mineral Grease
4	MOB60 P0268	Assembling Paste With High Molybdenum Disulphide Content, Very High Mos2 Conecentration	05	Kg	Atar Engine	Part No : MOB60 P0268 Noun : Assembling Paste With High Molybdenum Disulphide Content, Very High Mos2 Conecentration
5	P-957	Turco Ind 79	12	Kg	Atar Engine	Part No : P-957 Noun : Turco Ind 79
6	093-997-350-1 P-407	Silicone Grease Type 44	02	Box	Atar Engine	Part No : 093-997-350-1 P-407 Noun : Silicone Grease Type 44
7	MOLYKOTEZ 093-997-196-1 P-279	Extra-Pure Molybdenum Disulphide Powder	04	Kg	Atar Engine	Part No : MOLYKOTEZ 093-997-196-1 P-279 Noun : Extra-Pure Molybdenum Disulphide Powder
8	P-100	Loctite 7400 Stop Varnish (Locking Adhesive)	06	Ea	Atar Engine	Part No : P-100 Noun : Loctite 7400 Stop Varnish (Locking Adhesive)

9	093-997-374-1 RTV860B-XY86 RTV860B+XY86 P-817 RTV860 RTV3255	Biocomponents Elastomer Rtv860b+Xy86 Or Rtv 3255+Xy86 Non Polymerized Silicone Elastomer	17	Kit	Atar Engine	Part No : 093-997-374-1 RTV860B-XY86 RTV860B+XY86 P-817 RTV860 RTV3255 Noun : Biocomponents Elastomer Rtv860b+Xy86 Or Rtv 3255+Xy86 Non Polymerized Silicone Elastomer
10	NYCOPROTECO2	Preventive Compound	08	Ltr	Atar Engine	Part No : NYCOPROTECO2 Noun : Preventive Compound
11	P-182	Natural Magnesuim Silicate	06	Bag	Atar Engine	Part No : P-182 Noun : Natural Magnesuim Silicate
12	093-997-547-1 LUBRIFLON P-732	Ptfe For Spray Polytetrafluorethyle ne Sprayed In Aerosol Ptfe Spray Of 18onc	04	Kit	Atar Engine	Part No : 093-997-547-1 LUBRIFLON P-732 Noun : Ptfe For Spray Polytetrafluorethylene Sprayed In Aerosol Ptfe Spray Of 18onc
13	093-997-451-1	Barium Cheromate	05	Kg	Atar Engine	Part No : 093-997-451-1 Noun : Barium Cheromate
14	P-829 ZR-10B	Zr10b Emulsifier Emulsifier For Fluorescent Penetrant Inspection	109	Ltr	Atar Engine	Part No : P-829 ZR-10B Noun : Zr10b Emulsifier Emulsifier For Fluorescent Penetrant Inspection
15	P-247	Megnaflux Fluorecent Magnetic Powder	02	Ea	Atar Engine	Part No : P-247 Noun : Megnaflux Fluorecent Magnetic Powder
16	093-997-624-1 P-824 ZL-60C	Zl15b Penetrent Zyglo Zl60c Penetrant	312	Ltr	Atar Engine	Part No : 093-997-624-1 P-824 ZL-60C Noun : Zl15b Penetrent Zyglo Zl60c Penetrant

17	39-502	Diamond Lubricant	05	Btl	Atar Engine	Part No : 39-502 Noun : Diamond Lubricant
18	TURCOFORMMASK522 P-776 TURCOFORMMASK522-10 093-997-289-3	Adhesive And Masking Products Turcomask522	93	Kg	Atar Engine	Part No : TURCOFORMMASK522 P-776 TURCOFORMMASK522-10 093-997-289-3 Noun : Adhesive And Masking Products Turcomask522
19	093-997-470-2 P-262	Diversy 202 product use for alkaline degreasing of almunium alloys.	50	Kg	Atar Engine	Part No : 093-997-470-2 P-262 Noun : Diversy 202 product use for alkaline degreasing of almunium alloys.
20	093-997-495-2 P-334 GARDONBONH7152	Gardobond Additive H7152	100	Kg	Atar Engine	Part No : 093-997-495-2 P-334 GARDONBONH7152 Noun : Gardobond Additive H7152
21	093-997-449-1 P-554	Turco 4409	4000	Kg	Atar Engine	Part No : 093-997-449-1 P-554 Noun : Turco 4409
22	P-1117 TURCO5948DPM	Turco 5948 Dpm Alkaline Degreasing Product By Immersion	800	Ltr	Atar Engine	Part No : P-1117 TURCO5948DPM Noun : Turco 5948 Dpm Alkaline Degreasing Product By Immersion
23	P-906	White Corundum 300 Abrasive Of 0.250 To 0.500 Mm (0.10 To 0.020 In) Granular Grade	23	Bag	Atar Engine	Part No : P-906 Noun : White Corundum 300 Abrasive Of 0.250 To 0.500 Mm (0.10 To 0.020 In) Granular Grade
24	TURCO3976 P-164	Additve For Rectifying Decarbonining Solution Turco 3976	3600	Ltr	Atar Engine	Part No : TURCO3976 P-164 Noun : Additve For Rectifying Decarbonining Solution Turco 3976

25	093-997-046-1 P-669	Adrox 2302 Product Used For Removing Paint	1700	Ltr	Atar Engine	Part No : 093-997-046-1 P-669 Noun : Adrox 2302 Product Used For Removing Paint
26	093-997-291-1 P-154	Turco 4181	3400	Kg	Atar Engine	Part No : 093-997-291-1 P-154 Noun : Turco 4181
27	P-136 093-997-342-1	Abrasive of 0,040 to 03090 mm (0.0016 to 0.0035 in.) Granular grade	15	Bag	Atar Engine	Part No : P-136 093-997-342-1 Noun : Abrasive of 0,040 to 03090 mm (0.0016 to 0.0035 in.) Granular grade
28	093-997-422-1 P-140	Abrasive of 1.000 to 1.600 MM (0.039 to 0.063 N.) Granular grade	68	Bag	Atar Engine	Part No : 093-997-422-1 P-140 Noun : Abrasive of 1.000 to 1.600 MM (0.039 to 0.063 n.) Granular grade
29	1000300 093-997-566-1 P-3219	Metco443ns Powder	115	Lbs	Atar Engine	Part No : 1000300 093-997-566-1 P-3219 Noun : Metco443ns Powder
30	9MB63	Electrode Assy	35	Ea	Atar Engine	Part No : 9MB63 Noun : Electrode Assy
31	P-3202 093-997-187-1	Metco Powder	16	Lbs	Atar Engine	Part No : P-3202 093-997-187-1 Noun : Metco Powder
32	P-3203	Metco 404NS	20	Lbs	Atar Engine	Part No : P-3203 Noun : Metco 404NS
33	093-997-229-1 P-174	Phenolic Varnish Pk 160 Phenolic Varnish	02	Gl	Atar Engine	Part No : 093-997-229-1 P-174 Noun : Phenolic Varnish Pk 160 Phenolic Varnish
34	093-997-079-1 P-562	Bolicone 36081 Aluminium Pigment Silicone Paint	10	Kg	Atar Engine	Part No : 093-997-079-1 P-562 Noun : Bolicone 36081 Aluminium Pigment Silicone Paint

35	093-997-082-1 P-600	Bolicone 36118 Baryum Chromate Primer	03	Can	Atar Engine	Part No : 093-997-082-1 P-600 Noun : Bolicone 36118 Baryum Chromate Primer
36	093-997-083-1 P-601	Bolicone 36121 Aluminium Pigmented Silicone Paint	11	Kg	Atar Engine	Part No : 093-997-083-1 P-601 Noun : Bolicone 36121 Aluminium Pigmented Silicone Paint
37	093-997-262-1 P-682	Sermetal 622 Aluminium Alloy Paint With Mineral Binder	04	Kit	Atar Engine	Part No : 093-997-262-1 P-682 Noun : Sermetal 622 Aluminium Alloy Paint With Mineral Binder
38	093-997-489-1 SELENOXF525 P-577	Selenox F525 Glycerophtalic Varnish	03	Kg	Atar Engine	Part No : 093-997-489-1 SELENOXF525 P-577 Noun : Selenox F525 Glycerophtalic Varnish
39	093-997-500-1 P-720	Sermaseal 570a Finish Paint With 2- Components Mineral Binder	05	Kit	Atar Engine	Part No : 093-997-500-1 P-720 Noun : Sermaseal 570a Finish Paint With 2-Components Mineral Binder
40	093-997-127-1 P-730A	Paint LFG 304	25	Kg	Atar Engine	Part No : 093-997-127-1 P-730A Noun : Paint LFG 304
41	093-997-300-1 P-197 AIR3565A1K NYCO65	Pure Mineral Petrolatum Mineral Petrolatum	34	Box	Atar Engine	Part No : 093-997-300-1 P-197 AIR3565A1K NYCO65 Noun : Pure Mineral Petrolatum Mineral Petrolatum
42	093-997-234-1 P-769	Loctite 589 monocomponents locking product also known as loctite AA.	05	Can	Atar Engine	Part No : 093-997-234-1 P-769 Noun : Loctite 589 monocomponents locking product also known as loctite

43	093-997-427-1 P-501	Loctite 570 Monocomponent Sealing Product Also Known As Caloretanche Loctite	05	Btl	Atar Engine	Part No : 093-997-427-1 P-501 Noun : Loctite 570 Monocomponent Sealing Product Also Known As Caloretanche Loctite
44	P-325 093-997-009-3	Acetone solvent also known as dimethylketone. Pure quality.	28	Can	Atar Engine	Part No : P-325 093-997-009-3 Noun : Acetone solvent also known as dimethylketone. Pure quality.
45	093-997-197-1 P-329	Self-Hardening Mos2 Varnish Molybedium Disulphate Varnish	23	Btl	Atar Engine	Part No : 093-997-197-1 P-329 Noun : Self-Hardening Mos2 Varnish Molybedium Disulphate Varnish
46	093-997-239-1 P-617	Thick Petrolatum Mineral Grease	22	Kg	Atar Engine	Part No : 093-997-239-1 P-617 Noun : Thick Petrolatum Mineral Grease
47	F182	Indian Stone Granature	530	Ea	Atar Engine	Part No : F182 Noun : Indian Stone Granature
48	093-997-171-1 MOLYKOTEUN MOLYKOTEUN-B01KG 093-997-171-2 P-201	Synthetic Based Compounds With Mos2 Lubrication Compound Containing Molybdeum Dispulpide And Ester Type Synthtic Substance	13	Box	Atar Engine	Part No : 093-997-171-1 MOLYKOTEUN MOLYKOTEUN-B01KG 093-997-171-2 P-201 Noun : Synthetic Based Compounds With Mos2 Lubrication Compound Containing Molybdeum Dispulpide And Ester Type Synthtic Substance
49	093-997-408-1 P-223 NYCOPROTEC04AIR1504	Air Oil 1504b Mineral Oil For Internal Protection	70	Can	Atar Engine	Part No : 093-997-408-1 P-223 NYCOPROTEC04AIR1504 Noun : Air Oil 1504b Mineral Oil For Internal Protection

50	P-760 093-997-435-1 ENDUSILD180-1K	Endusil d180 lubricatting varnish containing graphite dispersed in silicone binder and thinner.	14	Kg	Atar Engine	Part No : P-760 093-997-435-1 ENDUSILD180-1K Noun : Endusil d180 lubricatting varnish containing graphite dispersed in silicone binder and thinner.
51	093-997-048-2 ARDROX396/1-E14 P-373	Water Reoellent Oil Water Reolint Product Corrosion Innibitor	230	Ltr	Atar Engine	Part No : 093-997-048-2 ARDROX396/1-E14 P-373 Noun : Water Reoellent Oil Water Reolint Product Corrosion Innibitor
52	093-997-428-2 093-997-428-1 P-502	Loctite 307 Monocomponent Locking Product	03	Tu	Atar Engine	Part No : 093-997-428-2 093-997-428-1 P-502 Noun : Loctite 307 Monocomponent Locking Product
53	093-997-219-1 P-330	Synthetic Grease Genral Purpose Synthetic Grease	03	Kg	Atar Engine	Part No : 093-997-219-1 P-330 Noun : Synthetic Grease Genral Purpose Synthetic Grease
54	P-440 093-997-168-2	Loctite 932 Monocomponents Locking Product Also Known As Loctite J	04	Btl	Atar Engine	Part No : P-440 093-997-168-2 Noun : Loctite 932 Monocomponents Locking Product Also Known As Loctite J
55	P-575 093-997-270-1	Rhodorsil Paste 7 Silicone Compound For O Ring Assembly	01	Box	Atar Engine	Part No : P-575 093-997-270-1 Noun : Rhodorsil Paste 7 Silicone Compound For O Ring Assembly
56	093-997-174-1 P-207	Molybednum Disulpidespray	03	Btl	Atar Engine	Part No : 093-997-174-1 P-207 Noun : Molybednum Disulpidespray
57	P-877	Silastic 744 Rtv Monocomponents Silicone Compound Ready For Use.	03	Ea	Atar Engine	Part No : P-877 Noun : Silastic 744 Rtv Monocomponents Silicone Compound Ready For Use.

58	093-997-352-1 P-545 PATE4	Rhodorsil Compound 4 Compound Used For Insulating And Sealing Electrical Circuits	02	Kg	Atar Engine	Part No : 093-997-352-1 P-545 PATE4 Noun : Rhodorsil Compound 4 Compound Used For Insulating And Sealing Electrical Circuits
59	P-780 093-997-573-1	Molykot Hsc High Temperature Resisting Compound Of Inorganic Solid Lubricant	03	Kg	Atar Engine	Part No : P-780 093-997-573-1 Noun : Molykot Hsc High Temperature Resisting Compound Of Inorganic Solid Lubricant
60	093-997-085-1 P-602 BOLICONE36127	Paint B36127	03	Kg	Atar Engine	Part No : 093-997-085-1 P-602 BOLICONE36127 Noun : Paint B36127
61	093-997-198-1 P-701	Molybdenum Bisulphide Varnish Lubricatting Varnish Containing Molybdenum Bisulphide	22	Kg	Atar Engine	Part No : 093-997-198-1 P-701 Noun : Molybdenum Bisulphide Varnish Lubricatting Varnish Containing Molybdenum Bisulphide
62	093-997-080-1 P-560	Bolicone 36082 Chrome Phosphate Post-Primer Paint	09	Kg	Atar Engine	Part No : 093-997-080-1 P-560 Noun : Bolicone 36082 Chrome Phosphate Post-Primer Paint
63	093-997-162-2 P-503	Loctite 241 Monocomponent Locking Compound	09	Btl	Atar Engine	Part No : Noun : Loctite 241 Monocomponent Locking Compound
64	093-997-166-1 P-510 LOCTITE640	Loctite 640 Monocomponent Locking Compound Also Known As Loctite 40	03	Tube	Atar Engine	Part No : 093-997-162-2 P-503 Noun : Loctite 640 Monocomponent Locking Compound Also Known As Loctite 40

65	093-997-373-2 P-495 P-1308	RTV 730 Non Polymerized Pluorosilicone	15	Tu	Atar Engine	Part No : 093-997-373-2 P-495 P-1308 Noun : Rtv 730 Non Polymerized Pluorosilicone
66	093-997-275-1 P-219	Hylomar Sq32M Sealing Compound	30	Tu	Atar Engine	Part No : 093-997-275-1 P-219 Noun : Hylomar Sq32M Sealing Compound
67	093-997-445-1 P-110	Turcotranspos2	20	Kg	Atar Engine	Part No : 093-997-445-1 P-110 Noun : Turcotranspos2
68	30TE25	Air Compressor	01	Ea	Plasma Spray Shop	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
69	093-997-275-1	Paste (P-219)	15	Tub	Casing Assembly (P5)	Source UK Refernces DTD-900/4586/A
70	UPS-2024	Uninterrupted Power Source	01	Ea	DTE IT MRF	1. Capacity 2. Backup time on full load 3. Qty 03 External Batteries bank (Rack mounted) of 240 volts compatible with UPS 4. Total number of batteries in UPS & in external batteries Bank 5. Batteries Type (Lead acid) 6. Battery Rating (Amperes, volts) 7. Surge protection capability 8. Installation & commissioning 9. All accessories along with all cables and Ready Rails etc. 10. Warranty 02 years OEM (Repair or Replace)

71	6.0VP-4066/48MHV	Vacuum Furnace	01	Ea	Heat Treatment Shop	Scope Of Work 1) Replacement of qty-02 power cont of u/s hot zone of furnace. 2) Replacement of IO device in PLC available at shop floor, installation required only. 3) Complete serviceability to be done on turn key basis.
72	BN5029	Rubberized Material For Seal	01	Ea	Kinematic Chain Bay	Tickness 0.33mm Sheet (Length 180 Inch, Width 55 Inch
73	T81	Vibration Pickup	01	Ea	F100 Engine Assembly Bay	As per attached list
74	6895998	Fuel Nozzle Test Stand	01	Ea	ACCESSORIES T-56	As per attached list
75	TGB-507	Air Less Sapray Gun	01	Ea	Paint And Pickling Shop	As per sample
76	AMS5801	Wire Welding ROD	30	Lb	Welding Shop (F100)	Wire Welding ROD AMS5801 Diameter 0.062 inch and Length 36 inch for weldin d
77	E7763-105-01-EU	Clinder And Value Assembly 51 Ltr	02	Ltr	T-56 Test Cell	Scope of work <u>Five Year Inspection</u> After every five years fm 200 pressure and cylinder weight to be checked.
78	METCO 204G PREMIUM	Intermediate Coat	200	Lbs	F100 Project Directorate	As per attached list
79	3057373	Strainer	20	Ea	Accessories T-56	As per attached list
80	68D23325	Pump Oil	01	Ea	JFS O/H Shop	As per attached list

81	DLTFRPSKT3038	Permaswage Kit 33 Piece (01-Ea)	01	Ea	Fuselage Repair Shop	As per sample
82	3010M12	Transfer Standard Accelerometer Dytron	01	Ea	PMEL	Part No 3010M12 OEM Dynamics Instruments inc (Endevco) USA
83	PTU301	Meteo Station Vaisala	01	Ea	TFE731 Test Cell	As per attached list
84	CERAL34	Coating Aluminium	01	Qt	Rubber Application Shop	Part No : CERAL34 Noun : Coating Aluminium
85	P-906	White Corundum	10	Bg	Cleaining Bay (Atar)	Abrasive of 0.250 to 0.500 mm(0.10 to 0.020 in) granular form Composition :- Alumina 99% min, Silica 0.1% max
86	093-997-422-1	Corrundum 1250	11	Bg	Cleaining Bay (Atar)	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
87	V-622	Sealing Compound Rubber Silicone Thermosil	01	Kt	R&F Rubber Shop	Part No : V-622 Noun : Sealing Compound Rubber Silicone Thermosil NSN : 803001301524
88	Stitching of Uniform for Student Training Institute School	Stitching of Uniform for Student Training Institute School	As Req	Set of Shirt and Trouser	Log Sqn	Sample to be collect from O i/c Provisioning
89	Frame work Agreement for FY 2025-26					As per attached list 1&2.

S No 89 List 1 Frame work Agreement for FY 2025-26

Framework Agreement for Procurement of Gases PAC Kamra


Kindly find the evaluation criteria for shortlisting of firms. Details of Financial and Technical Criteria are as under:-

Framework Agreement Evaluation Criteria	Technical Weight %	60%
	Financial Weight %	40%

Financial Bid Evaluation Framework Agreement Gases

S.No	Part No	Noun / UI	Tentative Annual Qty	Tentative Total Annual Qty	Weight %	Rate Offered Firm A	Weighted Score	Rate Offered Firm B	Weighted Score
1	71A/NIV-L-12	Gas Hydrogen 99.90% (NM3)	47	5,380	0.874		0.000		0.000
2	71A/NIV-L-14	Liquid Nitrogen (Liter)	264		4.907		0.000		0.000
3	71A/9425143A	Gas Oxygen Breathing Medical (NM3)	16		0.297		0.000		0.000
4	71A/9424905	H-P Argon AM/6.80M3 CYL (NM3)	3006		55.874		0.000		0.000
5	71A/9424905A	Argon in Liquid Container XL-45 (NM3)	762		14.164		0.000		0.000
6	71A/9424913	COMP Nitrogen S.Purity (NM3)	384		7.138		0.000		0.000
7	71A/9424903	Gas Accetylene 98% (NM3)	65		1.208		0.000		0.000
8	71A/9424914	Comp Ind Oxy IM/6.7960 M3 (NM3)	116		2.156		0.000		0.000
9	71A/9425143	Breathing Oxygen BP/16 (NM3)	720		13.383		0.000		0.000
	Total				100.000	Total	-	Total	-

Firm Name	Offered Rate	Lowest Bid / Offered Bid	Marks Obtained (Firm Name*100)
Firm A			
Firm B			


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 Squadron Leader
 O i/c Ind Prov
 MRF PAC Kamra

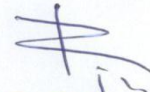
S No 89 List 2 Frame work Agreement for FY 2025-26

Technical Evaluation Details *minimim pass % 65			
Firm Name	Marks obtained out of 100	Weightage	Score (marks obtained * Score %)
Firm A		60%	
Firm B		60%	
Financial Evaluation Details			
Firm Name	Marks obtained out of 100	Weightage	Score
Firm A		40%	
Firm B		40%	
Technical (Weightage 60%) + Financial Score (Weightage 40%)			Rank
Firm A			
Firm B			

Pre Qualification Criteria for Technical Evaluation Framework Agreement 01 Year				
S.No	Criteria	Marks	Yes / No	Marks Obtained
1	Firm must have own filling site within 100 km radius of PAC Kamra	10		
2	Firm must have own plant within Punjab	10		
3	ISO Certifications 9001 / 14001	10		
4	Annual Sales (must be greater than Rs 1,000 million)	10		
5	Hydro Testing Facility availability	10		
6	Registration with MoD/MoDP	10		
7	10 years working experience with Defence Organization	10		
8	Own distribution setup for free of cost delivery at PAC Kamra	10		
9	Must be able to provide goods credit upto Rs 2.00 Mil	10		
10	Bid Money 5% or not more than Rs 0.4 Mil and PBG upto 10% of the total value of contract	10		
*Kindly attach documentary proof		Total	100	

General Terms and Conditions

Only firms securing minimum 65% score during Technical Vetting will qualify for Commercial Opening
 Free of Cost Delivery at PAC Kamra
 Prices would be fixed for FY 2025-26
 Firms are to submit Technical Quotes and Commercial Quotes separately


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S No 73 Specification Of Vibration Pickup



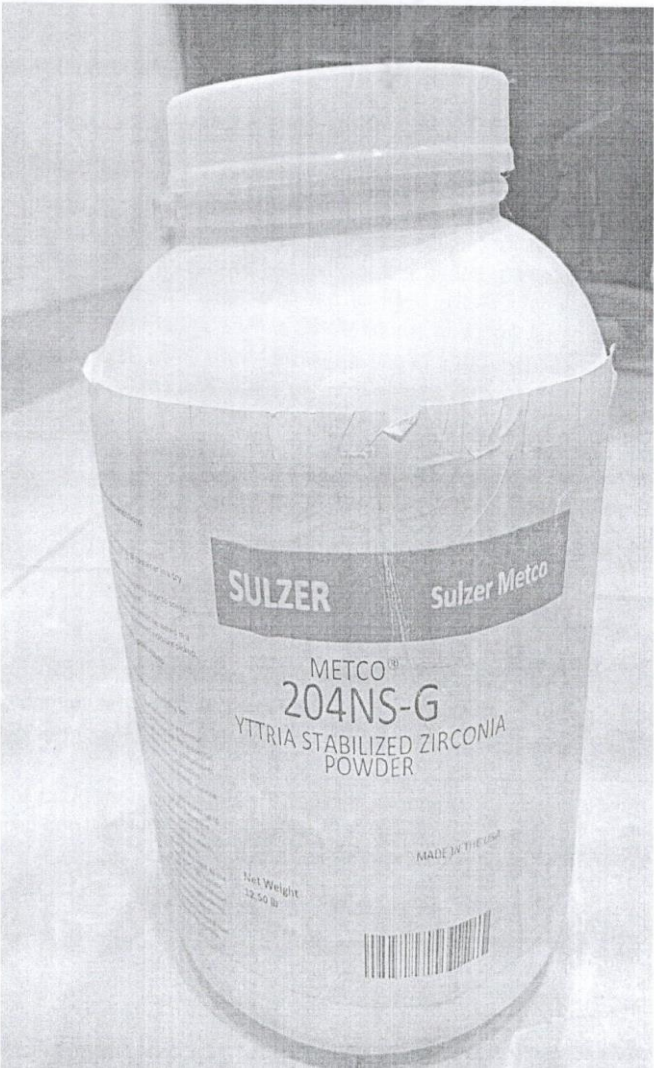
S No 74 Specification Of Fuel Nozzle Test Stand

SCOPE OF WORK: PERFORMA

S.No 2

S NO	PART NO	NOUN	U/I	QTY TO BE REPAIRED	SCOPE OF WORK
1	6895998	Fuel Nozzle Test Stand	EA	01	<p>T-56 Fuel Nozzle Test Stand modification required for establishing of undermentioned testing facility of SAAB 2000 aircraft engine Fuel Nozzles.</p> <p>(i) Spray pattern Test: - For establishing SAAB 2000 engine fuel nozzles spray pattern test 12 segmented collector and flow measuring Qty 12 boxes required to be manufactured.</p> <p>(ii) Spray Angle Test: - For establishing SAAB 2000 engine fuel nozzles spray angle test, measuring "D" capable to measure the angle 0-140° is required to be manufactured.</p> <p>Note: - Stainless-steel box capable to performing above said tests as per T-56 pattern with wheel stand required as per diagram.</p>

S No 78 Specification Of Intermediate Coat



S No 79 Specification Of Strainer

Customer First Center | US & CAN: 1-800-268-6000 | INTL: +1-800-268-6000 | Contacts and Location

PREMIUM V3.3.0

ILLUSTRATED PARTS CATALOG

MODEL(S): PT6C-67C/PT6C-67C1

MANUAL PART NO. 3045334, ISSUE NO. 32.0, DATED Mar-18-2024

We were unable to check if this version of the manual is up to date.
You shall make sure that you are using the latest available revision of this manual.

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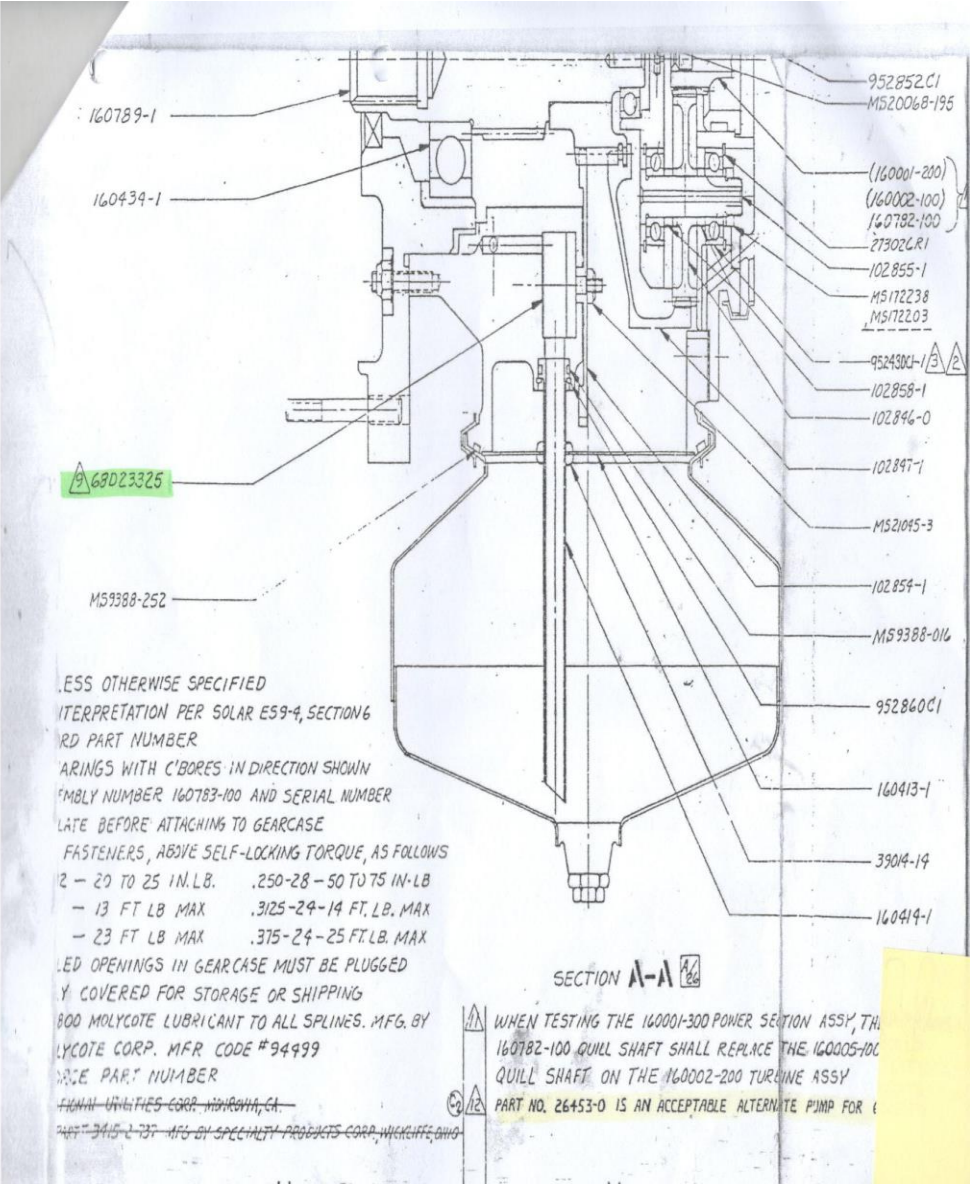
73.10.05 Fuel Manifold and Nozzles

QTY	P/N	DESCRIPTION	UNIT	QTY
- 2A	307397-01	NOZZLE, FUEL, SIMPLEX AND DIVIDER EQUIVALENT TO VENDOR P/N 164250 MAY BE OBTAINED BY REWORK OF P/N 3058126-01 SEE FIG. 1 FOR NHA SEE NOTE 1 POST-SB41050	A,B	7
10	3057297-01	•SHEAT, FUEL NOZZLE	A,B	1
20	3057376-01	•RING, FUEL NOZZLE	A,B	1
30	305588-01	PARTIAL BREAKDOWN FOLLOWS: •PIN	A,B	1
40	3057373-01	•STRAINER, FUEL NOZZLE	A,B	1
50	3058060-01	•NOZZLE, FUEL COMPONENT OF P/N 3058817-01 PRE-SB41050 RESTRICTED INTERCHANGEABILITY WITH P/N 307397-01. REFER TO APPLICABLE SERVICE BULLETIN.	A	1
- 60A	3073977-01	•NOZZLE, FUEL	A,B	1

Figure 2 Fuel Nozzle Adapter, Simplex and Duplex Installation

c91675

S No 80 Specification Of Pump Oil



S No 83 Specification Of Meteo Station Vaisala

VAISALA

www.vaisala.com

PTU300 Combined Pressure, Humidity and Temperature Transmitter for Demanding Applications

The Vaisala Combined Pressure, Humidity and Temperature Transmitter PTU300 is a versatile, multi-purpose instrument.

Features/Benefits

- Barometric pressure, humidity, and temperature measurement in one transmitter
- Available with up to two barometric pressure sensors for added reliability
- RS232C serial interface with NMEA protocol for GPS use
- Graphical display and keypad for convenient operation
- Analog outputs, RS232/485, WLAN/LAN
- MODBUS protocol support

One Transmitter, Three Measurements

The Vaisala Combined Pressure, Humidity and Temperature Transmitter PTU300 is a unique instrument measuring three parameters simultaneously.

You can choose from the following probe options: PTU301 for laboratories, PTU303 for general use, PTU307 warmed probe for outdoor and demanding meteorology applications, and PTU30T for pressure and temperature measurement only.

Graphical Display of Measurement Data and Trends for Convenient Operation

The PTU300 features a large numerical and graphical display with a multilingual menu and keypad. It allows users to easily monitor operational data, measurement trends, and access measurement history for the past 12 months.

The optional data logger, with real-time clock, makes it possible to generate over four years of measurement history and zoom in on any desired time or time frame.

The display alarm allows any measured

Proven Vaisala Sensor