

PAKISTAN AERONAUTICAL COMPLEX, KAMRA MIRAGE REBUILD FACTORY TENDER NOTICE NO MRF/18-19/23 DATED 04 MARCH, 2019.

1. Mirage Rebuild Factory, Pakistan Aeronautical Complex Board Kamra invites sealed bids from the Original manufacturer / authorized distributors / suppliers / contractor registered with Income Tax and Sales Tax Department and PACB registered for supply of following miscellaneous items on F.O.R Basis (Professional Tax certificate, Punjab is mandatory). Details of requirements is as follows:-

“ALUMINIUM BAR DIA 2 INCH, X-Ray Film 10x40cm, VARIABLE DC POWER SUPPLY, FUEL PUMP, DC CIRCUIT BREAKER 6A, PANAL LIGHT INDICATOR, FRAME ASSY UNI STAND, AUTO FIRE CONT SYSTEM, CAMERA NIKON D-750, CAMERA NIKON D-7500, DOOR AIR CURTAIN, WORK LINE MODULER, TAM PANEL, MILLING CUTTER 16MM, PN JO BOLT GUNN, GRAPHITE VARNISH, GO NO GO GAUGE 7X100 H6, NICKEL SULFAMATE, SPECIAL SPANNER SPOKE NO 6, TAPE SET M5X9 JAPAN, DLCADE RESISTOR, WELDING ROD, SHAVE RIVET HEAD, SPRING BALANCE 0-10 BAN, STAND TRANSPORTION, GREEK ASCOLOGY FORGED THICKNESS 110 L1000XW1000 MM, ALUMINIUM ALLOY 2014 FORGED THICK NESS 110 K 450 X W450MM0, CONTROL UNIT(V06324), NOVA PRESS 1000XUNIVERSAL 1500, SCANNER (V06324), PRESSURE GUAGE 0 TO 3500 PSI, TOOL KIT, CABLE 50 WIRES, CABLE 85 WIRES, UPAZ WT1 CONNECTOR, UPAZ W1 CONNECTOR, FUEL VALVES, FUEL FILTER, FUEL HOSE ASSY, ADAPTOR, STEERING (MOBILE SHELIVING SYSTEM S/S.M.D), BAND SAW MACHINE, HELI-COIL THREAD REPAIR (KIT) 5/16X18 INCH, OUTSIDE DIGITAL MICROMETER 125 TO 150 MM, Q 20 MULTIPURPOSE LUBRICANT, HEATER, O RING KIT, FAN HOLDING FIXTURE, METCO POWDER 450 NS.”

2. 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 05-03-2019 during working hours (except holidays).

3. The quotations, prepared in accordance with the instruction in the Tender List, must reach at Mirage Rebuild Factory PACB Kamra **before 20-03-2019 at 1000 Hrs. Quotations will be opened on the same day at 1100 Hrs.** The advertisement is also available on PPRA website at www.ppra.org.pk and as well as PACB website www.pac.org.pk

DUE DATE : 20-03-2019 before 1000 Hrs.
TENDER OPENING TIME : 20-03-2019 at 1100 Hrs.

Please contact **051-9099-4294 / 4414 / 4417** or Fax No **057-9317412** for any other information.

**DIRECTOR LOGISTICS
MRF PACB KAMRA
DISTT ATTOCK**



**LIST OF OPEN TENDER NO MRF/18-19/23
DATED 04-03-2019 OPENING DATE 20-03-2019**

SN O	PART NO	NOUN	U/I	Qty	SPECIFICATION
1	7075T6	ALUMIINIUM BAR DIA 2 INCH	FT	10	AL: 87.1-91.4%, CR:0.18-0.28%, CU: 1.2-2.00%, FE: 0.5% MAX, SDS REQUIRED
2	6635PK2340003	X-RAY FILM 10X40CM	PKT	8	FUJI FILM,INDUSTRIAL X-RAY FILM ,ENVELOPAK,100± PB
3	AP4005	VARIABLE DC POWER SUPPLY	EA	1	0-30 VDC / 30 AMP
4	50-W-PG250	FUEL PUMP	EA	1	FUEL PUMP WITH DC MOTOR, PRESSURE : 0-150 BAR ADJUSTABLE, MOTOR VOLT : 28VDC
5	108-5665	DC CIRCUIT BREAKER 6A	EA	5	CIRCUIT BRAKER DC, 6AMP / 28VDC MADE USA OR EQUIVALENT
6	157-3154	PANAL LIGHT INDICATOR	EA	30	28VDC, MADE USA OR EQUIVALENT
7	6796643-1	FRAME ASSY UNI STAND	EA	2	L=8 Ft, W= 7Ft, H= 4Ft, WITH DOOR AND PANELS
8	FCC3000	AUTO FIRE CONT SYSTEM	EA	1	(i) ANNUAL AND TWO YEARLY INSPECTION OF SYSTEM IS REQUIRED (ii) REPAIR OF ELECTRIC PANEL
9	D-750	CAMERA NIKON D-750	EA	1	(i)CAMERA BODY; PROFESSIONAL DIGITAL CAMERA (ii) EFFECTIVE PIXEL; 24.3 MILLION OR HIGHER (iii) LENS; NIKKOR AF-S 24 TO 120 MM (iv) SD CARD 16GB OR HIGHER (v) FLASH GUN; DIGITAL FLASH GUN (vi) MADE; JAPAN/USA/THAILAND OR EQUIVALENT
10	D-7500	CAMERA NIKON D-7500	EA	1	(i)CAMERA BODY; PROFESSIONAL DIGITAL CAMERA (ii) EFFECTIVE PIXEL; 20.9 MILLION OR HIGHER (iii) LENS; NIKKOR AF-S 18 TO 140 MM (iv) SD CARD 08GB OR HIGHER (v) FLASH GUN; DIGITAL FLASH GUN (vi) MADE; JAPAN/USA/THAILAND OR EQUIVALENT
11	DAC-48	DOOR AIR CURTAIN	EA	6	HEIGHT 8 FEET AND WIDTH 6FEET
12	35-8315	WORK LINE MODULER	EA	AS REQ	<p>Product Information Dimension 4 Work lineModular are the most versatile and useful workstation modules available. The system easily expands to meet growing needs through the addition of accessories and more modules.</p> <ul style="list-style-type: none"> Modular Expansion

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					<ul style="list-style-type: none"> • UL-Listed • ESD Models and Options • Ergonomic Design <p>Our “Basic” units are available in Single-Sided or Double-Sided workstation configurations and are easily customized to meet a company’s exact needs. And, with their intelligent design, Dimension 4 workstations can be quickly reconfigured any time your requirements change.</p> <p>As with all IAC workstations, Dimension 4 Modular Workstation components are ergonomically designed to ensure maximum worker safety, improved efficiency and greater productivity.</p> <p>Dimensions</p> <p>Upright Heights: 72”, Standard Width: 60”, Standard Depths: 36” Work surface Height: Adjustable in Up/down & Front/Back Directions Top Head White Light Full Strength Adjustable having Lock System with double ball bearing system for In/Out Two Drawers having Lock System with double ball bearing system for In/Out 8 Electrical Connectors for Bench Workstation 2 Metallic Shelves Straight Adjustable having Lock System with double ball bearing system for In/Out Max Length foot rest Adjustable having Lock System with ESD for safety of Electrical Hazards</p> <p>Maximum Load Single Sided: 750 lbs. Double Sided: 1200 lbs.</p> <p>Drawing also available at the end of tender</p>
13	198055	TAM PANEL	EA	1	MAKE MAGNAFUX, PENTRANT TEST PANEL Z-5 MEET THE REQUIREMENT OF KNOWN DEFECT STANDARD IN ACCORDANCE WITH ASTM 1417 AND AMS 2644E



14	851-905-007-0	MILLING CUTTER 16MM	EA	5	MILLING CUTTER 16MM
15	APJO	PN JO BOLT GUNN	EA	1	MODEL NO 7281 ENGLAND OR EQUIVALENT
16	G8450	GRAPHITE VARNISH	LTR	5	500C83G EMS52438 K0548 TYPE NPC61270-1
17	1B/1775D	GO NO GO GAUGE 7X100 H6	EA	1	Dia 0.070 inch OEM, Tesa or equivalent
18	6850PK0940024	NICKEL SULFAMATE	KG	90	CHEMICAL FORMULA= $\text{Ni}(\text{NH}_2\text{SO}_3)_2$, APPEARANCE=CLEAR GREEN CONCENTRATED SOLUTION, DENSITY= $1.50\text{-}1.57 \text{ KG / DM}^3$ (0.054 TO 0.056 LB/CU.IN CHEMICAL COMPOSITION ELEMENTS LIMITS (IN WEIGHT) NICKLE 145 TO 195 G/L (19 TO 26 OZ/US GAL ANHYDROUS NICKLE SULFAMATE 620 TO 840 G/L (83 TO 112 OZ/US GAL (E) IMPURITY (IN ANHYDROUS SALT) (FE=0.0025%MAX) (CU=0.0025%MAX) (FE+CU=0.0050%MAX) (ZN=0.0030%MAX) (MN=0.0030%MAX) (SO4= 0.60 %MAX) (PB=0.006%MAX) ELECTROMETRIC PH AT 20 DEG C(70 DEG F) 3 TO 5
19	9970-115-290	SPECIAL SPANNER SPOKE NO 6	EA	1	FACOM,SNAPON, ELORA OR EQUIVALENT
20	M5X9	TAPE SET M5X9 JAPAN	EA	3	ISHIHASHI SEIKO, OR EQUIVALENT
21	MODEL-RDB	DLCAD RESISTOR	EA	1	RESISTANCE VALUE= 0-10K Ω (ADJUSTABLE) OEM= USA / EQUIVALENT
22	AMS5650	WELDING ROD	LB	10	AMS5650
23	5130-621-2647	SHAVE RIVET HEAD	EA	1	SHAVE RIVET HEAD
24	2312168	SPRING BALANCE0-10 BAN	EA	2	
25	6796177	STAND TRANSPORTION	EA	1	

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26	AMS5616STEEL	GREEK ASCOLOGY FORGED THICKNESS 110 L1000XW1000 MM	SHT	1	GREEK ASCOLOGY FORGED PLATE THICKNESS 110 L1000XW1000 MM
27	AMS4135ALUMINIUM	ALUMINIUM ALLOY 2014 FORGED THICKNESS 110 K 450 X W450MM0	SHT	4	ALLUMINIUM ALLOY AISI 2014 forged block thickness 110mm, L450 x W 450 mm
28	VJ2000C	CONTROL UNIT(V06324)	EA	1	NSN= 4920-01-100-9210, OEM,GLENAIR USA OR EQUALL, OEM CONFIRMANCE CERTIFICATE REQUIRED TEST TYPE FOR WHICH DESIGNED=T-56-A-15 ENGINE LH AND RH WIRING HARNES, TESTER MUST BE PROVIDED WITH ALL ACCESSORIES ,OPERATING / MAINTENANCE MANUAL AND OEM CALIBRATION CERTIFICATE.. USED TO TEST FOR CONTINUITY THAT SHOULD EXIST, SHORT THAT SHOULD NOT EXIST AND INSULATION RESISTANCE TEST UP TO 100 CIRCUITS AT A RATE OF 1 TO 1500 CIRCUITS PER MINUTE.
29	610-100-033-0NOVAPRESS	NOVA PRESS 1000XUNIVERSAL 1500	SH	AS REQ	NOVA PRESS 1000XUNIVERSAL 1500
30	VJ2000S	SCANNER (V06324)	EA	1	NSN=4920-01-100-2751, REFERENCE= 2J-T56-53 WP 261, OEM= GLENAIR INC USA OR EQUIALENT TEST FOR WHICH DESIGNED= T-56-A-15 ENGINE LH AND RH WIRING HARNES , CERTIFICATE=OEM CONFORMANCE CERTIFICATE REQUIRED, TESTER MUST BE PROVIDED WITH ALL ACCESSORIES,OPERATING/MAINTENANCE MANUAL AND OEM CALIBRATION CERTIFICATE.. USED TO TEST FOR CONTINUITY THAT SHOULD EXIST, SHORT THAT SHOULD NOT EXIST AND INSULATION RESISTANCE TEST UP TO 100 CIRCUITS AT A RATE OF 1 TO 1500 CIRCUITS PER MINUTE.
31	1L/54	PRESSURE GUAGE 0 TO 3500 PSI	EA	4	PANEL FITTED 4 OR 6 INCH,PRESSURE (0-6 KGF/CM2, 0-60 KGF/CM2, 0-160 KGF/CM2) MADE WIKIA OR USA OR EQUIVALENT
32	78812	TOOL KIT	EA	1	SNAP ON OR EQUIVALENT, WITH QTY 30 COMMON TOOL MIX GENERAL
33	144-0127	CABLE 50 WIRES	EA	4	50 CORE CABLE WITH INSULATRION SHEATH COVER, LENGTH: 15 MTR ,WORKING VOLTS:28VDC, CURRENT: 20AMPS OPERATING TEMPRATURE, 20°C TO 75°C,22AWG(7/0.25MM)



34	144-0129	CABLE 85 WIRES	PT	2	85 CORE CABLE WITH INSULATRIION SHEATH COVER, LENGTH: 15 MTR ,WORKING VOLTS:28VDC, CURRENT: 20AMPS ROUND SHELDED,JACKTED CABLE, 28 AWG STANDARD, TWISTED PAIR, PVC/PVC,COLOUR CODED WIRES FOR EASY IDENTIFICATION,ALUMINIUM FOIL AND TINNED COPER BRAID SHIELDING
35	2PMII42BIIH45T 5BI	UPAZ WT1 CONNECTOR	EA	2	2PMII42BIIH45T5BI UPAZ WT1 CONNECTOR 45 pins
36	AE85M	UPAZ W1 CONNECTOR	EA	2	AE85M UPAZ W1 CONNECTOR 85 pins
37	11590185	FUEL VALVES	EA	6	INLET / OUT LET SIZE 1/2 " , PRESSURE 150 BAR
38	1687431000	FUEL FILTER	EA	3	FUEL FILTER WITH BODY AND ELEMENT: 10 MICRON (FILTER REPLACEABLE) MATERIAL STAINLESS STEEL, INLET / OUT LET PRESSURE 0-300 BAR (10 ELEMENT SPARE)
39	72339/21/005	FUEL HOSE ASSY	EA	8	03 HOSES EACH (35 FEET LENGTH, FLEXABLE, DIA 1 INCH) 03 HOSES EACH (4FT DIA1/2 INCH) 02 HOSES EACH (4FT DIA1/4 INCH)
40	411218	ADAPTOR	EA	20	INLET /OUT LET DIA 1/2 INCH (10 QTY T UNION),(10 QTY L BOW UNION) PRESSURE UP TO 150 BAR
41	S/M.D/A-10	STEERING (MOBILE SHELVING SYSTEM S/S.M.D)	EA	1	LENGTH 8 FEET.HIEGHT 4 FEET,WIDGTH 6 FEET,WITH FOUR TYRE 21 INCH (STEERING SYSTEM WITH TOE BAR)
42	3A/215	BAND SAW MACHINE	EA	1	LOCAL MADE 36" X 18" VOLTS 400-440 ALHILA OR EQUIVALENT
43	5401-18	HELI-COIL THREAD REPAIR (KIT) 5/16X18 INCH	EA	2	HELI-COIL THREAD REPAIR (KIT) 5/16X18 INCH
44	1A/2734B	OUTSIDE DIGITAL MICROMETER 125 TO 150 MM	EA	1	OUTSIDE DIGITAL MICROMETER 125 TO 150 MM
45	Q20	Q 20 MULTIPURPOSE LUBRICANT	EA	2	Q 20 MULTIPURPOSE LUBRICANT 300g
46	6797342	HEATER	EA	1	TEMPRATURE NOT EXCEED 500°F (260°C)

	<p style="text-align: center;">PAKISTAN AERONAUTICAL COMPLEX 6 A SYMBOL OF EXCELLENCE IN AVIATION </p> <p style="text-align: center;">www.pac.org.pk</p>	
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47	K0377167	O RING KIT	EA	1	O RING KIT
48	3078-1615	FAN HOLDING FIXTURE	EA	2	DIA 26 INCH, HIGHT 9 INCH
49	METCO450NS	METCO POWDER 450 NS	LB	50	NI5AL -90+45MM(-170+325 MESH)
50	123	ELECTROPLATING BARREL	EA	1	<p>(1).ORIGIN: NORTH AMERICAB / EUROPEAN (2).LOAD CAPACITY: 12KG OR HIGHER. (3). BARREL CYLINDER SIZE; L450MM X W180MM ± 3%. (4). SIZE OF BARREL: L600MM X W230MM X H540MM + 3%. (5). WEIGHT OF BARREL : 8 TO 10 KG. (6). MOTOR : 15 NM OR HIGHER. (7). PERFORATIONS: 2 TO 3 MM HOLES IN THE BARREL CYLINDER.</p> <p>GENERAL DESCRIPTION : (1) CONSTRUCTION MATERIAL IS POLYPROPYLENE (RESISTANT TO CHEMICAL REACTION) FOR ALLOF THE PLASTIC PARTS, INCLUDING THE BARREL ITSELF AND THE HANGER FRAMES , GEAR WHEELS ETC. (2) THE BARREL SHOULD BE PORTABLE, NOT FIXED. TANK BATH SIZE (600 MM x 600MM) MANUAL LIFTING CAPACITY OF WORKER. THESE HOLE ALLOW CHEMICAL TO ENTER THE CYLINDER CONTAINING HARDWARE TO BE ELECTROPLATED.</p> <p>PUBLICATION TWO SETS OF PUBLICATION OF OPERATION MANUAL, DRAWING AND TECHNICAL MANUAL HAVE TO BE PROVIDED BY THE SUPPLIER.</p> <p>WARRANTY AT LEAST ONE YEAR WARRANTY MUST BE PROVIDED BY SUPPLIER FROM DATE OF ACCEPTANCE.</p> <p>SPARES CONVERTOR IS TO BE PROVIDED BY SUPPLIER TO CONVERT 220/380 VOLT AC INTO 12 VOLT DC TO OPERATE PLANTING BARREL.</p> <p>ACCEPTANCE CRITERIA PLATING BARREL WILL BE ACCEPTED AFTER PHYSICAL AND OPERATIONAL CHECK BY USER AND CERTIFIED BY QC INSPECTOR.</p>
51	123	CAMOUFLAGE NET 30 X 30	EA	AS REQ	

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52	123	TENT 180LBS	EA	AS REQ	
53	123	STRETCHER	EA	AS REQ	
54	123	GROUND SHEET 14 X 14	EA	AS REQ	
55	123	PACKING PAPER	ROL	AS REQ	
56	123	TOURCH GEEPAS	EA	AS REQ	MODEL NO GLF 3801 OR EQUIVALENT
57	123	SAND BAG	EA	AS REQ	WOOLEN MADE
58	123	CAMUFLAGE PAINT	LTR	AS REQ	

TERMS & CONDITIONS:-

- (i) GST may be indicated separately. The envelopes must be marked with "Item's name and Commercial / Technical offer". Literature / brochures of equipment must be attached with technical offer.
- (ii) Quotations must be submitted in two copies for single line item i.e. one copy with technical details without price and one copy as commercial offer in one envelopes (no quotation will be accepted if it contains more than 01 item in a single quotation)
- (iii) Validity period should not be less than 90-120 days.
- (iv) Complete technical specifications, MSDS, OEM & Conformance Certificate, Calibration certificate, Fitness report where applicable are required. Sample of chemicals may be asked for test.
- (v) 05 % earnest money required in shape of CDR/BG in case of winning the tender.
- (vi) Quotation received after due date / time will not be entertained. The CFA reserves the right to accept / reject the part or whole tender.
- (vii) Professional Tax certificate, Punjab
- (vii) Quantity can be increased / decreased at the time of order as per our requirement.
- (viii) All additional documents (ie specification page / brochure / technical data sheet etc) attached with quotation are to be carrying company stamp.

Directorate of Logistics MRF, PAC Kamra

Contact No. 051-90994294, 4417 & 4414, Fax No. 057-9317412





WORKLINE MODULER



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