

PAKISTAN AERONAUTICAL COMPLEX, KAMRA MIRAGE REBUILD FACTORY

TENDER NOTICE NO MRF/17-18/08 DATED 08 February, 2018.

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:-

“UNDERGROUND CABLE 20 PAIR 0.6MM, ARMORED WITH LAYING TERMINATION, UNDERGROUND CABLE 10 PAIR 0.6MM ARMORED WITH LAYING TERMINATION, AIR PRESSURE TRANSDUCER 0-300PSIG+-5%,COMPUTER INTEL CORE I3 WITH LED & COMPLETE ACCESSORIES, HP LASER PRO, OIL SEPRATOR KIT (D) L 132-160, MAJOR KLT (E)(AIR COOL) SUC, NICKEL SULFAMATE, RACK ALLUMINIUM WITH 5 SHELVES (9'X7'X20"),RACK ALLUMINIUM WITH 5 SHELVES (7'X7'X20"),COMPRESSOR HOLDING FIXTURE, COMPRESSOR HOLDING FIXTURE, TURBINE HOLDING FIXTURE, FAN HOLDING FIXTURE, ELECT OVEN, DIGITAL HIGH GUAGE, SCREEN 30 INCH MID WESTERN #28TBC(FOR SHORT PEENING MACH MC6060-S), SCREEN 32TBC, SNAP ON TOOL KIT DRAWER SECTION SMALL, TELEPHONE SET (2616), STORAGE CABINET, FIRE EXTINGUISHER DCP 5LBS, WRENCH POWER, PUSHER ENTRANCE GUIDE VANE, WELDING POWDER PLASMA, MENDRAL, 1ST STAGE CARTRIDGE, 2ND STAGE CARTRIDGE, METCO POWDER, WIRE, TEST RIG MACHINE (L/R), HIGH FREQUENCY GENERATOR WITH ACCESSORIES (L/R)”.

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 09-02-2018 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 22-02-2018 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 : 22-02-2018 before 1000 Hrs.
TENDER OPENING TIME : 22-02-2018 at 1100 Hrs.

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





**DIRECTOR LOGISTICS
MRF PACB KAMRA
DISTT ATTOCK**

Directorate of Logistics MRF, PAC Kamra
Contact No. 051-90994294, 4414 & 4417, Fax No. 057-9317412

**LIST OF OPEN TENDER NO MRF/17-18/08
DATED 08-02-2018 OPENING DATE 22-02-2018**

SN O	PART NO	NOUN	QTY	U/I	SPECIFICATION
1	UGC20ARM	UNDERGROUND CABLE 20 PAIR 0.6MM, ARMORED WITH LAYING TERMINATION	150	MTR	CONDUCTOR:0.6MM ARMORED,INSULATION:COLOR HIGH MOLECULAR WEIGH SOLID HIGH DENSITY POLYTHYLENE,COLOR CODING: CABLES SHOULD BE FULLY COLOR CODED IN ACCORDANCE WITH PIC EVEN COUNT COLOR CODE,PAIRING: TWO COLRD INSULATED CONDUCTOR SHOULD BE UNIFORMY TWISTED,APPLIED,FILLING COMPOUND: WATER RESISTANT FILLING COMPOUND SHOULD BE APPLIED,CORE COVERING,A NON HYGROSCOPIC AND DIELECTRIC POLYESTER TAPE AND WATER BLOCKING SHOULD BE APPLIED HELICALLY HAVING A SUITABLE OVERTAP.FLOOD COMPOUND: SUFFICIENT FLOODING COMPUND SHOULD BE APPLIED BETWEEN CORE WRAP AND SHIELD,MOISTURE BARRIER INNER SHEATH:AN ALUMINUM TAPE WITH CO POLYMER COATING SHOULD BE APPLIED OVER THE CABLE CORE AND SHEATH WITH BLACK POLYTHYLENE COMPOUND,JACKET: BLACK HIGH MOLECULAR WEIGHT LOW DENSITY POLYTHYLENE COMPOUND,IDENTIFICATION: AN IDENTIFICATION TAPE DURABLE MARKED WITHMANUFACTURER NAME SHOULD BE PLACED UNDER THE CORE COVERING TAPE, CERTIFICATE OF COMPANY

 <p>جہان تازہ کی انہر تازہ سے نمود</p>	<p>PAKISTAN AERONAUTICAL COMPLEX 2 A SYMBOL OF EXCELLENCE IN AVIATION</p> <p>www.pac.org.pk</p>	 <p>جہان تازہ کی انہر تازہ سے نمود</p>
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					MANUFACTURING PROVIDED .SAMPLE MUST BE PROVIDED WITH QUOTATION AND STOCK MANUFACTURING YEAR MENTIONED, SERVICES: INSTALLATION, TERMINATION,DIGGING 03 FEET DEEP,KACHA SOIL,PAKKA SOIL,ROAD BOARING WITH GI PIPE , SAND BED (06 INCH) , BRICKS LAYING , WARNING TAPE AND BACK FILLING
2	UGC10ARM	UNDERGROUND CABLE 10 PAIR 0.6MM ARMORED WITH LAYING TERMINATION	100	MTR	CONDUCTOR:0.6MM ARMORED,INSULATION:COLOR HIGH MOLECULAR WEIGH SOLID HIGH DENSITY POLYTHYLENE,COLOR CODING: CABLES SHOULD BE FULLY COLOR CODED IN ACCORDANCE WITH PIC EVEN COUNT COLOR CODE,PAIRING: TWO COLRD INSULATED CONDUCTOR SHOULD BE UNIFORMY TWISTED,APPLIED,FILLING COMPOUND: WATER RESISTANT FILLING COMPOUND SHOULD BE APPLIED,CORE COVERING,A NON HYGROSCOPIC AND DIELECTRIC POLYESTER TAPE AND WATER BLOCKING SHOULD BE APPLIED HELICALLY HAVING A SUITABLE OVERTAP.FLOOD COMPOUND: SUFFICIENT FLOODING COMPUND SHOULD BE APPLIED BETWEEN CORE WRAP AND SHIELD,MOISTURE BARRIER INNER SHEATH:AN ALUMINUM TAPE WITH CO POLYMER COATING SHOULD BE APPLIED OVER THE CABLE CORE AND SHEATH WITH BLACK POLYTHYLENE COMPOUND,JACKET: BLACK HIGH MOLECULAR WEIGHT LOW DENSITY POLYTHYLENE COMPOUND,IDENTIFICATION: AN IDENTIFICATION TAPE DURABLE MARKED WITHMANUFACTURER NAME SHOULD BE PLACED UNDER THE CORE COVERING TAPE, CERTIFICATE OF COMPANY MANUFACTURING PROVIDED .SAMPLE MUST BE PROVIDED WITH QUOTATION AND STOCK MANUFACTURING YEAR MENTIONED, SERVICES: INSTALLATION, TERMINATION,DIGGING 03 FEET DEEP,KACHA SOIL,PAKKA SOIL,ROAD



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					BOARING WITH GI PIPE , SAND BED (06 INCH) , BRICKS LAYING , WARNING TAPE AND BACK FILLING
3	PMP1200	AIR PRESSURE TRANSDUCER 0-300PSIG+-5%	3	EA	REQUIRED PRESSURE 0-300PSIG+-5% TDS/MSDS OEM CONFORMANCE CERTIFICATE IS ALSO REQUIRED
4	21B/7010PK0008 503	COMPUTER INTEL CORE I3 WITH LED & COMPLETE ACCESSORIES	AS REQUIRED	EA	MOTHER BOARD:INTEL ® H81 CHIPSET (INTEL ® DH82H81 PCH) OR HIGHER PROCESSOR: INTEL® I3-4160 PROCESSOR (3M CACHE,3.60 GHZ) OR HIGHER RAM: 04 GB DDR-III OR MORE HARD DISK: 500GB SATA RPM OR MORE NETWORK CARD: 10/100/1000 MBPS BUILT IN OR MORE KEYBOARD AND MOUSE: BRANDED CASING: TOWER BRANDED POWER SUPPLY:BRANDED 450W OR HIGHER WITH BUILT IN 600/70100 VA SURGE PROTECTOR INSTALLED DISPLAY: 18.5" LED MULTIMEDIA BRANDED OR HIGHER WARRANTY: OEM MINIMUM 03 YEARS CERIFICAE WITH (NO INTEL (R) VPRO TECHNOLOGY) MUST BE ALONG WITH ITEM.
5	M402DN	HP LASER PRO	1	EA	HP LASER JET PRO 400 M401DN OR HIGHER WITH OEM STANDARD WARRANTY
6	CK4290-272	OIL SEPRATOR KIT (D) L 132-160	1	EA	REQUIRED FOR COMPRESSOR COMPARE
7	CK8290-1	MAJOR KLT (E)(AIR COOL) SUC	1	EA	REQUIRED FOR COMPRESSOR COMPARE
8	6850PK0940024	NICKEL SULFAMATE	60	KG	REQUIRED TO BE USED IN NICKEL PLATING CHEMICAL FORMULA= $NI (NH_2SO_3)_2$ CHEMICAL COMPOSITION: ELEMENT NICKEL,;LIMIT BY WEIGHT:145-190 G/L(19 TO 26 OZ/US GAL) ANHYDROUS NICKEL SULFAMATE LIMIT BY WEIGHT: 620 TO 840 G/L (83 TO 112 OZ/US GAL) IMPURITIES: (IN ANHYDROUS SALT)(A) FE=0.0025% MAX(B):CU 0.0025% (C):FE+CU=0.0050%MAX (D)ZN=0.0030% MAX,(E)MN=0.0030% MAX(F)= $SO_4=0.60\%$ MAX (G) PB=0.006% MAX



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					DENSITY=1.50 TO 1.57 KG/DM ₃ (0.054 TO 0.056LB/CU.IN ELECTROMETRIC PH AT 20 DEG °C- - 70DEG °F :3 TO 5 APPEARANCE : CLEAR GREEN CONCENTRATED SOLUTION
9	DD3344	DIGITAL DUPLICATOR	1	EA	MODEL RICOH DD3344 OR EQUIVALENT
10	8135PK2160002	RACK ALLUMINIUM WITH 5 SHELVES (9'X7'X20")	1	EA	TOTAL 15 SHELVES OF 20X14X36 INCH DIMENSION (12MM GLASS TO BE USED FOR SHELVING) SLIDING DOOR WITH ALUMINIUM SIDES AND LOCKS AT FRONT OF RACK (TOTAL DIMENSION 9 FEET X 7 FEET X8MM) ALUMINIUM SHHET TO BE USED FOR TOP , BACK AND BOTH SIDES OF RACK
11	8135PK2160003	RACK ALLUMINIUM WITH 5 SHELVES (7'X7'X20")	1	EA	
12	3075-1612	COMPRESSOR HOLDING FIXTURE	3	EA	DIA 24" HEIGHT 4" THICKNESS 6MM
13	3076-1613	COMPRESSOR HOLDING FIXTURE	3	EA	DIA 22" HEIGHT 6" THICKNESS 6MM
14	3077-1614	TURBINE HOLDING FIXTURE	3	EA	DIA 20" HEIGHT 4" THICKNESS 6MM
15	3078-1615	FAN HOLDING FIXTURE	2	EA	DIA 26" HEIGHT 9" THICKNESS 9MM
16	UV240	ELECT OVEN	1	EA	input volt:200-240v temp range:upto 100 °c with indication and adjustment of temperature accuracy: ±5 °c size: (internal space)l-12",w-12", h-12" minimum
17	1598-300	DIGITAL HIGH GUAGE	1	ea	Range 0 to 24" accuracy:0.0005" v block6"x2" (qty 03) block accuracy 0.01mm extension for measuring rod 2" extension for measuring rod 4" extension for measuring rod 6" universal square holding arm shank 11.5x7x71mm trimose made or equivalent
18	SCREEN- 28TBC30MW	SCREEN 30 INCH MID WESTERN #28TBC(FOR SHORT PEENING MACH MC6060-S)	2	EA	



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19	SCREEN-32TBC30MW	SCREEN 32TBC	2	EA	
20	KRA429F	SNAP ON TOOL KIT DRAWER SECTION SMALL	3	EA	SNAP ON OR EQUIVALENT MOVEABLE WHEEL 07 DRAWERS
21	NT9K16	TELEPHONE SET (2616)	10	EA	WIDTH:11.25 IN (286 MM) DEPTH:7.75 IN(197 MM) DEPTH 2: 6.75 IN(171MM) HEIGHT 1 : 5.13 IN (130MM) HEIGHT 2 : 7.00 IN (178 MM) WEIGHT: 2.38 LB(1.08 KG) TEMP: 0C TO 50C (32 F TO 122 F) AUXY POWER: (3902 AND M3904 ONLY) LOCAL PLUG-IN AC TRANSFORMER FOR CARTRIDGE-STYLE ACCESORIES LOOP LENGTH: 4000 FT (1220M) 24 AWG STANDARD: MEETS OR EXCEEDS APPLICABLE CSA , UL AND EIA SPECIFICATION.COMPLIES WITH FCC REQUIREMENTS FOR HEARING AID COMPATIBLITY . MAXIMUM HANDSET VOLUME CONTROL LEVEL ARE COMPLIANT WITH AMERICANS WITH DISABILITIES ACT (ADA)
22	21B/305	STORAGE CABINET	6	EA	STORAGE CABINET 6FT HX6FT WX2 FT DEEP ,12 DRAWERS STORAGE CABINET.MATERIAL CRC E,G.GRADE 1 IMPORTED , THICKNESS 0.8MM TO 2MM . DRAWER RUNNING ON DOUBLE Ball bearing system. ALL DRAWER HAVE BUILT IN HANDLE AND CARD FRAME.DRAWEWRS HAVE CRADLE FOR HANGING CRAFT POCKET,SAFETY LOCKS MECHANISM WHICH ALLOWS ONE DRAWER TO OPEN AT ONE TIME. CABINET FITTED WITH CYLINDER LOCKS AND KEYS IN DUPLICATE . TOP 04 DRAWER OF CABINET ARE EQUALLY DIVIDED IN 12 PORTION SPECIMAN DIAGRAM IS AT THE END OF THIS TENDER
23	21F/PAF-87	FIRE EXTINGUISHER DCP 5LBS	155	EA	MADE HASEEN HABIB OR EQUIVALENT
24	6796896	WRENCH POWER	1	EA	PT NO 6796896
25	6797664	PUSHER ENTRANCE GUIDE VANE	1	EA	PT NO 6797664



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26	METCO210NS	WELDING POWDER PLASMA	200	LBS	CHEMISTRY:ZRO ₂ 24MGO PARTICLE SIZE:90+11 μM(- 170MESH+11μM) MAKE SULZER METCO OR EQUIVALENT
27	SBR227	MENDRAL	2000	EA	SIZE :20X22)G50
28	2310/PK0045233 /0635KfV034- 3(M)	1ST STAGE CARTRIDGE	6	EA	REQUIRED FOR A/C REFUELLER
29	2310/PK0045233 /0635KfV034- 4(M)	2ND STAGE CARTRIDGE	3	EA	REQUIRED FOR A/C REFUELLER
30	3002NS	METCO POWDER	20	LBS	ORIGIN :SULZOR METCO OR EQUIVALENT SPECIFICATION: COBALT ALLOY T400 MSDS AND LAB TEST REQUIRED MOLYBDINUM:27.0-30.0 CHRONIUM:7.5-9.5 SILICON:2.2-3.0 NICKLE & IRON:3.0 MAXIMUM TOTAL CARBON:0.08 MAXIMUM TOTAL OXYGEN:0.15 TOTAL MAXIMUM PHOSPHORUS & SULPHER:0.03 MAXIMUM TOTAL DIAMALLOY 3002NS CHEMISTRY CO 28 MO 8CR 2SI PARTICLE SIZE: -45 +5.5 UM(-325 MESH+5.5UM) MORPHOLOGY: WATER ATOMIZED HVOF GUNS:SULZER METCO DIAMOND JET SPECIFICATION: GE B50TF155,CLASS A
31	PAC98W	WIRE	25	LBS	REQUIRED DIA 1/8"
32	BEA-1468	TEST RIG MACHINE (L/R)	1	EA	SCOPE OF WORK:TEMPERATURE METER TN 200 EA-02 VOLT METER VN2000 EA-02 CONNECTOR85106EC83P50: EA-04 PLUG532653: EA-04 PLUG 532654EA-04 TEMP PROB48030/PT100: EA-04
33	NSL-HIGH-F- GEN-40KVA	HIGH FREQUENCY GENERATOR WITH ACCESSORIES (L/R)	1	EA	SCOPE OF WORK : H.F GENERATOR SOFTWARE CONTROL PANEL SHOWS ERROR "EMERGENCY STOP".MACHINE DOES NOT RESPOND



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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 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) Quotation received after due date / time will not be entertained. The CFA reserves the right to accept / reject the part or whole tender.
- (vi) Professional Tax certificate, Punjab is mandatory.
- (vii) Quantity can be increased / decreased at the time of order as per our requirement.
- (viii) 05% of earnest money (CDR/BD) is also required in case of qualifying (for non registered with PAC Board).

Directorate of Logistics MRF, PAC Kamra
Contact No. 051-90994294 & 4414, Fax No. 057-9317412



**STORAGE CABINET SIZE 6X6X3 FT
PART NO 21B/305**



Specification

Size : 6 ft H x 6ft W x 2 ft Deep, 12 drawers storage cabinet. Material CRC E, G. Grade 1 imported, thickness 0.8mm to 2mm. Drawer running on double ball bearing system. All drawers have built-in handle and card frame. Drawers have cradle for hanging craft pocket. Safety locks mechanism which allows one drawer to open at one time. Cabinet fitted with cylinder lock and keys in duplicate. Top 04 drawers of cabinet are equally divided in 12 portion.