

PAKISTAN AERONAUTICAL COMPLEX, KAMRA
MIRAGE REBUILD FACTORY
TENDER NOTICE NO MRF/18-19/18 DATED 22 JANUARY, 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:-

“FUSE AM 16A-500V, PRINTER EPSON 22 DOT MATRIX LQ 2190 (HEAVY DUTY), BATTERY 12 V 150AH, MILLING CUTTER 16MM, PN JO BOLT GUNN, COMPUTER INTEL CORE I3 WITH COMPLETE ACCESSORIES, COMPUTER INTEL CORE I3 WITH COMPLETE ACCESSORIES, COMPUTER INTEL CORE I3 WITH LED & COMPLETE ACCESSORIES, MOLY STUD 10-32UNF X7/8 INCH, METCO POWER, FILTER ELEMENT FOR 4274K94, COMPUTER INTEL CORE I3 WITH LED& COMPLETE ACCESSORIES, Machine Decontamina, MOLY NUT HEX 1/4-20UNC, WELDING RODGRAPHITE VARNISH, ESD UNIVERSAL SUPPORT,, ESD STANDRED SUPPORT, GO NO GO GAUGE 7X100 H6, NICKEL SULFAMATE, ELECTROD CLEANING SOLUTION, CRUCIBLE 80KGCRUCIBLE 50KG, TAPE SET M5X9 JAPAN, FURNACE COVER FIRE BRICKS MATERIAL, DLCADE RESISTORSTORAGE CABINETTRACK ALLUMINIUM WITH 5 SHELVES (9'X7'X20"), GI SHEET 8X4FTX22SWG, WELDING ROD, POWDER PLASMA, SHAVE RIVET HEAD, PORTABLE COATING THICKNESS GAUGE, EMERY POLISHING PAPER NO 4/0, SPRING BALANCE0-10 BAN, ELECTRONIC DIAL TEST INDICATOR, RATCHET BOX 8X9MM, STAND TRANSPORTION, INSULATION MULTIMETER, GREEK ASCOLOGY FORGED THICKNESS 110 L1000XW1000 MM, CALIBRATING FLUID, TROLLY OXY CYLINDER, WORK STATION FOR CCTV MONITORING, ALUMINIUM ALLOY 2014 FORGED THICK NESS 110 K 450 X W450MM0, HP LASER JET PRO (MODEL NO M402DN), NOVA PRESS 1000XUNIVERSAL 1500, CONTROL UNIT(V06324), SCANNER (V06324), COUPLING SLEVE(TEST RIG SPARE), PRINTER EPSON DOT MATRIX LQ-2190 (HEAVY DUTY), COMPUTER INTEL CORE I3 WITH LED & COMPLETE ACCESSORIES.

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 23-01-2019 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 06-02-2019 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 : 06-02-2019 before 1000 Hrs.
TENDER OPENING TIME : 06-02-2019 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



**LIST OF OPEN TENDER NO MRF/18-19/18
DATED 22-01-2019 OPENING DATE 06-02-2019**

SN O	PART NO	NOUN	U/I	Qty	SPECIFICATION
1	5920PK2070001	FUSE AM 16A-500V	EA	10	FUSE= 16 AMP LENGTH= 5 INCH WIDTH= 2 1/2 INCH SAMPLE ATTACHED
2	C11CA92001	PRINTER EPSON 22 DOT MATRIX LQ 2190 (HEAVY DUTY)	EA	1	TECHNOLOGY TYPE PRINT SPEED (TEXT) PRINT SPEED (GRAPHICS) CONSUMABLES , IMPACT LINE MATRIX 500 LINES MIINUTE 63 INCHES PER MINUTE PRINTRONIX GENUINE GOLD SERIES RIBBONS ,DYNAMIC FONT SELECTION , SLECTABLE PRINTING STYLING WITH A LARGE COMBINATION OF CHARACTER FONTS , RESIDENT CHARACTER SETS , OVER 100 MULTINATIONAL SETS , CHARACTERS PER INCH, 10,12,13.3,15,17.1,20 , LINES PER INCH , 6,8,10.3,N/72,N/216 , RESOLUTION , 180 DPI HORIZONTAL X96 DPI VERTICAL , FONTS , NLQ SERIF , NLQ SANSSERIF , DATA PROCESSING , HIGH SPEED , OR A , OCR B , BAR CODES , 30 RESIDENT SYMBOLOGIES , EMULATIONS , PRINTRONIX P-SERIES, P SERIES XQ , SERIAL MATRIX , INTERFACE AND CONNECTIVITY , RS-232 PARALLEL IEEE-1284/CENTRONICS , PAPER HANDLING , CONTINUOUS , FAN FOLDED , EDGE-PERFORATION,PAPER SIZE , PEDESTAL MODEL:3" TO 16.5" FLOOR MODEL :3" TO 17" , PAPER WEIGHT , 15 TO 100 lbs , UPTO 0.025" THICKNESS , PHYSICAL SPECIFICATIONS , PEDESTAL MODEL- HEIGHT 35" WIDTH 24.6" , DEPTH 42.5" 20.7" SHIPPING WEIGHT 115 LBS (52.2KG) FLOOR MODEL-HEIGHT 42.5"WIDTH 27.0" DEPTH 39.0" SHIPPING , ACOUSTICS , 62 DBA , TEMPERATURE , 50 TO 104 F , 10 TO 40 C AUTO-RANGING 120/240 VAC 60/50 HZ
3	6135PK23500001	BATTERY 12 V 150AH	EA	14	DRY BATTERY -12V,150 AH, WARRANTY 3 YEAR
4	851-905-007-0	MILLING CUTTER 16MM	EA	5	MILLING CUTTER 16MM (VADIUM AS PER SAMPLE)
5	APJO	PN JO BOLT GUNN	EA	1	MODEL NO 7281 SERIAL NO 642 MADE IN ENGLAND
6	21B/7010PK0008502	COMPUTER INTEL CORE I3 WITH COMPLETE ACCESSORIES	EA	8	MOTHERBOARD-INTEL H81 CHIPSET (INTEL DH82H81 PCH) OR HIGHER, PROCESSOR-INTEL ™ I3-4160 PROCESSOR (3M CACHE, 3.60 GHZ) OR HIGHER , RAM-04 GB DDR-3 OR MORE , HARD DISK-500 GB SATA RPM OR MORE , NETWORK CARD-10/100/1000 MBPS BUILT IN OR MORE , KEYBOARD & MOUSE-BRANDED , CASING-TOWER BRANDED , POWER SUPPLY-BRANDED 450 W OR HIGHER WITH BUILT IN 600/70100 VA SURGE PROTECTOR INSTALLED , DISPLAY-15.5" LED MULTIMEDIA BRANDED OR HIGHER , WARRANTY-OEM MINIMUM 03 YEARS

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7	21B/7010PK0008502	COMPUTER INTEL CORE I3 WITH COMPLETE ACCESSORIES	EA	1	COMPUTER P-IV WITH COMPLETE ACCESSORIES (LCD 15" MONITER MULTIMEDIA)
8	21B/7010PK0008503	COMPUTER INTEL CORE I3 WITH LED & COMPLETE ACCESSORIES	EA	1	MOTHERBOARD-INTEL, PROCESSOR-INTEL CORE TM I3-6100 PROCESSOR (6M CACHE,UP TO 3.70 GHZ), RAM-04 GB DDR-3 1600 MHZ/DDR-IV 1866/2133 MHZ OR HIGHER , HARD DISK-500 GB SATA,OPTICAL DRIVE: SUPER COMBO DRIVE, NETWORK CARD-10/100/1000 MBPS BUILT IN, KEYBOARD BRANDED ,MOUSE BRANDED, CASING-TOWER BRANDED , POWER SUPPLY-BRANDED , DISPLAY-19.5" LED BRANDED , 03 YEARS
9	TR10M00-87	MOLY STUD 10-32UNF X7/8 INCH	EA	50	STUD MATERIAL MDLY-LENGTH 7/8-THREAD 10-32
10	3002NS	METCO POWER	LB	20	METCO OERLIKANE, CHEMISTRY=CO28MOSER2SI , PARTICLES SIZE=-45+5.5MM
11	4274K81	FILTER ELEMENT FOR 4274K94	EA	1	PT NO: 4274K81 , NOUN: FILTER ELEMENT FOR 4274K94 , PARKER COMPANY MADE IN USA EA-01 , ISUHD201824101448
12	21B/7010PK0008503	COMPUTER INTEL CORE I3 WITH LED& COMPLETE ACCESSORIES	EA	2	MOTHERBOARD: INTEL H81 CHIPSET (INTEL DH82H81 PCH) OR HIGHER, PROCESSOR: INTEL TM 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 & 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 3 YEARS
13	1400-VA	Machine Decontamina	EA	2	Ultra clean product 1400-va manufacturer ultra clean product model 1400-va.description shoe cleaner ,fully auromatic shoe cleaner with built in cacume pump and disposable dust bags-power requirements 115v ,12.0A, 60Hz, 1 phase
14	MH7010	MOLY NUT HEX 1/4-20UNC	100	EA	Nut material Moly Length 1/4 inch
15	AMS6466	WELDING ROD	10	LB	AMS6466
16	G8450	GRAPHITE VARNISH	LTR	5	500C83G EMS52438 K0548 TYPE NPC61270-1
17	121-0015	ESD UNIVERSAL SUPPORT	EA	6	Adjustable height 430 to 570 mm.



18	877694	ESD STANDRED SUPPORT	EA	6	390mm x 406mm x 400-445mm
19	1B/1775D	GO NO GO GAUGE 7X100 H6	EA	1	Dia 0.070 inch OEM,Tesa or equalent
20	6850PK0940024	NICKEL SULFAMATE	KG	90	Chemical Formula=Ni (NH2SO3)2 , Appearance=Clear Green concentrated solution, Denstity=1.50-1.57 kg / Dm3 (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
21	HI-7061L	ELECTROD CLEANING SOLUTION	EA	25	Part no HI 7061 L , General cleaning solution
22	9970-115-290	SPECIAL SPANNER SPOKE NO 6	EA	1	Facom,Snapon, Elora
23	4430-68-900-0007	CRUCIBLE 80KG	EA	2	Local Brand
24	4430-68-900-0006	CRUCIBLE 50KG	EA	2	Local Brand
25	M5X9	TAPE SET M5X9 JAPAN	EA	3	Isihashi seiko, or equalent
26	1288-7	FURNACE COVER FIRE BRICKS MATERIAL	EA	1	Local Brand
27	MODEL-RDB	DLCAD E RESISTOR	EA	1	Resistance value= 0-10kΩ (Adjustable) OEM= USA / Equalent
28	21B/305	STORAGE CABINET	EA	3	H(6ft)x W(6ft) xD(2ft), 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 4 drawers of cabinet are equally divided in 12 portion.
29	8135PK2160002	RACK ALLUMINIUM WITH 5 SHELVES (9'X7'X20")	EA	2	Drawing available in LP section. Total 15 shelves of 20x14x36inch (12mm glass to be used for shelving.sliding glass door with aluminium sides and locks at front of rack (total dimension 9ftx7ftx8mm).alluminium sheet (5mm) to be used



					for top,back and sides of Rack.
30	30C/2292GI	GI SHEET 8X4FTX22SWG	S/FT	400	Temprature 85 degree C to 95degree C , Duration 15 to 60 minute.
31	AMS5650	WELDING ROD	LB	10	ams5650
32	METCO-308-NS	POWDER PLASMA	LBS	50	SDS/ MSDS REQUIRED
33	5130-621-2647	SHAVE RIVET HEAD	EA	1	SHAVE RIVET HEAD
34	838B	PORTABLE COATING THICKNESS GAUGE	EA	1	
35	46-730-1	EMERY POLISHING PAPER NO 4/0	SHT	200	
36	2312168	SPRING BALANCE0- 10 BAN	EA	2	
37	01830001TESAIP65	ELECTRONIC DIAL TEST INDICATOR	EA	1	measuring range=0.8mm/0.03", resolution=0.001mm /0.00005" accuracy= 10µm / 0.0004" total accuracy= 13µm/0.0005" repeatability= 1µm / 0.00004" hysteresis= 3µm / 0.0001" weight=73g / 2.6 oz measuring force(±15%)=0.13N
38	68B-8X9	RATCHET BOX 8X9MM	EA	1	Facom, Snapon, Force or competible brand
39	6796177	STAND TRANSPORTION	EA	1	
40	FLUKE-1587FC	INSULATION MULTIMETER	EA	1	1587FC 0.01 MΩ TO 2GΩ Test voltage 50,100,250,500,1000v
41	AMS5616STEEL	GREEK ASCOLOGY FORGED THICKNESS 110 L1000XW1000 MM	SHT	1	GREEK ASCOLOGY FORGED PLATE THICKNESS 110 L1000XW1000 MM
42	MIL-C-7024	CALIBIRATING FLUID	GL	110	specific gravity @ 15.6 / 15.6° C = 0.770± 0.005 , viscosity @ 25° C cst=1.17±0.05, iitial boiling point °C=149minimum, Final Boiling point°C=210 minimum, Flash point TCC,°C= 38 minimum
43	4G/PAF-84	TROLLY OXY CYLINDER	EA	2	4G/PAF-84, Could carry 04 cylinders,Towable with wheel locking mechnasim,Quick and easy cylinder replacement, Control pannel having regulator gauges, Regulator specification(0-4000 psi), Oxygen pressure gauge range90-4000 psi), Calibration of gauges valid for minimum 01 year, 02 HP(s-4) hose pipe with steel end fitting (4ft and 60ft) (6000 psi hyd proof test and 6000psi pneumatic proof test, intel working pressure



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					3000psi, max intel working pressure 4500psi, Temperature range -15°C to +60°C, maximum outlet pressure 3000psi (adjustable from 200 to 3000psi), Relative humidity 0-100% non condensing, inlet gauge 2 1/2 0-6000 psi, outlet gauge 2 1/2 0-4000psi, dimension(LxVxH) 8x4x5 feet weight approx 350, 01 spare tyre and qty 02 special adpater for charging and 01 complete tool kit for maintenance, 01 year warranty for complete trolley and sub assemblies, operating /maintenance manual with detail IPB for sub assemblies.
44	PRODESK400G2	WORK STATION FOR CCTV MONITORING	EA	1	Chasis=micro tower, processor intel core I 5 6500, 3.2 ghz, 6m cache. generation; 6th chipest intel q170, type elite 800 series RAM; 4 gb ddr4, hard disk 500gb, sata audio/ graphic built in optical drive dvd/rw network adpater built in key board / mouse , windows 10 pro 64 bit licensed
45	AMS4135ALUMINIUM	ALUMINIUM ALLOY 2014 FORGED THICK NESS 110 K 450 X W450MM0	SHT	4	ALLUMINIUM ALLOY AISI 2014 forged block thickness 110mm, L450 x W 450 mm
46	7020PK1480002	HP LASER JET PRO (MODEL NO M402DN)	EA	1	Model no M402 DN
47	610-100-033-0NOVAPRESS	NOVA PRESS 1000XUNIVERSAL 1500	SH	30	
48	VJ2000C	CONTROL UNIT(V06324)	EA	1	NSN= 4920-01-100-9210, oem, glenair usa or equal, oem conformance 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.
49	VJ2000S	SCANNER (V06324)	EA	1	NSN=4920-01-100-2751, reference= 2j-t56-53 wp 261, oem= glenair inc usa or equalent 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.
50	BOWEX-M-28	COUPLING SLEVE (TEST RIG SPARE)	EA	2	
51	C11CA92001	PRINTER EPSON DOT MATRIX LQ-2190 (HEAVY DUTY)	EA	1	printer epson LQ-2190 heavy duty



52	21B/7010PK0008503	COMPUTER INTEL CORE I3 WITH LED & COMPLETE ACCESSORIES	EA	4	Motherboard=intel®, processor= intel® core tm i3-6100 processor (3M cache up to 3.90 ghz) or higher generation in core i3 only.RAM= 04 gb DDR-III L 1333/1600 MHZ / DDR-iv 2133/2400 mhz. Hard disk= 500gb sata. Optical drive=super combo drive, network card=10/100/1000 mbps built in, key board and mouse= branded, casing=tower, power supply=branded, display 19.5" led branded warranty= 03 years
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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 90-120 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.

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

