

PAKISTAN AERONAUTICAL COMPLEX, KAMRA MIRAGE REBUILD FACTORY

TENDER NOTICE NO MRF/15-16/02 Dated 26 August, 2015.

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

“ELECTRONIC MICTOMETER WITH DIGITAL DISPLAY 225-250 MM, NOZLLE ASSY 1/4 SUPER SONIC, PRESSURE TRANSDUCER, SETTING RING GAUGE, TS 480 COMPLEX, DIELECTRIC METER 500VA L/R, POWER SHEARING MACHINE, PRIMARY (ARGON / NITROGEN SUPPLY) HOSE, ELECTRON BEAM WELDE L/R, HEMATOLOGY ANALYZER, SHOES RIGGING S-6, SHOES RIGGING S-7, SHOES RIGGING S-8, SHOES RIGGING S-9, SHOES RIGGING S-10, SHOES RIGGING S-11, UNDER GROUND CABLE 100 PAIR 0.6MM WITH TERMINATION LAYING, UNDER GROUND CABLE 20 PAIR, UNDER GROUND CABLE 10 PAIR, TELEPHONE SET (3902), TELEPHONE SET (2616), STORAGE RACK STEEL 6X6X3 FT, WALKTHROUGH GATE METAL DETECTOR, WALKIE TALKIE SET HANDHELD, SPRING TEST MACHINE L/R, FOOT STEP STEEL 5X3X4 FT, UPS (5KVA) L/R, BATTERY 12 V 150AH, ROLL CAB SINGLE BANK (08 DRAWERS RED), DESELGENERATOR R 25100A MODEL YANMAR S NO 567 L/R, MICRO SCOPE, COMPUTER INTEL CORE I3 WITH (LED 18.5 INCH), GUN BODY, RUBBER SPL, PRINTER LASER JET P3015D, CLOSED LOOP POWDER FEED UNIT, FLAME SPRAY GUN, DIAMOND JET HYDROGEN GAS REGULATOR, SURTONIC DUO L/R, POTASSIUM PER MAGNATE, MAGNA VALVE, TEMP SENSING UNIT, BRASS WIRE 0.45 MM, ADAPTER LIFTING, ADAPTER PIVOT POWER WRENCH, AUTO FIRE CONT SYSTEM, WIRE, TOOL BOX WITH DRAWER, EXT HONE MACHINE L/R, UNIVERSAL MILLING HURRON(TNC) L/R, LUCAS HORZ BORING L/R, SAFETY SHOES WITH STEEL TOE, COMPUTER P-D WITH COMPLETE ACCY, PRINTER EPSON DOT MATRIX LQ-2190”.

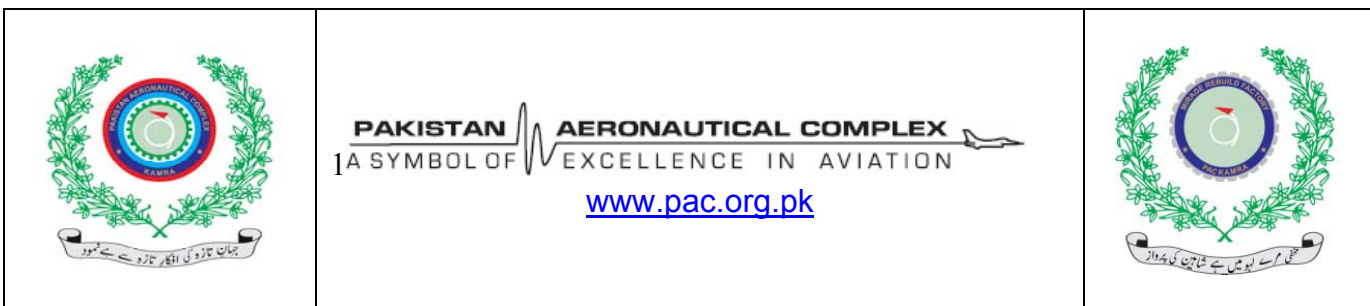
2. Bidding list can also be downloaded from PPRA website www.ppra.org.pk and as well as PACB website www.pac.org.pk free of cost or can be collected from DTE of Log (LP Section) MRF PAC Kamra Distt Attock from 27-08-2015 during working hours (except holidays).

3. The bids, prepared in accordance with the instruction in the bidding documents, must reach at Mirage Rebuild Factory PACB Kamra **before 09-09-2015 at 1000 Hrs. Bids 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 : 09-09-2015 before 1000 Hrs.
TENDER OPENING TIME : 09-09-2015 at 1100 Hrs.

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

(TANVIR AHMED)
DIRECTOR LOGISTICS
MRF PACB KAMRA
DISTT ATTOCK
Phone No 051-90994294 & 4414,
Fax No. 057-9317412



**LIST OF OPEN TENDER NO MRF/15-16/02
DATED 26-08-2015 OPENING DATE 09-09-2015**

SNO	PART NO	NOUN	QTY	U/I	SPECIFICATION
1	6030076	ELECTRONIC MICTOMETER WITH DIGITAL DISPLAY 225-250 MM	1	EA	PART NO 6030076, RANGE 225-250 MM, ACCURACY 0.001 MM
2	245840	NOZLLE ASSY 1/4 SUPER SONIC	1	EA	INTERNAL DIA OF NOZZLE SHOULD BE 1/4" ORIGIN VACU BLAST CORP OR EQUIVALENT
3	060-F782-08	PRESSURE TRANSDUCER	1	EA	MODEL =FPA, RANGE=60 INCH, SUPPLY=15-28 VDC, OUTPUT=0-10VDC, MAKE: HONEYWELL USA, CALIBRATION CERTIFICATE FROM ISO CERTIFIED LAB.
4	355E-240MM	SETTING RING GAUGE	1	EA	SIZE 240 MM, ACCURACY ± 0.004 MM, BROUCHER AVAILABLE IN LP.
5	33C/NIV-L-62	TS 480 COMPLEX	50	KG	DESCRIPTION:- COLOUR : LIGHT BROWN. DENSITY : 0.8, APPROXIMATELY, PH : 7 APPROXIMATELY (1% SOLUTION) WITH MSDS ETC
6	DMG500	DIELECTRIC METER 500VA L/R	1	EA	THE TESTER IS USED FOR TESTING THE CONDUCTIVITY OF PLATING LAYER. SCOPE OF WORK " THE TESTER IS GIVING THE SIGNAL OF " END OF TEST" INSTEAD OF "PASS" OR "FAIL". MAKE SEFELEC, FRANCE.
7	78251	POWER SHEARING MACHINE	1	EA	1. CUTTING THICKNESS=0.6-5MM STEEL SHEETS, 2. BED SIZE=1200MM, 3. HEIGHT OF TABLE ABOVE FLOOR=880MM , 4. LENGTH OF SHEAR BLADE=1245MM, 5. MOTOR SPEED=1000RPM, 6. HOLD DOWN PRESSURE=400KG, 7. STORK OF TOP BLADE BEAM=65MM, 8. FLY WHEEL SPEED=228RPM, 9. NO OF CUTTING PER MINUTE=NOT LESS THAN 20
8	7MC224	PRIMARY (ARGON / NITROGEN SUPPLY) HOSE	1	EA	HOSE LENGTH REQUIRED 13 FEET. USED WITH 7MC II PLASMA SPRAY PLANT. MANUFACTUER OF SULZER METCO
9	MARK_7_VX.2_108X62X9 2	ELECTRON BEAM WELDE L/R	1	EA	EB GUN 60KV (FERRANTI SCIAKY E-M6465) USA , VACCUM CHAMBER = 1X10 ⁻⁴ TORR, AXIS: 05 , SIZE OF VACUM CHAMBER: 108" X 62" X 92" , SCOPE OF WORK " REPAIR / REPLACE OF 05 AXIS SERVO CONTROL SYSTEM. , REPAIR / RETROFIT OF MACHINE CONTROL SYSTEM. SERVICEABILITY OF COOLING / VACUUM SYSTEM. ONE YEAR WARRANTY OF ELECTRONIC SYSTEM. FOUR WEEKS OPERATOR TRAINING ON MACHINE (MAINTENANCE, OPERATION & TROUBLESHOOT). VENDOR WILL PROVIDE MISSING AND DAMAGE MECHANICAL PARTS IF ANY. ALL RELATED DOCUMENTS IN



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					ENGLISH 02 SETS, CALIBRATION / VALIDATION OF SYSTEM. BACKUP OF SOFTWARE SUPPORT.
10	6520-82-125-0024	HEMATOLOGY ANALYZER	1	EA	ANALYSIS PRINCIPAL=WBC:DC DETECTION METHOD, RBC/PLT: DC DETECTION METHOD, HGB :NON-CYANIDE HEMOGLOBIN ANALYSIS METHOD. PARAMETERS :WHOLE BLOOD MODE ,PRE DILUTED MODE, WBC,RBC,HGB,HCT,MCV,MCH,MCHC,PLT, %,MXC%NEUT%,LYM,MXD,NEUT,RDW-SD,RDW-CV,PDW,MPV,PCT,P-LCR , TROUGHPUT:APP 60 SAMPLES PER HOUR, SAMPLE VOLUME WB MODE APP,50UL , PD MODE APPROX,20UL , SAMPLE ID :UP TO 15 CHARACTERS QUALITY CONTROL MATERIAL :EIGHT CHECK-3WP (LOW ,NORMAL .HIGH) QUALITY CONTROL 60 PLOTSX6 FILES, CALIBRATED MATERIAL:SCS-1000, DIMENSION (W X D X H): MAIN UNIT 420X355X480 MM, WEIGHT: APP 30KG, DATA STORAGE: XP-100 (UP TO 35000) WITH HISTOGRAM XP-300 (UP TO 40,000) WITH HISTOGRAM, PRINTER: BUILT IN THERMAL PRINTER, INTERFACES :LAN (ETHERNET FOR HOST COMPUTER) BAR CODE READER (HAND HELD), SERIAL PORT: FOR HOST COMPUTER (RS-232C),GRAPHIC PRINTER (OPTION)LAN (SNCS SERVICE)
11	22D/8430PK0001395	SHOES RIGGING S-6	70	PR	SIZE 6, BEST & FINE QUALITY / AS PER SAMPLE
12	22D/8430PK0001396	SHOES RIGGING S-7	70	PR	SIZE 7, BEST & FINE QUALITY / AS PER SAMPLE
13	22D/8430PK0001397	SHOES RIGGING S-8	70	PR	SIZE 8, BEST & FINE QUALITY / AS PER SAMPLE
14	22D/8430PK0001398	SHOES RIGGING S-9	70	PR	SIZE 9, BEST & FINE QUALITY / AS PER SAMPLE
15	22D/8430PK0001399	SHOES RIGGING S-10	70	PR	SIZE 10, BEST & FINE QUALITY / AS PER SAMPLE
16	22D/8430PK0001400	SHOES RIGGING S-11	70	PR	SIZE 11, BEST & FINE QUALITY / AS PER SAMPLE
17	5E/NIV-L-87AB	UNDER GROUND CABLE 100 PAIR 0.6MM WITH TERMINATION LAYING	500	MTR	100 PAIR 0.6MM WITH TERMINATION LAYING. NOUN DESCRIPTION , 1. CONDUCTOR 0.6MM, 2. INSULATION COLOUR HIGH MOLECULAR WEIGH SOLID HIGH-DENSITY POLYETHYLENE., 3. COLOUR CODING CABLE SHOULD BE FULLY COLOUR CODED IN ACCORDANCE WITH PIC EVEN COUNT COLOUR CODE.. 4. PAIRING TWO COLOURED INSULATED CONDUCTORS SHOULD BE UNIFORMLY TWISTED., 5. FILLING COMPOUND WATER RESISTANT FILLING COMPOUND SHOULD BE APPLIED., 6. CORE COVERING A NON-HYGROSCOPIC AND DIELECTRIC POLYESTER TAPE AND WATER BLOCKING SHOULD BE APPLIED HELICALLY.. 7. FLOOD COMPOUND SUFFICIENT FLOODING COMPOUND SHOULD BE APPLIED BETWEEN



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					<p>CORE WRAP AND SHIELD. 8. MOISTURE BARRIER AN ALUMINUM TAPE WITH INNER SHEATH CO-POLYMER COATING SHOULD BE APPLIED OVER THE CABLE CORE AND SHEATH WITH BLACK POLYETHYLENE COMPOUND., 9. JACKET BLACK HIGH MOLECULAR WEIGHT LOW DENSITY POLYETHYLENE COMPOUND., 10. IDENTIFICATION AN IDENTIFICATION TAPE DURABLE MARKED WITH MANUFACTURE NAME SHOULD BE PLACED UNDER THE CORE COVERING TAPE., 11. SERVICE DIGGING (3 FEET DEEP , KACHA SOIL 2930 MTR, PAKKA SOIL 30 MTR, ROAD BORING 40 MTR) SAND BED (6 INCH), BRICKS, LAYING, WARNING TAPE AND BACK FILLING. (WITH TERMINATION LAYING).</p>
18	5E/NIV-L-78	UNDER GROUND CABLE 20 PAIR	100 0	MTR	<p>20 PAIR, DESCRIPTION , 1. CONDUCTOR 0.6MM, 2. INSULATION COLOUR HIGH MOLECULAR WEIGH SOLID HIGH-DENSITY POLYETHYLENE., 3. COLOUR CODING CABLE SHOULD BE FULLY COLOUR CODED IN ACCORDANCE WITH PIC EVEN COUNT COLOUR CODE.. 4. PAIRING TWO COLOURED INSULATED CONDUCTORS SHOULD BE UNIFORMLY TWISTED., 5. FILLING COMPOUND WATER RESISTANT FILLING COMPOUND SHOULD BE APPLIED., 6. CORE COVERING A NON-HYGROSCOPIC AND DIELECTRIC POLYESTER TAPE AND WATER BLOCKING SHOULD BE APPLIED HELICALLY.. 7. FLOOD COMPOUND SUFFICIENT FLOODING COMPOUND SHOULD BE APPLIED BETWEEN CORE WRAP AND SHIELD. 8. MOISTURE BARRIER AN ALUMINUM TAPE WITH INNER SHEATH CO-POLYMER COATING SHOULD BE APPLIED OVER THE CABLE CORE AND SHEATH WITH BLACK POLYETHYLENE COMPOUND., 9. JACKET BLACK HIGH MOLECULAR WEIGHT LOW DENSITY POLYETHYLENE COMPOUND., 10. IDENTIFICATION AN IDENTIFICATION TAPE DURABLE MARKED WITH MANUFACTURE NAME SHOULD BE PLACED UNDER THE CORE COVERING TAPE., 11. SERVICE DIGGING (3 FEET DEEP , KACHA SOIL 2930 MTR, PAKKA SOIL 30 MTR, ROAD BORING 40 MTR) SAND BED (6 INCH), BRICKS, LAYING, WARNING TAPE AND BACK FILLING. (WITH TERMINATION LAYING).</p>
19	5E-PAF60	UNDER GROUND CABLE 10 PAIR	200 0	MTR	<p>10 PAIR, DESCRIPTION , 1. CONDUCTOR 0.6MM, 2. INSULATION COLOUR HIGH MOLECULAR WEIGH SOLID HIGH-DENSITY POLYETHYLENE., 3. COLOUR CODING CABLE SHOULD BE FULLY COLOUR CODED IN ACCORDANCE WITH PIC EVEN COUNT COLOUR CODE.. 4. PAIRING TWO COLOURED INSULATED CONDUCTORS SHOULD BE UNIFORMLY TWISTED., 5. FILLING COMPOUND</p>



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					WATER RESISTANT FILLING COMPOUND SHOULD BE APPLIED., 6. CORE COVERING A NON-HYGROSCOPIC AND DIELECTRIC POLYESTER TAPE AND WATER BLOCKING SHOULD BE APPLIED HELICALLY.. 7. FLOOD COMPOUND SUFFICIENT FLOODING COMPOUND SHOULD BE APPLIED BETWEEN CORE WRAP AND SHIELD. 8. MOISTURE BARRIER AN ALUMINUM TAPE WITH INNER SHEATH CO-POLYMER COATING SHOULD BE APPLIED OVER THE CABLE CORE AND SHEATH WITH BLACK POLYETHYLENE COMPOUND., 9. JACKET BLACK HIGH MOLECULAR WEIGHT LOW DENSITY POLYETHYLENE COMPOUND., 10. IDENTIFICATION AN IDENTIFICATION TAPE DURABLE MARKED WITH MANUFACTURE NAME SHOULD BE PLACED UNDER THE CORE COVERING TAPE., 11. SERVICE DIGGING (3 FEET DEEP , KACHA SOIL 2930 MTR, PAKKA SOIL 30 MTR, ROAD BORING 40 MTR) SAND BED (6 INCH), BRICKS, LAYING, WARNING TAPE AND BACK FILLING. (WITH TERMINATION LAYING).
20	NTMN32	TELEPHONE SET (3902)	17	EA	1. SINGLE-LINE, 2. 2X24 CHARACTER DISPLAY., 3. 6 FIXED FEATURE KEYS (OPTIONS, MESSAGE, TRANSFER, GOODBYE, HOLD AND &# 039:SMART')., 4. INTERACTIVE SOFT KEYS FOR QUICK FEATURE ACCESS., 5. HAND FREE., 6. USER-SELECTABLE RING TONE. 7. MULTIPLE LANGUAGE SELECTION., 8. SUPPORTS AMPLIFIED HEADSETS AND ONE SNAP-IN CARTRIDGE ACCESSORY.,9. NAVIGATION CLUSTER. 10. DESK OR WALL MOUNT.
21	NT9K16	TELEPHONE SET (2616)	2	EA	1. SINGLE-LINE., 2. 2X24 CHARACTER DISPLAY., 3. 6 FIXED FEATURE KEYS (OPTION, MESSAGE, TRANSFER, GOODBYE, HOLD AND &# 039:SMART & # 039:)., 4. INTERACTIVE SOFT KEYS FOR QUICK FEATURE ACCESS.,5. HANDS FREE., 6. USER-SELECTABLE RING TONE. 7. MULTIPLE LANGUAGE SELECTION.,8. SUPPORTS AMPLIFIED HEADSETS AND ONE SNAP-IN CARTRIDGE ACCESSORY. 9. NAVIGATION CLUSTER. 10. DESK OR WALL MOUNT., WARRANTY OF AT LEAST ONE YEAR FROM DATE OF ACCEPTANCE AND REPLACEMENT OF U/S SET WITH NEW ONE OR EQUIVALENT.
22	21B/NIV-L-0003B	STORAGE RACK STEEL 6X6X3 FT	12	EA	SIZE 6X6X3 FT, DRAWING AVAILABLE IN LP SECTION
23	6350/PK-000-1270	WALKTHROUGH GATE METAL DETECTOR	1	EA	PORTABLE, ARCHWAY INSIDE=30 INCH WIDE,80 INCH HIGH,20 INCH DEEP, OVERALL OUTSIDE=35 INCH WIDE, 80 INCH HIGH, 20 INCH DEEP , LATEST CONTINUOUS WAVE MULTIPLE SENSOR MEASUREMENT/TECHNOLOGY, LD DISPLAY ON HEADER PANEL AS WELL AS ON THE SIDE PANEL SHOWS THE HEIGHT OF THE WEAPON



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					BEING CARRIED WITH RESPECT TO THE HUMAN BODY 18 INDEPENDENT DETECTOR ZONE, INTEGRATED FLOOR MOUNTING BOOTS, TRAFFIC PACING STOP & GO LIGHTS, 180 DEGREES VIEWS ANGLE PANEL LED'S, CAPABILITY TO SHOWS TARGET LEFT ,RIGHT AND CENTER OF PERSON BEING SCREENED .EACH OF THE THREE POSITION ABOVE ARE INDICATED BY THREE SEPARATE INDEPENDENT LIGHTS , MULTI ZONE SYSTEM WITH TRUE PIN POINT DETECTION CAPABILITY, HAGC SYSTEM TO ENSURE UNIFORM DETECTION, IT CAN BE DEMONSTRATED AND PRACTICALLY COUNTED TH TOTAL NO OF ZONES BY MEANS OF SEPARATE INDEPENDENT LIGHTS , MADE USA OR EQUIVALENT, IR SENSOR, INTERNAL RECHARGEABLE BATTERY BACKUP 8-10HRS, DIMENSION ,WEIGHT AND POWER, HEADER: 34" X 44" X 25" (85X27.5X62.5C) 371 LBS (15.45KG), SIDE PANELS:91"X 9" X 27", 227.5X22.5X67.5C 144 LBS OR LATEST SPECIFICATION AVAILABLE IN MARKET,
24	10D/NIV-L-88	WALKIE TALKIE SET HANDHELD	22	EA	(HYTERA PD788 OR EQUIVALENT DIGITAL) FEATURES RANGE, 1 FREQUENCY RANGE VHF , 2 NO OF CHANNELS >99 , 3 CHANNEL SPACING 12.5/20/25 KHZ, 4 OPERATING TEMPERATURE -20 °C TO +55 °C , 5 STORAGE TEMPERATURE -40 °C TO +85 °C, 6 BATTERY BATTERY HAVING ENHANCED LIFE WITH AT LEAST 9 HOURS OPERATION IN ANALOGUE AND 13 HOURS IN DIGITAL MODE AT 5/5/90 DUTY CYCLE , 7 RF POWER OUTPUT 1W AND ≥5W USER SELECTABLE, 8 "FREQUENCY STABILITY (-20 °C TO +55 °C)" ± 1.5 PPM, 9 HUM AND NOISE " 40 DB @ 12.5 KHZ 45 DB @ 20 / 25 KHZ", 10 MODULATION LIMITING "± 2.5 KHZ @12.5 KHZ ± 4.0 KHZ @ 20 KHZ, ± 5.0 KHZ @ 25 KHZ", 11 CONDUCTED / RADIATED EMISSION " -36 DBM < 1 GHZ -30 DBM > 1 GHZ", 12 ADJACENT CHANNEL POWER " 60 DB @12.5 KHZ 70 DB @ 20/25 KHZ", 13 DIGITAL VOCODER TYPE AMBE++ OR SELP, 14 DIGITAL PROTOCOL ETSI-TS 102 361-1, 2 & 3 , 15 SENSITIVITY ANALOGUE "3.5 μV (12 DB SINAD), 0.22 μV (TYPICAL) (12 DB SINAD) 0.4 μV (20 DB SINAD)", DIGITAL 5% BER : 0.3 μV, 16 INTERMODULATION 65DB, 17 ADJACENT CHANNEL SELECTIVITY "60DB @ 12.5 KHZ 70 DB @ 20 / 25 KHZ", 18 SPURIOUS REJECTION 70 DB, 19 RATED AUDIO 500 MW, 20 AUDIO DISTORTION @ RATED AUDIO 3% (TYPICAL), 21 AUDIO RESPONSE +1 ~ -3 DB, 22 CONDUCTED SPURIOUS EMISSION < -57 DBM, 23 MODE DUAL MODE (ANALOGUE + DIGITAL), SHOULD BE COMPATIBLE WITH MOTOROLA GP2000, 24 SCAN ALLOWS TO MONITOR MULTIPLE CHANNELS AND RECEIVE CALLS.,



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					<p>25 ENCRYPTION ENHANCE BUILT-IN VOICE AND DATA ENCRYPTION WITH KEY MANAGEMENT. ATLEAST RC41 AND PREFERABLY USER CUSTOMIZABLE 256 BITS AES, 26 DATA COMMUNICATION INTEGRATED DATA PORT COMPATIBLE WITH PC ALONG WITH REQUISITE SOFTWARE / DRIVERS, 27 INTERFACE FLEXIBLE, MENU-DRIVEN INTERFACE WITH USER-FRIENDLY ICONS AND AT LEAST TWO LINES OF TEXT FOR EASE OF READING TEXT MESSAGES. 28 INDICATOR TRI-COLOUR LED INDICATOR FOR CLEAR, VISIBLE FEEDBACK OF CALLING, SCANNING AND MONITORING., 29 DISPLAY LARGE SIZE TFT COLOUR LCD DISPLAY, 30 BUTTONS ** LARGE, EASY TO USE NAVIGATION BUTTONS ALLOWS EASY ACCESS TO INITUITIVE MENU-DRIVEN INTERFACES. GRAMMMABLE BUTTONS FOR EASY ACCESS TO REQUIRED FEATURES SUCH AS ONE-TOUCH CALLING. * LARGE, TEXTURED PUSH-TO-TALK BUTTON. PROVIDES GOOD TACTILE RESPONSE AND EASY ACCESS, EVEN WHEN WEARING GLOVES.", 31 SPEAKER POWERFUL, FRONT PROJECTING SPEAKER, 32 ANTENNA SINGLE ANTENNA WITH INTEGRATED GPS MONOPOLE, 33 SEALING RATED IP57. PROTECTED AGAINST HARM FROM DUST OR WATER SPRAY., OPTIONAL FEATURES , 34 GPS "INTEGRATED GPS (WITH GPS LOCATION TRACKING), GPS PERFORMANCE : -TTFF (TIME TO FIRST FIX) COLD START < 1 MINUTE -TTFF (TIME TO FIRST FIX) HOT START < 10 SECONDS - HORIZONTAL ACCURACY < 10 METERS", 35 IP MULTI SITE IP CONNECTION , 36 SMS ATLEAST 256 CHARACTERS, 37 EMERGENCY BUTTON TO ALERT SUPERVISOR OR DISPATCHER IN AN EMERGENCY SITUATION , ACCESSORIES / MANUAL , 38 OPERATING MANUAL, 39 SERVICE MANUAL, 40 RAPID CHARGER, 41 MULTI CHARGER OPTIONAL, 42 BATTERY OPTIMIZING SYSTEM OPTIONAL, 43 HEADPHONE OPTIONAL, 44 BLUETOOTH REMOTE SPEAKER MICROPHONE OPTIONAL, 45 LEATHER COVER OPTIONAL, 46 "SOFTWARE & CABLE (PC TO RADIO)" OPTIONAL, 47 CLONE CABLE OPTIONAL, MISC 48 WARRANTY MINIMUM 02 YEARS , 49 SPARE & MAINTENANCE SUPPORT ATLEAST FOR 10 YEARS, 50 MILITARY STANDARDS : MIL-STD-810 C, D, E, F AND G STANDARDS FOR TEMPERATURE, SHOCK, VIBRATION, RAIN SALT FOG, DUST AND SAND, HUMIDITY AND SOLAR./ OR EQUIVALENT.</p>
25	SPRINGTESTT1-100	SPRING TEST MACHINE L/R	1	EA	SCOPE OF WORK " MAINTENANCE REQUIRED".



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26	21B/NIV-L-159AB	FOOT STEP STEEL 5X3X4 FT	6	EA	SIZE 5X3X4 FT, MATERIAL USED ALUMINIUM OR STEEL SHEET,WHEEL, JACK , STEEL PIPE=1 ½", STEEL SHEET OR ALUMINIUM=02MM, DRAWING AVAILABLE IN LP.
27	21IBM/NIV-L-27BB	UPS (5KVA) L/R	3	EA	SCOPE OF WORK " TO CHECK AND REPAIR AS UPS IS NOT GIVING OUT PUT".
28	61HOBART/NIV-L-30	BATTERY 12 V 150AH	8	EA	12 V, 150AH, DRY BATTERIES.
29	KRL1056A	ROLL CAB SINGLE BANK (08 DRAWERS RED)	2	EA	PART NO KRL1056A , 08 DRAWERS RED
30	42SK/NIV-L-1	DESELGENERATOR R 25100A MODEL YANMAR S NO 567 L/R	1	EA	MAKE YANMAR (JAPAN) , CAPACITY 25 KVA, SCOPE OF WORK. 1. CRANK SHAFT BY BENT, 2. CRANK SHAFT BENT, 3. PIECE (INSIDE CONNECTING ROD) WEAR OUT. 4. CONNECTING ROD NUT BROKEN. 5. PISTON DAMAGE. 6. BODY CRACK (CYLINDER) BLOCK WERE CRACKED.
31	8T8265	MICRO SCOPE	1	EA	MODEL CX 21, COMPANY NAME OLYMPUS, MADE JAPAN
32	21IBM/NIV-L-148B	COMPUTER INTEL CORE I3 WITH (LED 18.5 INCH)	1	EA	SYSTEM MODEL DG4IRQ, PROCESSOR PENTIUM® DUVAL CORE CPU E5400 @ 2.70 GHZ (2 COPUS), RAM 02 GB, HARD DISK 250 GB SEAGAT, DISPLAY 18.5" LED , SYSTEM NAME VIPER OR HP.
33	A43-546	GUN BODY	10	EA	USED FOR BLASTING MACHINE. SAMPLE CAN BE SEEN IN SHOP.
34	32C/503	RUBBER SPL	400	FT	USED FOR PROTECTION OF MACHINE WALLS FROM ABRASIVE PROJECTION. THICKNESS 5.00 MM, COLOUR WHITE.
35	21IBM/NIV-14-4A	PRINTER LASER JET P3015D	1	EA	HP LASER JET P3015 / EQUIVALENT OR HIGHER WITH OEM STANDARD WARRANTY.
36	9MP-DJ1032488	CLOSED LOOP POWDER FEED UNIT	1	EA	(I).POWDER FEEDER FLUCTION NEED TOBE ADJUSTED AND SHOULD REMAIN AT ± 2 GPM



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		(L/R)			GRAM PER MINUTES) DURING OPERATION WITH DJ2600 HVOF SPRAY GUN. (II). CALIBRATION OF 9MP DJ POWDER FEED UNIT IS REQUIRED ALONG WITH CALIBRATION CERTIFICATE. (III).QUALIFICATION OF T-400 POWDER AS PER BOEING STANDARD BSS 7072 IS ALSO REQUIRED.
37	METCO16E	METCO 16E FLAME SPRAY GUN	1	EA	MANUFACTURE METCO ORILENKON HOSE UNIT REQUIRED CA[ABLE TO USE 1/8" DIA WIRE OPERATING MANUAL REQUIRED
38	2DJRH1031549	DIAMOND JET HYDROGEN GAS REGULATOR	1	EA	ORIGIN= SULZER METCO SPECIFICATION= INLET PRESSURE=4500 PSI INLET PRESSURE=400 PSI CALIBRATION CERTIFICATE OF GUAGES IS ALSO REQUIRED FROM OEM
39	112/3115-01	SURTONIC DUO L/R	1	EA	REPAIR REQUIRED
40	33C/NIV-L-9A	POTASSIUM PER MAGNATE	500	KG	TECHNICAL QUALITY=POTASSIUM PER MAGNATE APPEARANCE=DARK PURPLE-VIOLET CRYSTAL COMPOSITION =ELEMENTS LIMITS (IN WEIGHT) KMNO4 98 % IMPURITIES (CL-)0.05% MAX
41	600851	MAGNA VALVE	1	EA	MODEL 578-24 MAGNA VALVE HIGH ACCURACY ± 5 % OFFS BUILTS IN FLOW SENSOR 6-30 LBS /MIN RANGE REQUIRES FC-24 FLOW CONTROLLER AIR TYPR SHOT PEENING MACHINES VARIABLE FLOW RATES WITH 6' CABLESTEEL SHOT
42	IC/NIV-L-286	TEMP SENSING UNIT	10	EA	ANL 302 TEMP CONTROLER,OPERATORS MANUAL IS REQUIRED OF TECHNOLOGIES COMPANY FOR CALIBRATION
43	30B/NIV-L-133	BRASS WIRE 0.45 MM	30	KG	DIA 0.45 MM
44	6796539-202	ADAPTER LIFTING	1	EA	PART NO 6796539-202
45	6796561	ADAPTER PIVOT POWER WRENCH	1	EA	PART NO 6796561
46	FCC3000	AUTOFIRE CONT SYSTEM	1	EA	TO REPLACE HALEN 1301 GAS WITH FM200 GAS PT /NO HFC227 QTY 2300 KG ALONG WITH SUITABLE CYLINDER OF MISC SIZE AND ALL ASSOCIATED WORKS.
47	PAC98W	WIRE	48	LBS	MAKE USA OR EQUIVALENT REQUIRED TO BE USED FOR METAL SPRAY ON PARTS MSDS ALSO REQUIRED.
48	TRJF-A3061BC	TOOL BOX WITH DRAWER	5	EA	TO PLACE TOOLS , DRAWINGS AVAILABLE WITH L.P SECTION
49	P2771	UNIVERSAL MILLING HURRON(TNC) L/R	1	EA	REPAIR REQUIRED OEM: HURON (FRANCE) INSTALLATION & COMMISSIONING OF CNC CONTROL SYSTEM (3 AXES) WITH PROGRAM



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					<p>PANEL ELECTRIC ACCESSORIES, RE-FABRICATION AND RE-WIRING SPINDLE AND 3-AXES MOTORS COOLING SYSTEM FOR ELECTRIC PANEL PROVIDING ON-JOB MAINTENANCE AND TROUBLE SHOOTING TRAINING AT LEAST 02 TECHNICIANS MACHINE OPERATING TRAINING AT LEAST 02 TECHNICIANS ALL RELATED DOCUMENTS IN ENGLISH (02 SET). ONE YEAR WARRANTY OF ENGINEERING AND SOFTWARE SUPPORT. CALIBRATION / VALIDATION OF SYSTEM. AFTER RECOVERY, FREE OF COST SUPPORT OF REPAIRED / RECTIFIED / UPGRADED / MODIFIED FOR NEWLY PROVIDED PARTS, FOR AT LEAST 02 YEARS FROM DATE OF SATISFACTORY OPERATION MAINTENANCE / SPARES SUPPORT AT LEAST NEXT 05 YEARS. BACKUP OF SOFTWARE SUPPORT. (SOFT COPY AND HARD COPY).</p>
50	12/8B	EXT HONE MACHINE L/R	1	EA	<p>REPAIR WORK REQUIRED OEM: EXTRUDE (USA) SOFTWARE, PLC PROBLEM HYDRAULIC SYSTEM PROBLEM RUBBER SEAL REPLACEMENT PROVIDING ON-JOB MAINTENANCE AND TROUBLE SHOOTING TRAINING AT LEAST 02 TECHNICIANS MACHINE OPERATING TRAINING AT LEAST 02 TECHNICIANS. ALL RELATED DOCUMENTS IN ENGLISH (02 SET). ONE-YEAR WARRANTY OF ENGINEERING AND SOFTWARE SUPPORT CALIBRATION / VALIDATION OF SYSTEM AFTER RECOVERY, FREE OF COST SUPPORT OF REPAIRED / RECTIFIED / UPGRADED / MODIFIED FOR NEWLY PROVIDED PARTS, FOR AT LEAST 02 YEARS FROM DATE OF SATISFACTORY OPERATION MAINTENANCE / SPARES SUPPORT AT LEAST NEXT 02 YEARS BACKUP OF SOFTWARE SUPPORT. (SOFT COPY AND HARD COPY).</p>
51	BT505768	LUCAS HORZ BORING L/R	1	EA	<p>REPAIR WORK REQUIRED OEM: LUCAS (USA) INSTALLATION & COMMISSIONING OF CNC CONTROL SYSTEM (3 AXES) WITH PROGRAM FOR RETROFITTING PANEL ELECTRIC ACCESSORIES, RE-FABRICATION AND RE-WIRING. (IF REQUIRED) PANEL COOLING SYSTEM PROVIDING ON-JOB MAINTENANCE AND TROUBLE SHOOTING TRAINING AT LEAST 02 TECHNICIANS</p>



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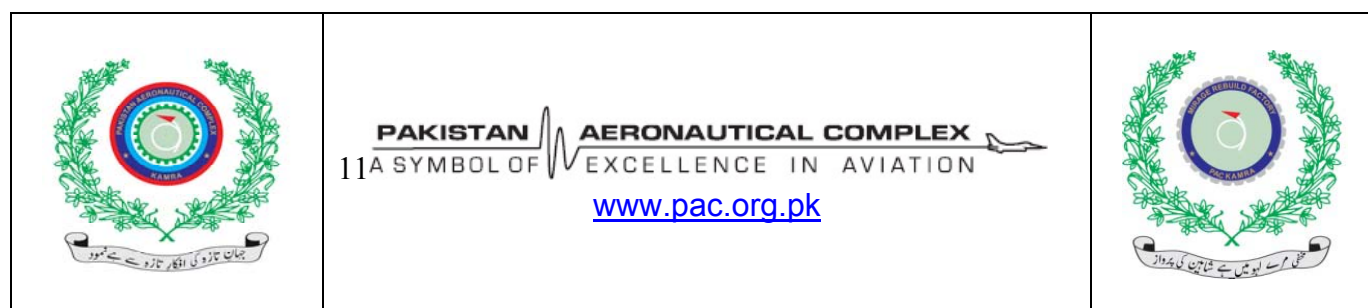
					MACHINE OPERATING TRAINING AT LEAST 02 TECHNICIANS. ALL RELATED DOCUMENTS IN ENGLISH (02 SET). ONE YEAR WARRANTY OF ENGINEERING AND SOFTWARE SUPPORT. CALIBRATION / VALIDATION OF SYSTEM AFTER RECOVERY, FREE OF COST SUPPORT OF REPAIRED / RECTIFIED / UPGRADED / MODIFIED FOR NEWLY PROVIDED PARTS, FOR AT LEAST 02 YEARS FROM DATE OF SATISFACTORY OPERATION. MAINTENANCE / SPARES SUPPORT AT LEAST NEXT 02 YEARS. BACKUP OF SOFTWARE SUPPORT. (SOFT COPY AND HARD COPY).
52	22G/NIV-L-100	SAFETY SHOES WITH STEEL TOE	99	PR	SHEOS WITH STEEL TOE FINE QUALITY
53	21IBM/NIV-L-164A	COMPUTER P-D WITH COMPLETE ACCY	2	EA	CHIPSET: INTEL H81 EXPRESS(TOWER PROCESSOR : INTEL DUAL CORE G3000 SERIES 3.0 GHZ HARD DISK:500GB SATA RAM:4GB DDR3 MOUSE & KEYBOARD(BRANDED) WITH 20" LED (BRANDED)
54	21IBM/NIV-L-103AB	PRINTER EPSON DOT MATRIX LQ-2190	01	EA	MODEL 2190 (HEAVY DUTY) OR EQUIVALENT

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 separate 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.
- (vii) Quantity can be increased / decreased at the time of order as per our requirement.

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**Directorate of Logistics MRF, PAC Kamra
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