

OPENING ON 09-12-2020

CORIGUNDUM ARF/1169/T/PC-10/LOG DATED 23-11-2020

Organization Name	Pakistan Aeronautical Complex
Address	AIRCRAFT REBUILD FACTORY PAC
City	Kamra
Tel No.	051-90992442
Terms & Conditions	<p>1. Quotations will be opened on 09 December, 2020 at 11:00 Hrs by the committee in the presence of the interested bidders, or their authorized representatives.</p> <p>2. Quotation must be typed. Hand written / Conditional quotation will not be accepted.</p> <p>3. Separate sealed technical quotes and Commercial quotes both must be deposited in 2 separate envelopes. Rates should be quoted both in words and figures clearly at commercial quotes with unit price.</p> <p>4. All quotations (Category wise) must be put in separate sealed envelope. There should be no mixing of rates and quotations (Technical quotations with Commercial quotations). More than one quotation in one envelop will be rejected.</p> <p>5. Income tax, sales tax and professional tax certificates duly attested by the concerned authority must be attached with quotations.</p> <p>6. All the rates must be valid till 30 June, 2021 otherwise quotation will not be entertained. Taxes will be imposed as per GOVT: policy and directive issued from time to time.</p> <p>7. All chemicals should be provided with COC (Certificate of Conformance), MSDS (Material Safety Data Sheet) and TDS (Technical Data Sheet) and within expiry life of minimum 02 Years.</p> <p>8. The bidder must have a branch office with valid Telephone and fax facility.</p> <p>9. Sample where applicable has to be provided by the firm for technical vetting.</p> <p>10. Category wise list is available in the office of O i/c Local Purchase and can be collected during working days from 0900-1200 hours.</p> <p>11. The quantities are estimated and may increase/decrease with respect to the requirements.</p> <p>12. The procuring agency may reject all bids/proposals or bid/proposal pertaining to a specific supplier at any time prior to tender opening. The procuring agency upon request of supplier / Vendor / Contractor will communicate the reason for rejection of quotations.</p> <p>13. Payment on delivery will be made through cheque against sales tax invoice only.</p> <p>14. Tenders are to be addressed to Director Logistics, Aircraft Rebuild Factory PAC Kamra. The quoted prices must be without GST and envelope must be marked with “TENDER FOR PROCUREMENT of “Category-1 to Category-08”. Tenders received through fax shall not be accepted.</p> <p>15. Firms not registered with PAC Board shall deposit 5% earnest money along with the quotation.</p> <p>16. Delivery must be made as per quotation after receipt of purchase order.</p> <p>17. Firm should be on ATL of FBR and will provide proof with quotation. Order should be placed and subsequently payment would be released to the firm which is on ATL of FBR</p>
Closing Time	10:30:00 am
Opening Time	11:00:00 am
Bid Validity	30/06/2021
Remarks	ARF PAC KAMRA

CORRIGENDUM ARF/1169/1/T/PC-010

CATEGORY-01 PMC SHOP				
S No	Part No	Noun	U/I	Qty
1	4710-68-900-0242	AA5052-0 SHEET 600X500X2.4MM	KG	A/R
2	9515-68-900-0158	AISI 1006 /1008 / 1010 SHEET 120X50X1.2	KG	A/R
3	4710-68-900-0309	Polycarbonate/Polymade11/Naylon Rod 160Lx30Dia	EA	A/R
4	4710-68-900-0310	2219-0 AA6061-0(SHEET)700LX450WX1.5TH	EA	A/R
5	9515-68-900-0138	SPRING WIRE UKS K08500 /SUP03/AISI1085 Dia 4mm	KG	A/R
6	4710-68-900-0281	AA7075-T6(SHEET)75THX240WX540L	KG	A/R
7	500H	ENSHU4-AXIS MILL L/R SCOPE OF WORK ENSHU 4-AXES CNC (500H) 1. Machine data to be re-entered. Machine recovered from SLC Error. 2. Repair / recovery of Main Drive Cards. 3. Repair / recovery of Input Electronic Cards. 4. Repair / recovery of Programmable Logic Controllers. 5. Repair / recovery of Fiber Interface Cable. 6. Repair / recovery of Program Memory Card (storage / memory card). 7. Six (06) months warranty of machine for serviceability.	EA	A/R
8	A14B-0076-B104	FANUC INPUT UNIT	EA	A/R
9	QD	MOTORIZED DOUBLE BEAM BRIDGE CRANE L/R	EA	A/R
CATEGORY-02 MT OPERATION				
1	2340-68-9020-0009	MOTOR CYCLE CG 125	EA	A/R
2	2340-68-900-0007	MOTORCYCLE YAMAHA ROYAL 100CC	EA	A/R
3	83-08-0004	FIFTH WHEEL ASSY	EA	A/R
CATEGORY-03 PAC WPN ENGG FLT				
1	3950-68-900-0012	WPN STORAGE TROLLEY MATERIAL PURE STAINLESS STEEL 18/16 SWG TOTAL HEIGHT 6.2 FEET TOTAL WIDTH 2 FEET TOTAL LENGTH 4.2 FEET NO OF STORAGE FOR ACCESSORIES 02 EACH SHELF HEIGHT 1 FOOT 1ST ROW IS TO BE FITTED IN CABINET AT 4" BELOW UPPER SHELF DISTANCE B/W EACH ROW 7" SUBSEQUENTLY UP TO LAST ROW . NO OF ROWS FOR STORAGE OF PISTOL 06 EACH. NO OF HOOKS ON ROW 24 EACH AT A DISTANCE OF 1 INCH. DIAL OF HOOK 8MM (4MM IRON ROD WITH 4MM PLASTIC COATING) LENGTH OF HOOK 4" EACH ROW IS TO BE PROVIDED WITH ROUND HOOK FOR WIRE LOCKING OF PISTOLS FRONT DOOR IS TO BE PROVIDED WITH DOUBLE LOCK.	EA	A/R
2	6650-68-900-0087	BINOCULAR (STEINER) M750RC (7x50 RC) MAKE STEINER OR EQUALANT CONDITION NEW AND HERITAGE WARRANTY	EA	A/R

CATEGORY-04 FTS JF-17 MRO				
1	5985-68-900-0041	<p>MULTI CHARGER (MCA08) IN PUT 12VDC 7A CHARGING CURRENT 1000MA (PER SOCKET) OPERATION TEMP 0 TO 40° c SIZE 564.5 * 119.2 * 64.3 (MM) CAPABLE OF CHARGING SIX BATTERIES OR SIX RADIOS WITH BATTERIES ATTACHED SIMULTANEOUSLY EQUIPPED WITH MULTIPLE CHARGINGPROTECTION MECHANISMS AVAILABLE FOR WALL AND DESKTOP INSTALLATION.</p>	EA	A/R
2	GZ04-FC1-65000-0-TB1	<p>ANGULAR DISPLACEMENT TESTER THIS TESTER IS USED TO MEASURE THE VOLTAGE OUTPUT BY ANDULAR DISPLACEMENT OF FC65000-0 AND TO SUPPLY DIRECTIONAL ACTIONG SOLENIOD VALVE AMDIENT TEMP MINMUM 0 TO 30° C AMBIENT HUMIDITY 80% PH WITH CONDENSATION POWER SUPPLY 220VAC AND 10A EXTERNAL DIMENSION (LXWXH : 450X400X500 MM (APPROX) COMPONENTS AND FUNCTION : CT1, CT2/CZ2, CT3/CZ3, CT4, CT5/CT5 AND CT6 SOCKET. TO CONNECT POWER SUPPLY TO TESTER AND TESTER TO TESTED PARTS. K1 SWITCH TO TURN ON POWER SUPPLY K2 AND K3 SWITCH TO CONTROL THE UP/DOWN AND EXTENSION OF THE TESTED PARTS. D INDICATING LAMP TO INDICATE DC POWER SUPPLY SX DIGITAL VOLTAGE GAUGE TO INDICATE VOLTAGE DURING OPERATION RX POTENTIOMETER TO ADJUST VOLTAGE DURING OPERATION A7 INTEGRATED OPWER SUPPLY TO CONVERT AC220V TO POWER SUPPLY REQUIRED BY TESTED PARTS. NOTE: PORVISION OF 01 SET OF SPARES IPB, MAINTENANCE AND OPERATIONAL MANUAL MAINTENANCE AND OPERATION TRAINING WARRANTY FOR 03 YEARS AFTER SALE SUPPORT FOR 05 YEARS</p>	EA	A/R
CATEGORY-05 TECH INCUB (AS)				
1	SM-23-TI	STARTING MOTOR	EA	A/R
2	CW-23-TI	COMPRESSOR WHEEL (AL-7075)	EA	A/R
3	CMC-23-TI	COMPRESSOR COVER (AL-7075)	EA	A/R
4	MS-23-TI	MAIN SHAFT (STAINLESS STEEL)	EA	A/R
5	MC-23-TI	MAIN COVER (INCONEL)	EA	A/R
6	TS-23-TI	TUNNEL SHAFT (STAINLESS STEAL)	EA	A/R
7	CB-23-TI	CERAMICS BEARINGS (26X10X8)	EA	A/R

8	FR-23-TI	FUEL RING (HPB59-1)	EA	A/R
9	BC-23-TI	BURNING CHAMBER (INCONEL)	EA	A/R
10	DF-23-TI	DIFFUSER (AL-7075)	EA	A/R
11	RS-23-TI	RPM SENSOR	EA	A/R
12	ES-23-TI	EGT SENSOR	EA	A/R
13	GV-23-TI	GUIDE VANE (INCONEL)	EA	A/R
14	GVA-23-TI	GUIDE VANE ADAPTER (INCONEL)	EA	A/R
15	TW-23-TI	TUBINE WHEEL (INCONEL)	EA	A/R
16	TP-23-TI	TAIL PIPE (INCONEL)	EA	A/R
17	CR-23-TI	COMPRESSOR RING 9AL-6061	EA	A/R

Note ; Specification may be obtained from section.

CATEGORY-06 RECOVERY CELL JF-17 MRO

1	KL-4212	STANDARD KIT	EA	A/R
2	TM-I-E	BATCH COUNTER	EA	A/R

CATEGORY-07 GOH JF-17

1	HV180E	HIGH VELOCITY FLOOR FAN Power 25KW Airvolume 18592 M/H Voltage 380v/50h No 170184-31 Pressure 341 Pa Speed 1450 r/min	EA	A/R
---	--------	---	----	-----

CATEGORY-08 H & ST SHOP

1	GDF-120/160	<p>RECTIFIER Specifications:- Purpose:- Use for Electroplating process Input Voltage:- 400VAC +5% 3 Phase Origin:- Foreign Frequency:- 50/60HZ Out Put Voltage:- 0~15 VCD Out Put Ampere:-0 0~300 Amp Power Factor:- 0.8 Rectification:- Full wave Ripple:- Not more than 2% ON FULL LOAD Regulation:- +2% Control system:- IGBT OR LATEST Cooling:- Main Transformer Air Cooled Control panel:- Portable and one mounted with rectifier Encasing:- Fitted in metal case (corrosion protected) Protections:- (a) Short Circuit (b) Phase Failure (c) Under voltage (d) Over Voltage (e) Output Over current (f) Electronic short circuit</p> <p>PLC CONTROL SYSTEM Remote PLC control modbus interface plc interface card compatible sutomation of process by setting of voltage, ampere and time according to process requirement. Control parameters for remote and manual operation</p>	EA	A/R
---	-------------	--	----	-----

		<p>start / stop constant voltage / current selection pulse plating selection manual / remote control selection dc voltage and current display AH display state and alarm leds. Control parameters / regulation constant voltage constant current time Facilities : Pulsing current control and ramp programmer communication port RS485 for remote control on HMI display DC cabling material 95mm² single core copper / PVC/PVC flex 600/ 1000V length as per requirement Publication:- Maintenance manual hard and soft copy warranty 02 years ACCEPTANCE CRITERIA OF RECTIFIER AS PER GIVEN SPECIFICATION . AFTER COMMISSIONING / INSTALLATION COMPLETE ELECTRICAL WIRING / CONTROL PANEL INSTALLATION AFTER FUNCTIONAL CHECK / TEST BY USER AGENCY SPARE PARTS AVAILABILITY WARRANTY.</p>		
2	KGDJ300/3	<p>RECTIFIER Specifications:- Purpose:- Use for Electroplating process Input Voltage:- 400VAC +5% 3 Phase Origin:- Foreign Frequency:- 50/60HZ Out Put Voltage:- 0~15 VCD (Reversible) Out Put Ampere:-0 0~300 Amp (Reversible) Power Factor:- 0.8 Rectification:- Full wave Ripple:- Not more than 2% ON FULL LOAD Regulation:- +2% Control system:- IGBT OR LATEST Cooling:- Main Transformer Air Cooled Control panel:- Portable and one mounted with rectifier Encasing:- Fitted in metal case (corrosion protected) Protections:- (a) Short Circuit (b) Phase Failure (c) Under voltage (d) Over Voltage (e) Output Over current (f) Electronic short circuit PLC CONTROL SYSTEM Remote PLC control modbus interface plc interface card compatible sutomation of process by setting of voltage, ampere and time according to process requirement. Control parameters for remote and manual operation start / stop</p>	EA	A/R

Start / stop

constant voltage / current selection

pulse plating selection

manual / remote control selection

Hot put voltage / current setting

DC voltage and current display

AH display

state and alarm leds.

Control parameters / regulation

constant voltage

constant current

time

Facilities : Pulsing current control & ramp programmer

communication port

RS485 for remote control on HMI display

DC cabling material

Copper bus bar 3/8" x6" or 3/4" x 4" length as per requirement

Publication:- Maintenance manual hard and soft copy

warranty 02 years

ACCEPTANCE CRITERIA OF RECTIFIER

AS PER GIVEN SPECIFICATION .

AFTER COMMISSIONING / INSTALLATION

COMPLETE ELECTRICAL WIRING / CONTROL PANEL

INSTALLATION

AFTER FUNCTIONAL CHECK / TEST BY USER AGENCY

SPARE PARTS AVAILABILITY WARRANTY.