

**OPENING ON 06-03-2019**  
**ARF/1169/T/PC-15/LOG Dated 19-02-2019.**

<b>Organization Name</b>	<b>Pakistan Aeronautical Complex</b>
<b>Address</b>	Aircraft Rebuild Factory PAC, Kamra
<b>City</b>	Kamra
<b>Tel No.</b>	051-90992442
<b>Terms &amp; Conditions</b>	<p>1. Quotations will be opened on <b>06 March, 2019 at 11:00 Hrs</b> by the committee in the presence of the interested bidders, or their authorized representatives.</p> <p>2. <b>Quotation must be typed. Hand written / Conditional quotation will not be accepted.</b></p> <p>3. Separate sealed technical quotes and Commercial quotes both must be deposited in <b>2 separate envelopes</b> clearly marked with <b>category</b>. Rates should be quoted both in words and figures clearly at commercial quotes with unit price. 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. <b>All the rates must be valid till 30 June, 2019 otherwise quotation will not be entertained. Besides, offered rates in commercial quotes should be marked without GST.</b> Taxes will be imposed as per Govt policies and directives issued from time to time.</p> <p>7. <b>In case of chemicals COC (Certificate of Conformance), MSDS (Material Safety Data Sheet) and TDS (Technical Data Sheet) has to be provided along with commercial quote and material must bear a minimum of 02 Years life expiry period.</b></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. Besides, any clarification (if required) pertaining to specifications / terms &amp; Conditions can be sort at Tel 051-9099000 Ext 2442.</p> <p>11. The quantities as mentioned in the lists are tentative and may vary (increase or decrease) with respect to the requirement at the time of placement of Purchase Order.</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. All payments against delivery of stores will be made through cheque only.</p> <p>14. Tenders are to be addressed to <b>Director Logistics, Aircraft Rebuild Factory PAC Kamra.</b> Tenders received through fax shall not be accepted.</p> <p>15. <b>Firms not registered with PAC Board</b> are required to deposit <b>5% earnest money</b> along with the quotation.</p> <p>16. Delivery must be made within stipulated delivery period as per quotation after receipt of purchase order.</p> <p>17. <b>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</b></p>
<b>Closing Time</b>	10:30:00 AM
<b>Opening Time</b>	11:00:00 AM
<b>Bid Validity</b>	30/06/2019
<b>Remarks</b>	ARF PAC KAMRA

S NO	PT NO	NOUN	U/I	QTY
<b>CATEGORY-01 (ARF MISC)</b>				
01	9999-68-900-0390	SEM/ Chemical Composition	EA	75
02	9999-68-900-0391	Metallography	EA	75
03	9999-68-900-0392	Hardness Testing	EA	75
04	PM3	GOM Touch Prob ATOS GOM 5M ACANNER	EA	01
05	PM1.5	GOM Touch Prob ATOS GOM 5M ACANNER	EA	01
6	R7008SB	RECEIVER	EA	3
7	AP- 2X	Veronte Autopilot Kit	EA	2
8	AP (4X)	4x Veronte Autopilot	EA	1
9	CERF001	Antenna Extension Cable	EA	6
10	CEAN231	GPS Antenna	EA	3
11	CAN-VART-CONV-2	CAN Expander	EA	2
12	FT4232HL	FTDI PROGRAMMER	EA	2
13	93LC56BT-I/OT	CRYSTAL OSCILATOR	EA	2
14	ADS1258IRTCT	ADC	EA	24
15	LTC2865HMSE#PBF	RS485 Transceiver	EA	6
16	DCM3623T50T17A6T0 0	DC-DC converter 15V	EA	4
17	OPA365AMDBVTEP	OP AMP	EA	24
18	BKP6-DIS05-11.2.16-3	Backplane 5 slots	EA	1
19	PCBSS-FCS-PS-LO- (a)	Pcb Layouting: Schemetic design supplied in Cadence Allegro	EA	1
20	PCBSS-FCS-PS-LO- (b)	Pcb Layouting: 9 layers with 2 ground layers and 1 copper layer. MIL-STD-704	EA	1
21	PCBSS-FCS-PS-LO- (c)	Pcb Layouting: Avionics standard DO-160	EA	1
22	PCBSS-FCS-BP-LO	Pcb Layouting: (a) Schemetic file in Cadence Allegro (b)5 slots backplane	EA	1
23	PCBSS-FCS-IO-LO(A)	PCB Layouting: Schemetic file in Cadence Allegro	EA	1
24	PCBSS-FCS-IO-LO(B)	PCB Layouting: IO card compliant to VITA 65 openVPX. Compliant to VITA 46.0 baseline specification	EA	1
25	PCBSS-FCS-CPU- LO(a)	PCB Layouting: Schematic File in Cadence Allegro	EA	1
26	PCBSS-FCS-CPU- LO(b)	Power PC P1010 based processor card Compliant to VITA 46.0 baseline specification	EA	1
27	PCBSS-FCS-BP-FB	PCB Fabrication : Backplane with 12 slots openVPX Compliant to VITA 46.0 baseline specification and Compilant to VITA 65 OpenVPX Size : 128 mm x 261,85mm x 5.4 mm • 5 HP from slot to slot (25.40 mm) 1"	EA	1
28	PCBSS-FCS-PS-FB	PCB FABRICATION: Power Supply card compliant to VITA 65 openVPX	EA	1

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29	PCBSS-FCS-IO-FB	PCB Fabrication : IO card compliant to VITA 65 openVPX. 800 IO's.	EA	4
30	PCBSS-FCS-CPU-FB	PCB Fabrication: Power PC P1010 based processor card complaint to VITA 65 openVPX.	EA	4
31	5M/S-AB	AIR BAG	EA	4
32	5M/S-AB	AIR BAG	EA	4
33	EK-U1-ZCU102-G	DIGITAL BASEBOARD	EA	2
34	ADRV9009W/PCB2	RF CARDADV9009 TDD WEBCARD EVALUATION BOARD	EA	3
35	783766-A	Dual-core ARM Cortex A-9 processor	EA	1
36	783766-B	Processor and FPGA (ZYNQ-7020),16 SE AI,8 Diff AI,4 AO,100 DIO	EA	1
37	784634-AC	Accessories for Dual core processor and ZYNQ-7020(12vdc desktop power supply,power plug (QTY 5)SFP+)	EA	1
38	782510-A	RF TRANCEIVER MOUDLE WITH 1 US UPDATE RATE	EA	1
39	782510-B	24 V DIGITAL OUTPUT MODULE WITH 1 US UPDATE RATE	EA	1
40	783883-RM	Accessories for rf tranceiver moudle and 24 digital output moudle	EA	1
41	UIYBDC2619A8T12	Circulator	EA	6
42	HMC903LP3E	LNA	EA	6
43	HMC773ALC3B	Mixer	EA	6
44	HMC773ALC3B	Mixer	EA	6
45	EV-ADF5355SD1Z	Signal Generator	EA	4
46	AFL05196	Band Pass Filter	EA	6
47	AM4965B1483	Band Pass Filter	EA	12
48	LEE-39+	Medium Power Amplifier	EA	30
49	EVAL-TPG-ZYNQ3	Evaluation Board	EA	1
50	BW-N10W50+	50W 10dB Attenuator	EA	5
51	BW-N20W50+	50W 20dB Attenuator	EA	5
52	BW-N30W50+	50W 30dB Attenuator	EA	5
53	BW-N40W50+	50W 40dB Attenuator	EA	5
54	SMPF-SM50+	SMP F- SMA M	EA	70
55	SMPF-SF50+	SMP F- SMA F	EA	85
56	CBL-3FT-SFSM+	RF Cable 3ft	EA	12
57	860996-01	(NI AWR SUITE) UNV_999 - Microwave Office/VSSUniversity 40-License Package w/APLAC, AXIEM, Analyst, & Analyst-MP	EA	1
58	AVA-183A+	MMIC based HPA	EA	6
59	B096QC2S	BPF	EA	12
60	EVAL- HMC346AMS8GE	Variable Attenuator	EA	12

CATEGORY-02 (PROVOST SQN)																																
01	1710-68-900-0007	<b>SPIKES</b> 1. Heavy duty 6mm thick MS section 2. Heavy duty mild steel blade cut from special 9mm thick MS iron material 3. Gravity based operation 4. Maintenance free and spring free operation 5. Independent operation for each spike 6. Vertical height of spike is 3.5 inches from the surface 7. Individually replaceable MS blades 8. Flat bar to manually lock spikes in the down position 9. 50 ton loading capacity 10. Self-balancing mechanism 11. Spaces between each spike 3.5 inches 12. Service for design, fabrication, services, delivery services and installation 13. 2 year warranty 14. Worker training		EA	03																											
CATEGORY-03 (SUPPORT METAL SHOP)																																
01	4720-68-900-0097	Square Hallow Pipe 2"x2"	MTR	600																												
02	9515-68-900-0014	M.S Sheet 2mm 4'X8'	KG	1200																												
CATEGORY-04 (FTS F-7P)																																
01	PR1422A2	Sealing Compound	BTL	10																												
CATEGORY-05 (ELECTRICAL SHOP)																																
01	BA3778H	<b>CAPACITOR 6UF</b> Rating 6.0 ± 3 UF Input Voltage 115VAC Frequency 400HZ Type Polycarbonate System F-7P/FT-7P/FT-7PG/ F-7PG		EA	As Req																											
02	BAC6708J	<b>CAPACITOR</b> Rating 1.0 ± 5 UF Input Voltage 100VAC Frequency 400HZ Type Polycarbonate System F-7P/FT-7P/FT-7PG/ F-7PG		EA	As Req																											
S NO	PT NO	NOUN	U/I	QTY																												
CATEGORY-06 (DTE OF PRODUCTION DEV)																																
1		<b>Metal Dyes</b> <table border="1"> <thead> <tr> <th>Seal Outer Diameter (D) mm</th> <th>Seal Inner Diameter (D) mm</th> <th>Angle</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>1.5</td> <td rowspan="6">Standard</td> </tr> <tr> <td>22</td> <td>3</td> </tr> <tr> <td>3.7</td> <td>1.8</td> </tr> <tr> <td>3.7</td> <td>1.5</td> </tr> <tr> <td>6.6</td> <td>1.8</td> </tr> <tr> <td>7.4</td> <td>2</td> </tr> <tr> <td colspan="3">14.15x5.8x1.5</td> </tr> <tr> <td>35.5</td> <td>3</td> <td rowspan="3">45°</td> </tr> <tr> <td>36</td> <td>3.6</td> </tr> <tr> <td>6</td> <td>2.5</td> </tr> </tbody> </table>			Seal Outer Diameter (D) mm	Seal Inner Diameter (D) mm	Angle	13	1.5	Standard	22	3	3.7	1.8	3.7	1.5	6.6	1.8	7.4	2	14.15x5.8x1.5			35.5	3	45°	36	3.6	6	2.5	EA	As Req
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Open Tender

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