

**Opening on 07 December, 2017  
ARF/1169/PC-068/LOG DATED**

<b>Organization Name</b>	<b>Pakistan Aeronautical Complex</b>
<b>Address</b>	AIRCRAFT REBUILD FACTORY PAC
<b>City</b>	Kamra
<b>Tel No.</b>	051-90992442
<b>Terms &amp; Conditions</b>	<p>1. Quotations will be opened on <b>07 December, 2017 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 in duplicate must be deposited in 2 separate envelopes. Rates should be quoted both in words and figures clearly with unit price.</p> <p>4. All quotations (<b>Category wise</b>) 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. <b>All the rates must be valid till 30 June, 2018 otherwise quotation will not be entertained.</b> Taxes will be imposed as per GOVT: policy and directive issued from time to time.</p> <p>7. <b>All chemicals should be provided with COC (Certificate of Conformance), MSDS (Material Safety Data Sheet) and TDS (Technical Data Sheet) and life of minimum 02 Years.</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.</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 <b>Director Logistics, Aircraft Rebuild Factory PAC Kamra</b>. The quoted prices must be <b>without GST</b> and envelope must be marked with <b>“TENDER FOR PROCURMENT of “Category-1, Category-2, Category-3, Category-4, Category-5, Category-6, Category-7, Category-8, Category-9 and Category-10.</b> Tenders received through fax shall not be accepted.</p> <p>15. <b>Firms not registered with PAC Board</b> shall deposit <b>5% earnest money</b> along with the quotation.</p> <p>16. Delivery must be made as per quotation after receipt of purchase order.</p>
<b>Closing Time</b>	10:30:00 AM
<b>Opening Time</b>	11:00:00 AM
<b>Bid Validity</b>	30/06/2018
<b>Remarks</b>	ARF PAC KAMRA

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Tender

S. NO	PART NO	NOUN	U/I	QTY
<b>CATEGORY-01 COMPRESSOR HOUSE</b>				
1	4130-68-900-0070	AIR FILTER ELEMENTS (SAMPLE HELD AT SHOP) <i>Required to be used on drier filter machine</i>	EA	06
<b>CATEGORY-02 HARNESS SHOP</b>				
1	JY27656T09F35PD	CONNECTOR	EA	1
2	JY27656T19B11P	CONNECTOR	EA	1
3	gy27656t25b61p	PLUG	EA	1
4	JY27467T17B35S	PLUG	EA	2
5	JY27467T21B35SA	CONNECTOR	EA	1
6	HB-F12	BAEN SHAPE	EA	2
7	HB-B20	BACK SHELL	EA	1
8	HB-F16	back shell	EA	1
9	HB-F20	BACK SHELL	EA	2
10	JY27656T21F39P	connector	EA	1
11	JY27656T21F39P	connector	EA	1
12	JY27656T23F35PB	connector	EA	1
13	JY27656T25B35PA	connector	EA	1
14	JY27656T25B43P	CONNECTOR	EA	1
15	JY27656T23F35PB	connector	EA	1
16	JY27467T17B35S	PLUG	EA	2
17	MS27497T24F35S	CONNECTOR	EA	1
18	HB-F14	BACK SHELL	EA	2
19	HB-B18	BACK SHELL	EA	1
20	HB-B24	Back Shell	EA	1
21	HB-B10	ACCY	EA	1
22	HB-F16	back shell	EA	1
23	HB-B20	BACK SHELL	EA	1
24	JY27656T11F35P	PLUG	EA	1
25	JY27656T25B35PA	connector	EA	1

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S. NO	PART NO	NOUN	U/I	QTY
26	jy27656t25b61p	PLUG	EA	1
27	JY27656T25F61P	connector	EA	1
28	JY27467T25B4S	Connector	EA	1
29	JY27656T09B98P	PLUG	EA	1
30	HB-F08	REAR NUT	EA	1
31	HB-B10	ACCY	EA	1
32	HB-B12	BACK SHELL	EA	1
33	HB-B14	BACK ASSY	EA	1
34	HB-B22	BACK SHELL	EA	1
35	HB-F24	BACK SHELL	EA	2
36	HB-B20	BACK SHELL	EA	1
37	HB-B24	Back Shell	EA	1
38	JY27466T11F35SA	PLUG	EA	5
39	JY27656T15B18S	PLUG	EA	5
40	JY27467T11F35SA	connector	EA	4
41	J27656T17F35P	connector	EA	4
42	HB-F16	back shell	EA	4
43	JY27656T09F35P	PLUG	EA	6
44	HB-F08	REAR NUT	EA	6
45	JY27467T09F98P	Connector	EA	4
46	HB-F08	REAR NUT	EA	9
47	JY27466T25B04S	connector	EA	2
48	JY27467T09F35SA	Connector	EA	5
49	HB-B24	Back Shell	EA	2
50	JY27467T13B35SN	PLUG	EA	5
51	HB-B12	BACK SHELL	EA	5
52	JY27467T15B35SN	connector	EA	5
53	JY27467T17B35SN	CONNECTOR	EA	5

S. NO	PART NO	NOUN	U/I	QTY
54	HB-B16	BACK SHELL	EA	5
55	JY27505E25B19P	CONNECTOR	EA	2
56	JY27467T25B19S	PLUG	EA	2
57	JY27656T09B98S	CONNECTOR	EA	2
58	JY27467T09B98SA	CONNECTOR	EA	2
59	HB6-92-15	TERMINAL END	EA	10
60	JY27467T11F99SN	CONNECTOR	EA	2
61	HB-F10	BACK SHELL	EA	2
62	JY27467T25B61S	PLUG	EA	1
63	JY27656T15B18S	PLUG	EA	1
64	JY27656T09B98P	PLUG	EA	1
65	JY27656T11F35P	PLUG	EA	1
66	jy27656t25b61p	PLUG	EA	1
67	HB-B08	BACK SHELL	EA	2
68	HB-F10	BACK SHELL	EA	2
69	HB-B24	Back Shell	EA	2
70	D38999/26WJ20PC	CONNECTOR	EA	2
71	JY27656T21F39P	connector	EA	1
72	JY27656T25B04P	PLUG	EA	1
73	JY27656T25B43P	CONNECTOR	EA	1
74	jy27656t25b61p	PLUG	EA	2
75	JY27467T17B35S	PLUG	EA	1
76	ZH23-19/24B-2-B	CONNECTOR WITH BACK SHELL	EA	1
77	ZH23-61/36B-2-b-B	Plug with back Shell	EA	1
78	HB-B24	Back Shell	EA	5
79	HB-B10	ACCY	EA	1
80	JY27497T10F35PA	Connector	EA	1
81	JY27497T12F35SN	Connector	EA	1
82	JY27467T11F35SA	connector	EA	1

S. NO	PART NO	NOUN	U/I	QTY
83	JY27467T11F35SA	connector	EA	2
84	HB-B10	ACCY	EA	4
85	HB-B10	ACCY	EA	1
86	D38999/20WJ20SC	CONNECTOR	EA	1
87	D38999/20WJ20SD	CONNECTOR	EA	1
88	D38999/20WJ11SB	CONNECTOR	EA	1
89	J1784/38-25W	BACK SHELL	EA	6
90	M39029/103-559	COAXIAL PIN	EA	12
91	M39029/90-529	COXIAL PIN	EA	12
92	JY27656T11F35P	PLUG	EA	1
93	JY27467T25B61S	PLUG	EA	1
94	JY27656T09B98P	PLUG	EA	1
95	jy27656t25b61p	PLUG	EA	1
96	J599/20WH35SB	CONNECTOR	EA	2
97	J599/20WH35SN	CONNECTOR	EA	2
98	J599/20MJ04SN	CONNECTOR	EA	1
99	J599/20MJ29PA	CONNECTOR	EA	1
100	J599/20MJ29PN	CONNECTOR	EA	1
101	J599/20MJ35SN	CONNECTOR	EA	1
102	J599/20FB04PN	CONNECTOR	EA	1
103	J599/20FD35PN	CONNECTOR	EA	1
104	D38999/20WB04SN	CONNECTOR	EA	2
105	J599/20KA98PA	CONNECTOR	EA	2
106	D38999/20WB04SN	CONNECTOR	EA	2
107	D38999/20FG11PN	CONNECTOR	EA	1
108	D38999/20FH54PN	connector	EA	1
109	JY27656T15F35P	CONNECTOR	EA	2
110	JY27656T13F35PN	CONNECTOR	EA	2
111	JY27497T14F18PN	connector	EA	2

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S. NO	PART NO	NOUN	U/I	QTY
112	JY27656T25F61PB	CONNECTOR	EA	1
113	JY27467T17B35S	PLUG	EA	2
114	JY27656T11F99PN	CONNECTOR	EA	1
115	D38999/20MB35PN	CONNECTOR WITH PLUG	EA	1
116	J599/20MB35PN	Connector	EA	1
117	D38999/20WD35PN	CONNECTOR	EA	1
118	JY27656T21F39P	connector	EA	1
119	D38999/20FB5PN	CONNECTOR	EA	1
120	D38999/20FJ35PN	CONNECTOR	EA	1
121	J599/20WC98PN	CONNECTOR	EA	1
122	J599/20WH35SA	Connector	EA	1
123	J599/20FF32PN	CONNECTOR	EA	1
124	JY27466T11F35SB	Connector	EA	2
125	JY27467T09F35SA	Connector	EA	1
126	JY27466T11F35SB	Connector	EA	2
127	JY27467T09F35SA	Connector	EA	1
128	M24308/2-4F-1A	32 PIN D-TYPE COVER	EA	1
129	HB-F12	BAEN SHAPE	EA	1
130	HB-B24	Back Shell	EA	1
131	HB-B22	BACK SHELL	EA	1
132	JY27656T11B35P	connector	EA	1
133	HB-B14	BACK ASSY	EA	6
134	JY27656T11B35PC	connector	EA	1
135	JY27497T10F35PB	connector	EA	1
136	HB-B18	BACK SHELL	EA	2
137	JY27497T10F35PA	Connector	EA	1
138	HB-F16	back shell	EA	1
139	HB-B08	BACK SHELL	EA	6

S. NO	PART NO	NOUN	U/I	QTY
140	HB-F10	BACK SHELL	EA	12
141	D38999/26WJ20PB	CONNECTOR	EA	1
142	J1784/38-25W	BACK SHELL	EA	6
143	D38999/26WJ20PA	CONNECTOR	EA	1
144	ZH23-61/36B-2-B	Plug with back Shell	EA	1
145	HB-B12	BACK SHELL	EA	1
146	JY27467T11F35SA	connector	EA	3
147	JY27467T11B98S	PLUG	EA	1
148	JY27467T15B18S	PLUG	EA	1
149	JY27467T25B61S	PLUG	EA	1
150	JY27467T11F35SD	Connector	EA	1
151	D38999/20WJ20SA	Connector	EA	1
152	D38999/26WJ20PE	connector	EA	1
153	HB-B08	BACK SHELL	EA	4
154	JY27467T11F35S	PLUG	EA	1
155	D38999/20WJ20SB	CONNECTOR	EA	1
156	D38999/20WJ11SA	PLUG	EA	1
157	JY27467T25B35S	CONNECTOR	EA	1
158	JY27656T25B35P	connector	EA	1
159	JY27656T09B98P	PLUG	EA	1
160	JY27497T10F35PC	Connector	EA	1
161	HB-B16	BACK SHELL	EA	6
162	HB-B16	BACK SHELL	EA	1
163	HB-B12	BACK SHELL	EA	6
164	HB-F08	REAR NUT	EA	9
165	JY27656T11F35P	PLUG	EA	2
166	HB-B14	BACK ASSY	EA	1
167	HB-F08	REAR NUT	EA	2
168	HB-B24	Back Shell	EA	1

S. NO	PART NO	NOUN	U/I	QTY
<b>CATEGORY-03 TEST EQUIPMENT MAINTENANCE SEC</b>				
1	4120-68-900-0146	AIR CONDITIONER	EA	04
<b>Specifications of Air Conditioner Cat-03</b>				
<b>S NO</b>	<b>FEATURE</b>	<b>SPECIFICATION PER UNIT</b>		
1	Cooling / Heating Capacity	1.5 Tons		
2	Power Supply	220 Volts 1 phase 50 Hz		
3	Controller	LCD/Remote		
4	Form Factor	Split		
5	Type of Compressor	DC inverter Based		
<b>CATEGORY-04 TOOL MAKING SHOP</b>				
1	104922	MACHINE VICE NZM 200	EA	01
2	3455-68-900-0001	KNARLING TOOL ROUND 0.6 L/1	EA	01
3	35455-68-900-0002	KNURLING TOOL ROUND 0.8 L/1	EA	01
<b>CATEGORY-05 ELECTRONICS SQN</b>				
1	5830/PK0013206	POWER AMPLIFIER EVQ1212	EA	01
2	5830/PK0013208	SPEAKER(400 WATTS) ELX115 400 WATTS	EA	06
3	6625/NL-OA-SC-STAND	SPEAKER STAND	EA	06
4	EV-10A/PAF-188	CORDLESS	EA	02
5	EV-CMS-1000	MIXER(DYNACARD)	EA	01
<b>CATEGORY-06 JF-17 MRO</b>				
1	DD-FC1-92000-40	AIR CRAFT EXHUST COVER	EA	06
2	GZ05-FC1-01000-0AFT1	NOSE HYDRAULIC JACK ADOPTER	EA	04
3	GZ05-FC1-01000-0WS5	Portable Working Ladder	EA	6
4	GZ05-FC1-02021-0STR3	RADAR SUPPORTING DOLLY	EA	3
5	GZ05-FC1-64010-0HFLA5	Side Rail For Engine	EA	2
6	GZ05-FC1-64010-1HFLD17	COCKPIT FLOOR	EA	4
7	GZ05-FC1-68074-1200GAE1	TAXI LIGHT, LANDING LIGHT BORE SIGHT BOARD	EA	2
8	GZ05-FC1-68081-0WS2	WORKING LADDER	EA	8
9	GZ05-JS7-42004-0AFT1	TOWING DEVICE	EA	2
10	GZ05-JS7-42004-0AFT2	HAND TWO BAR	EA	4



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S. NO	PART NO	NOUN	U/I	QTY
11	GZ05-FC1-64010-0AFT2	ENGINE OIL PAN	EA	2
12	JS7-41005-0AFT2	ENGINE RUNNING CHOCK	EA	2
13	4920PK0013697	ADJUSTABLE WORKING STOOL	EA	18
14	GZ05-FC1-31003-0-HFLD1	ELEVATOR TRANSPORT DOLLY	EA	2
15	GZ05-FC1-30003-0HFLD3	VERTICAL TAIL FIXTURE	EA	2
16	C-001/JF-IT-99003-0	SMFD COVER	EA	14
17	GZ05-FC1-01001-0HFLD4	ACCESS COVER TROLLY	EA	6
18	8145PK0013696	DEFUELING CONTAINER	EA	6
19	GZ05-FC1-06021-0STR3	CANOPY BRACKET	EA	4
20	GZ05-FC1-80001-0HFLD4	Missile Mounting Trolley	EA	2
21	GZ05-FC1-80001-0HFLD6	Pylon Mounting Trolley	EA	2
22	GZ05-FC1-00020-0STR2	LEVEL GAUGE STAND	EA	2
<b>CATEGORY-07 COMMUNICATION CENTER</b>				
1	5805-68-900-0087	DSLAM HARDWARE / 1PAM 4800	EA	01
<b>CATEGORY-08 MEDICAL SQN</b>				
1	EP6500CXS	GENERATOR 5 KVA JAPAN	EA	01
2	ECAME-FOG100	FOG MACHINE (TF-95)	EA	01
<b>CATEGORY-09 MT OPERATION</b>				
1	71-06-0001	CONVERSION TO EDD VEHICLE	EA	01
<b>CATEGORY-10 CANOPY SHOP</b>				
1	8305-68-900-0077	FABRIC CLOTH FINE	MTR	06
2	8305-68-900-0077A	FABRIC CLOTH FINE	MTR	06
3	8305-68-900-0077B	FABRIC CLOTH FINE	MTR	06
4	951.75-0516	PNEUMATIC VIBRATING KNIFE+BLADE	EA	01
5	363300	CARIX PREMIUM G48	EA	02
6	460230	CRC QUICK LEEN SPRAY CLEANER	EA	02
7	BACKER-LUBE-M100	OIL VACUM PUMP	LTR	07
8	META-FLUX70-81	MOISTENED SPRAY	EA	02

**Category-11 PACB EOD CELL / PAC WEAPON ENGINEERING FLIGHT**

1	4120-68-600-0017	Air Conditioner Split Type 1.5Ton (Reversible)	Qty-06	
2	100407/3-900	Multipurpose Sling For Rifle	Qty-400	Sample required with technical quote. Without Sample quotation would be rejected.

**TECHNICAL SPECIFICATION OF AIR CONDITIONER SPLIT TYPE (Category-11)**

Technology : Non-Inverter  
 Type : Wall Mount (Split)  
 Capacity : 1.5 Ton  
 Type : Heat & Cool  
 Installation : Complete Installation required  
 Warranty : 01 year for parts and 03 years for compressor

**TECHNICAL SPECIFICATION OF CONVERSION TO EOD VEHICLE (Category-9)**

Specific requirement of cabin	<ul style="list-style-type: none"> <li>✓ (a) 16 SWG M/S sheet will be used for flooring with ½ plywood covered with Aluminum checkered sheet on the top. ✓</li> <li>✗ (b) A ramp with anti-skid top 3.5 feet wide for movement of heavy duty robot at the back of rear cabin. ✓</li> <li>✓ (c) A separate cabin with strong hangers for EOD Suit and Fragmentation jackets.. ✓</li> <li>✓ (d) A shelf made of steel frame/lamination sheet with <u>PVC</u> lipping for storage of SOPs and manuals.</li> <li>✓ (e) A cabinet for placing EOD Manipulator and Bomb locator, EOD ropes. ✓</li> <li>✓ (f) A steel frame compartment having open steel rack, drawers, fixed boxes having sliding openings and one mesh box to place the required equipment. All compartments will be made along with fixtures so that the equipment may remain secured during vehicle movement. ✓</li> <li>✗ (g) A space 6x4x4 feet for EOD robot ✓</li> <li>(h) A compartment designed for placement and smooth operation of demolition cable, Bomb suit cable and robot tether at lower side of chassis ✗</li> <li>✗ (j) A separate cabin box made of <sup>M<sup>3</sup></sup> armour sheet having secure locking at back left side of vehicle</li> <li>✓ (k) A work station 3x5 feet for working of EOD operator with control panel and LED spot light. A 3-4 persons seat bench having separate top and storage capacity for equipment underneath. ✓</li> <li>✓ (l) Main distribution Electricity panels and sub-distribution electrical panel near work station along with required sockets, ✓</li> </ul>
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switches and electrical outlets (220V / 24 V / 12 V). Metal U channel for routing of electrical wires inside and outside vehicles. Fire proof wires should be used.

(m) All cabin lights should be LED sufficient for inside working and reading.

(n) The 12 Volt, AA, AAA, C and D type battery chargers connected with control panel.

(p) All opening door sealed with rubber to reduce blast overpressure. The edge of opening finished by plastic or rubber rings / brackets

(q) A sharp LED hazard light (slim) Blue-red color with a siren and PA system on the top driver cabin. Qty 02 LED Kojak lights at rear left and right side.

(r) Two back search light for handling of operations at night.

(s) 02 KG fire extinguisher.

(t) Trash box made of stainless steel with 6-8 liters capacity, attached with floor and with plastic removable and washable inner lining.

(u) External stickers and writing with reflecting vinyl tap as approved design.

(v) The intercom system for communication between driver's cabin and rear cabin. A see-through split between both cabins.

(w) One motorized high range light having 360 degree rotation at front top of vehicle. Two search lights at the top left and right side of vehicle.

(x) UPS 1500 Watts with batteries

(y) External power source with extension wire of 30 meter.

(z) Complete manuals of all fabrication along with technical / electrical drawing / diagram for maintenance of vehicle.