

OPENING ON 13-12-2018
ARF/1169/T/PC-11/LOG Dated 26-11-2018.

Organization Name	Pakistan Aeronautical Complex
Address	Aircraft Rebuild Factory PAC, Kamra
City	Kamra
Tel No.	051-90992442
Terms & Conditions	<p>1. Quotations will be opened on 13 December, 2018 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 clearly marked with category. 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. 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. Taxes will be imposed as per Govt policies and directives issued from time to time.</p> <p>7. 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.</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 & 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 Director Logistics, Aircraft Rebuild Factory PAC Kamra. The quoted prices must be without GST and envelope must be marked with "TENDER FOR PROCURMENT of Category-1 to Category-20". Tenders received through fax shall not be accepted.</p> <p>15. Firms not registered with PAC Board are required to deposit 5% earnest money 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. 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	30/06/2019
Remarks	ARF PAC KAMRA

S NO	PT NO	NOUN	U/I	QTY
CATEGORY-01 (PMC Shop)				
01	18CRNI4WA	STEEL PLATE 170X135X106TR Specification:- CR: 1.35-1.65 , NI : 4-4.5 , W: 0.8-1.2 , C: 0.13-0.19 , Si: 0.17-0.37 , MN: 0.3-0.6 , S:≤0.3 , P≤0.3	EA	1
02	YZB23C-3101(PMC)	Obligue Disk (MFG)	EA	1
03	YZB23C-3211(PMC)	Plunger Body(NITRIDING)	EA	30
04	YZB23C-6001(PMC)	Housing(MFG)	EA	1
05	YZB23C-4001(PMC)	Distributer(MFG)	EA	1
06	YZB23C-5101A(PMC)	Mounting Seat(MFG)	EA	1
CATEGORY-02 (Test Equipment Maintenance Section)				
01	SBQ-500	Three Phase Converter Specification:- (Input) 220 VAC 50HZ, current control with a digital display. (Output) 28 VDC Amp , 36VAC 400HZ 3 AMP, 115 VAC 400 HZ, 5 amp	EA	1
CATEGORY- 03 (Structure Repair Facility)				
01	7125/PK0010946	Rack Steel Shelving Specification:- Heaight:64" Length : 35" Width : 18" Shelves : 03	EA	6
CATEGORY- 04 (Airframe Accy Shop No 02)				
01	XSF-40D	Flow Meter Input Volt AC 220V Input Signal 4 to 20PA Specification:- Pneumatic system pressure : 0-10 kg/cm ² Flow rate : 35 L/min (minimum) Working Pressure : Pneumatic Working Pressure : 1kg/cm ² input Signal : 4 to 20 PA Input Voltage : 220V AC System : Digital used in Air Flow quantity tester Part No CTTE 4048 List of components required to be bench checked. (a) J7P-77605-10 Spherical Nozzle F-7P / F-7PG A/C (b) J7PG-7605-10 Spherical Nozzle F-7P/ F-7PG A/C (c) J7-7601-50 shuttle off valve F-7P/F-7PG A/C (d) J7-7601-20 Air supply cock FT-7P / FT-7PG A/C	EA	2
CATEGORY-05 (GOH JF-17)				
01	2654127	Inspection Lamp	EA	4
02	18/NIV-L-124	Insulation Tester	EA	2
03	5120-00-184-8405	Crow Foot 22MM	EA	6
04	5110-68-900-0068	Scraper Triangular	EA	3
CATEGORY-06 (Tool Making Shop)				
01	TEXA-FULID903-TX	Machine Oil (Code 041600080)	LTR	120

**Open
Tender**

S NO	PT NO	NOUN	U/I	QTY
CATEGORY-07 (Pylon Shop)				
01	XQ-2-1064	Copper Clade Specification:- High quality gloss fiber board double sided copper clad (FR4) PCB,s size 12"x12" Thickness = 35x35u or 18x18u	EA	10
02	XQ-2-1065	LPKF Milling Component Specification:- Equipment used for making pf proto type PCB,s on LPKF set of equipment Universal LPKF=0.2 mm ,Mil point LPKF=0.8mm , End mill LPKF=1mm,2mm,3mm Drill LPKF=0.7 mm , 0.9mm , Spiral Drill LPKF=2mm	EA	1
03	01-0215-01	Screen Printing Cloth Specification:- weave type =plain , material =100% polyester , stainless steel wire width = minimum 1 mtr , Thread diameter=27-350 micron , Mesh opening =25-1068 Thickness=46-693 micron , Printing = polyester screen printing , silk screen printing type=mesh fabric , Electricity =low	MTR	5
04	01-0215-03	Screen Printing Paint Specification:- Color=black , Viscosity =(25°c vt04)=300+-10ps , curing condition=150°c x 40 min , Adhesion=100/100 , Surface resistivity <100Ω/, Hardness = ≥4h Solder resistance=260°cx5sec, Uses=screen printing.	LTR	2
05	01-0215-04	E Scraper Specification:- for spreading of paint on screen printing frame size = "6"or "5"	EA	2
06	01-0215-05	Tracing Paper Specification:- A4 size glossy paper (photofinishing paper) used for tracing of schematic diagram on copper clad(copper laminated sheet).	EA	1
07	02-0215-02	Screen Printing Frame Specification:- Frame of wood use for PCB printing size 18"x18" approx.	EA	2
08	04/jxq-1-wrg-etpk	PCB	EA	5
09	03/jxq-1-wrg-etpk	PCB	EA	5
10	02/jxq-1-wrg-etpk	PCB	EA	5
Specification:- Electronic Logic Circuit Boards (PCBs) Functionality: PCB is converting logic levels and providing a amplified signal through opto-isolator and buffers. Cascaded CMOS based counter controlled through logic circuits. Temperature Profile : - 55° C to + 125° C Manufacturing Slandered : Comply AS 9100D & ISO 9001:2015 AND IPC 610 Physical Appearance : Physical dimension /any other information (as required) can be obtained from Log Dte,ARF .				

**Open
Tender**

S NO	PT NO	NOUN	U/I	QTY
CATEGORY-08 (Compressor House)				
01	9150-68-900-0143	<p align="center">CORENA S2 P-150 Oil</p> <p>Specification:- 1. Preferred OEM ~ Shell. 2. ISO Viscosity GRADE:150 3. Density @15° : 902 KG/M³ 4. Flash point COC : 240⁰C</p>	LTR	209
CATEGORY-09 (C-130 Prop Shop)				
01	GASLI	Gauge 0-35 PSI	EA	1
CATEGORY-10 (Computer Section – PP&C)				
01	7430-68-900-0496	Sanyo Pro Xtrax Multiverse Projector 8101 OR Equivalent	EA	1
CATEGORY-11 (Tech Store)				
01	7930-68-700-0242	Rag Colored (1X1 FT)	KG	AS REQ
02	8135-68-900-0020	Masking Tape 2" (Nichiban or Equivalent)	RL	AS REQ
CATEGORY-12 (Heat & Surface Treatment Shop)				
01	6685-68-900-0151	<p align="center">TUS Equipment</p> <p>Specification:- Crystal Clear Display: 12.1" Digital Color LCD (TFT), XGA Resolution (1024x768 Pixels), Clear and Intuitive operation, Industrial rugged Touch screen with rapid navigation, Custom Screen. Comprehensive Connectivity:- 10/100 Ethernet, (DHCP) Web, Email, OPC UA, FTP, TCP, IP and RS485 Modbus Protocol, Modbus Master and Slave (option), USB ports for Keyboard and mouse. Data Storage:- On-board non-volatile internal memory up to 4GB, Removable Secure Digital (SD) memory and USB storage, No moving parts-all solid state Flash memory. Security Stringent-Total Data Integrity; - Password Protection -21 CFR Part 11, ESS - extended Security System, Password Network Synchronization. Plus:- Health Watch for preventative maintenance, Remote Access-Advanced Software Data Analyses at your PC, Remote viewing Tool, Independent Chart and Logging Speeds, Global language Support, Rapid review and replay of data at recorder, Approvals -CE, CSA, UL, FM & NEMA 4X / IP66 option, Up to 50HZ (20 msec) Logging, Up to 8 Analogue Inputs, Reports-System Generated, Concurrent Batch Mode, AMS2750 Capabilities.</p>	EA	1
02	3455-68-600-3857	<p align="center">Metal Cutter</p> <p>Specification:- Operating Power : 220 VAC 10.0A Frequency : 50-60 HZ Rated input Power : 2200W RPM without Load : 3800/min Blade Diameter : 14" Chop saw Table/ base clamp with quick release. Eye Protection Plate.</p>	EA	1

Open Tender

S NO	PT NO	NOUN	U/I	QTY
CATEGORY-13 (JF-17 MRO)				
01	510299-13823	<p align="center">RADAR TOOL KIT (NP)</p> <p>Note:- Kit should be consist of following items (Western Origin)</p> <p>COMMON S/D 6" , COMMON S/D 4" , PHILIP S/D 6" , PHILIP S/D 4" PHILIP WATCH MAKER , SOCKET 19MM, SOCKET 14 MM, WRATCHET, EXT, O/E SPANNER 19X19, O/E SPANNER 14X17, O/E SPANNER 17X17, O/E SPANNER 4X5, COMBIANTION WRATCHET 10X10, COMBIANTION WRATCHET 8X8 , COMBINATION SPANNER 14X14, COMBINATION SPANNER 13X13, COMBINATION SPANNER 12X12, COMBINATION SPANNER 11X11, COMBINATION SPANNER 10X10, COMBINATION SPANNER 9X9, COMBINATION SPANNER 8X8, COMBINATION SPANNER 6X6, COMBINATION SPANNER 7X7, LONG NOSE PLIER, CUTER PLIER, , TOOL KIT (All Above Items Are In 01 Qty) ELLEN KEY (QTY 04)</p>	SET	1
02	5180-01-587-8129	<p align="center">General Maintenance Kit (NP)</p> <p>Note:- Aviation General Mechanic's kit (AGMTK), NSN 5180-01-587-8129 OR Equivalent Required.</p>	EA	1
CATEGORY-14 (Fire Flight)				
01	8120-68-900-0024	<p align="center">High Pressure Nitrogen Gas Cylinder</p> <p>Specifications:- The cylinder should be new (not painted on old / second hand cylinder) and hydrostatically tested. The serial No of the cylinder should be prominently entered on hydrostatic test report.</p>	EA	1
02	6670-68-900-0012	<p align="center">Weighing Scale</p> <p>Specifications:- To be used for weighing of high pressure cylinders up to 130 kg. Hence, the material of the weighing scale should be as strong as reliable for long time.</p>	EA	1

Open Tender

S NO	PT NO	NOUN	U/I	QTY
CATEGORY-15 Industrial Chemicals (PSG)				
02	6330-68-900-0052	Bromothymol Blue Indicator (CP)	100	GM
03	6330-68-900-0054	Bromocresole Purple (CP)	100	GM
04	6630-68-900-0051	Sodium Thiosulphate (CP)	250	GM
05	6630-68-900-0053	Conductivity SOL (CP)	300	ML
06	6630-68-900-0067	Potassium Iodide (AR)	250	GM
07	6630-68-900-0071	Potassium Chromate (CP)	200	GM
08	6630-68-900-0072	Silver Nitrate (CP)	100	GM
09	6630-68-900-0075	D-Manitole (CP)	200	GM
10	6630-68-900-0081	Methyl Red (Indicator) (CP)	100	GM
11	6630-68-900-0085	Starch (Indicator) (CP)	100	GM
12	6630-68-900-0088	Thymol Blue Indicator (CP)	100	GM
13	6630-68-900-0091	Potassium Cyanide (CP)	5	KG
14	6630-68-900-0262	Murexide Indicator (C6H8N6O6) (CP)	100	GM
15	6630-68-900-0265	Sodium Hydroxide (IND)	400	KG
16	6630-68-900-0906	Ammonium Hydrogen Citrate (CP)	300	GM
17	6810-68-900-0001	Sulphuric Acid (IND)	350	KG
18	6810-68-900-0004	Sodium Cyanide (CP)	20	KG
19	6810-68-900-0005	Alcohol (CP)	0.25	Ltr
20	6810-68-900-0007	Boric Acid (CP)	7	KG
21	6810-68-900-0010	Acid Oxalic (CP)	100	GM
22	6810-68-900-0012	Aniline Blue (CP)	80	GM
23	6810-68-900-0022	Hydro Quinon (CP)	250	GM
24	6810-68-900-00264	Sodium Phosphate (IND)	250	KG
25	6810-68-900-0030	Sodium Sulphate (CP)	1	KG
26	6810-68-900-0031	Sodium Dichromate (CP)	25	KG
27	6810-68-900-0034	Potassium Sodium Ttrate (CP)	8	KG
28	6810-68-900-0035	Ammonium Molybdate (CP)	100	GM
29	6810-68-900-0039	Potassium Nitrate (CP)	2	KG
30	6810-68-900-0040	Potassium Chloride (IND)	9	KG
31	6810-68-900-0041	Potassium Ferocyanid (CP)	250	GM
32	6810-68-900-0047	Ferrous Ammonium Sulphate (Indicator)	500	GM
33	6810-68-900-0063	Glucose (CP)	4	KG
34	6810-68-900-0066	Methyl Orange (Indicator)	100	GM

**Open
Tender**

**Open
Tender**

S NO	PT NO	NOUN	U/I	QTY
35	6810-68-900-0075	Acid Green (CP)	100	GM
36	6810-68-900-0078	Sulphuric Acid (CP)	7	Ltr
37	6810-68-900-0085	Glycerine (CP)	1	KG
38	6810-68-900-0088	Sodium Hydro Oxide (CP)	25	KG
39	6810-68-900-0090	Sodium Acetate (CP)	250	GM
40	6810-68-900-0092	Ascorbic Acid (CP)	200	GM
41	6810-68-900-0094	Sodium Sulphide (CP)	1	KG
42	6810-68-900-0099	Potassium Dichromate (CP)	250	GM
43	6810-68-900-0112	Hydrogen Peroxide (CP)	200	ML
44	6810-68-900-0113	Ammonium Persulphate (CP)	250	GM
45	6810-68-900-0131	Ammonium Sulphate (CP)	2	KG
46	6810-68-900-0133	Ammonium Hydroxide (CP)	2	Ltr
47	6810-68-900-0134	Ammonium Chloride (CP)	250	GM
48	6810-68-900-0135	Ammonium Floride (CP)	50	GM
49	6810-68-900-0141	Diphenylamine Indicator (CP)	100	GM
50	6810-68-900-0142	Ammonium Thiocynate (CP)	200	GM
51	6810-68-900-0144	Sodium Bicarbonate (CP)	2	KG
52	6810-68-900-0151	Potassium Hydroxide (CP)	1	KG
53	6810-68-900-0160	Cadmium Oxide (CP)	10	KG
54	6810-68-900-0161	Chromic Acid (CP)	50	KG
55	6810-68-900-0162	Acetic Acid (CP)	1.5	KG
56	6810-68-900-0163	Sodium Silicate (IND)	10	KG
57	6810-68-900-0171	Copper Cyanide (CP)	10	KG
58	6810-68-900-0172	Nickle Sulphate(CP) (GOH,Boeing)	10	KG
59	6810-68-900-0173	Hydroxyl Ammonium Chloride (CP)	200	GM
60	6810-68-900-0174	Magnesium Sulphate (CP)	8	KG
61	6810-68-900-0176	Lead Nitrate (CP)	100	GM
62	6810-68-900-0187	Ammonium Nitrate (IND)	10	KG
63	6810-68-900-0190	Zinc Chloride (CP)	2	KG
64	6810-68-900-0198	Acid Black (CP)	100	GM
65	6810-68-900-0201	Alzerine Red (CP)	100	GM
66	6810-68-900-0206	2-Butin-14 Diol (CP)	300	ML
67	6810-68-900-0211	Alcohol (IND)	50	KG
68	6810-68-900-0222	Sccrine (CP)	500	GM
69	6810-68-900-0253	Phosporic Acid (CP)	250	KG

**Open
Tender**

S NO	PT NO	NOUN	U/I	QTY
70	6810-68-900-0254	Nitric Acid (IND)	250	KG
71	6810-68-900-0263	Zinc Powder (CP)	1	KG
72	6810-68-900-0266	Formal Dehyde (CP)	300	ML
73	6810-68-900-0267	Sodium Lauryl Sulphate (CP)	500	GM
74	6810-68-900-0269	Zinc Oxide (CP)	10	KG
75	6810-68-900-0308	Sodium Perborate (CP)	2	KG
76	6810-68-900-0360	Sodium Carbonate (IND)	150	KG
77	6810-68-900-0375	Barium Chloride (IND)	30	KG
78	6810-68-900-0376	Barium Chloride (AR)	200	GM
79	6810-68-900-0380	Rodine (CP)	2	KG
80	6810-68-900-0397	Sodium Nitrite (IND)	150	KG
81	6810-68-900-0408	Potassium Hydroxide (IND)	7	KG
82	6810-68-900-0486	Potassium Permanganate (CP)	250	GM
83	6810-68-900-0517	Silver Cyanide (CP)	100	GM
84	6810-68-900-0518	Nickel Chloride (CP)	7	KG
85	6810-68-900-0532	Ammonium Acetate (CP)	250	GM
86	6810-68-900-0550	E.B.T (CP)	200	GM
87	6810-68-900-0551	Nitric Acid (CP)	5	Ltr
88	6810-68-900-0553	Calcium Hydroxide (CP)	5	KG
89	6810-68-900-0556	Triethylene Amine (CP)	250	GM
90	6810-68-900-0558	Nickle Alkaline Solution (CP)	200	ML
91	6810-68-900-0559	Cadmium Solution (CP)	100	ML
92	6810-68-900-0560	Bright Zinc Solution (CP)	100	ML
93	6810-68-900-0562	Hydro Floric Acid (CP)	1	ltr
94	6810-68-900-0566	Bromocroesole Green (CP)	100	GM
95	6810-68-900-0571	Sodium Chromate (CP)	250	GM
96	6810-68-900-0587	Sodium Stannate (CP)	15	KG
97	6810-68-900-0588	Hexamethylene Tetramene (CP)	200	GM
98	6810-68-900-0593	Barium Cyanide (CP)	100	GM
99	6810-68-900-0598	Ammonium Hydrogen Floride (CP)	200	GM
100	6810-68-900-0599	Phosphoric Acid Purity 85% (CP)	202	LTR
101	6810-68-900-0607	TDS Calibration Solution (CP)	250	ML
102	6810-68-900-0615	Waste Sulphite Solution (CP)	7	KG
103	6810-68-900-0806	HCL (CP)	5	Ltr

S NO	PT NO	NOUN	U/I	QTY
104	6810-68-900-0807	Tartaric Acid(C4H6O6) (CP)	200	GM
105	6810-68-900-0809	Cadmium Sulphate (CP)	250	GM
106	6810-68-900-0823	Calcium Carbonate (AR)	200	GM
107	6810-68-900-0830	HCL Ind 37% Pure (IND)	300	KG
108	6810-68-900-0882	Phenolphthalein c20h14O4 (CP)	100	GM
109	6810-68-900-0883	N-Phenylanthranilic ACID (CP)	100	GM
110	6810-68-900-0888	Sodium Diphenylamine C12 H10 O3 NS NA (CP)	200	GM
111	6810-68-900-0891	Xylenol Orange C13 H28 O13 NSN94 (CP)	200	GM
112	6810-68-900-0892	Pan Indicator (CP)	100	GM
113	6810-68-900-0893	Ammonium Perborate (CP)	150	GM
114	6810-68-900-0896	Iron Aluminum (INDICATOR)	100	GM
115	6810-68-900-0899	Potassium Hydrogen Phthalate (CBHSKO4) (CP)	150	GM
116	6810-68-900-0900	EDTA (CP)	300	GM
117	6810-68-900-0907	Potassium Hexacyanoserate Trihydrate (CP)	250	GM
118	6810-68-900-0550	E.B.T (CP)	200	GM
119	8610-68-900-0081	Sodium Chloride (IND)	15	KG
120	8610-68-900-0082	Sodium Carbonate (CP)	2	KG
121	8610-68-900-0180	Sodium Chloride (CP)	13	KG
122	8610-68-900-0186	Sodium Chloride (SOLID)	500	KG
123	9999-68-900-0381	Cadmium Brightener LE (CP)	100	ML
124	9999-68-900-1011	Colcad-100 (CP)	100	ML
125	9999-68-900-2106	Rodip ZNA-Yellow (CP)	3	KG
126	9999-68-900-2107	Rodip ZNI-Yellow (CP)	8	KG
127	BARIUM- CARBONATE	Barium Carbonate (CP)	1	KG
128	E-BRITE ZN-1-727	E-Brite ZN-1-727 (CP)	1	Ltr
129	E-BRITE ZN-1-727B	E-BRITE ZN-1-727B (CP)	1	Ltr
130	E-PREP270Booster	Stainless Steel Bright Dipping (CP)	300	ML
131	LY-204-63	Rosine (CP)	1	KG
132	NACCONAL-90F	Nacconal-90F (CP)	1	KG
133	OKITE-160	Okite-160 (CP)	7	KG
134	PC-75	Methyl Ethyl Ketone (CP)	5	Ltr
135	PH170010	Buffer Solution (CP)	300	ML
136	PH170011	Buffer Solution (CP)	300	ML
137	PH3	Buffer Solution (CP)	300	ML
138	PH4	Buffer Solution (CP)	300	ML
139	PH7	Buffer Solution (CP)	300	ML

140	TURCO-LIQUID-SPRAYZE NP-LT	Turco Liquid Sprayze (Boeing) (CP)	10	KG
141	ULTRACHROMATE 300	Ultra chromate 300 (CP)	1	KG

CATEGORY-16 (Provost Sqn)

01	6350/PK-000-1270	<p style="text-align: center;">Walkthrough Gate (Metal Detector)</p> <p>Specification:- Garrett PD 6500i (USA) OR equivalent</p> <p>Tech Specification:- Standard Programs:Over 20 application program included. Sensitivity : up to 200 distinct sensitivity levels Zone indications :33 independent zones Overhead control unit : all electronics-LCD , alarm light, LED bar graph, control touch pads integrated to eliminate wire exposure. Tamper-proof setting : Three access levels of security clearance Self diagnostic programs: complete and automatic Zone sensitivity boost : adjustable in six areas Battery pack : 10-hour or 30-hour backup available Warranty : 24 months, parts / labor Passageway interior size : width 30" (0.76m) , Height 80" (2.03m), Depth 23"(0.58m) Overall Exterior size : width 35" (0.90m) , Height 87" (2.21m) , Depth 23" (0.58m) Weight : 165 lbs Power : Fully automatic 240 VAC , 50 or 60 Hertz , 45 watts: no rewiring , Switching or adjustment needed. Construction : Attractive scratch and mar-resistant laminate. Detection heads and support heavy duty aluminum. Remote Control: desktop remote control with zone indication and /or via network with CMA interface module Alarm indicators / random alarm feature: 33 zones volume -adjustable audible tone, bright LED visual and remote alarms. Random alarms feature adjustable from 0 to 50 percent.</p> <p>Required Accessories</p> <p>01) Desktop remote Control WITH ZONE Indication (For remote operation of the detector from up to 50 feet). 02) Garret battery modules, gel cell These optional battery modules are filled installable assemblies that provide approximately ten hours of uninterrupted operation. While recharging a monitoring circuit allows the batteries to charge in less than 6 to 12 hours and then switches to trickle charge to ensure maximum charge without battery damage. The charge status is indicated on the LCD of the Garrett Walkthrough detector control panel and and alarm warns the operator when batteries are low. 03) Operational test piece (OTP) 04) Removable magna dolly 05)Transportation brace 06)Permanent magna dolly 07)Cable feed through kit 08) Environment cover soft 09)CMA wireless module 10)control monitor analyzer (CMA) 11)Remote Control 12)Pop up shelter A 5'x5' shelter ideal for outdoor use. The lightweight pop up shelter folds compactly for quick and easy transport. 13)Portable table Training 01 worker Garrett Walk through Detector training course.</p>	EA	04
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S NO	PT NO	NOUN	U/I	QTY
CATEGORY-17 (GC Flight)				
01	8470PK000138	<p style="text-align: center;">Bullet Proof Jackets</p> <p>Specification:-</p> <p>1. Composition:- (a) Front and rear soft rear armour panels (SAPS) (b) Front and rear Hard armour plates (HAPS). (c) Out cover with ventilation system-inter lining will be provided by supplier (d) 08 ammonization and utility pouches.</p> <p>2. Protection Level (a) without Armour Plates (i.e Soft Armuor Panels) : level IIIA PK. (b) With Armour Plates : Levee; III PK (c) Weight of Jacket (i) Weight of Blastic Insert (SAPS) : 1.5 to 2.5 Kg (ii) (ii) Weight of the Hard Armour Plate : 1.5 to 1.8 Kg (iii) (iii) Total Weight of the Jacket including 08 Pouches SAPs, HAPs, Complete in all respect: Not Exceeding 6.6 Kg.</p> <p>(d) Material (i) Soft Armour Panels (SAPs). The jackets should have 02 soft armour panels (SAPs) along with detachable neck and groin protection inserts, each panel /insert should be made with adequate layers of spectra or or spider silk or nano-based armour of gold flex or dyaneema or Kevlar anti ballistic campsite materials. The SAPs should be in packed in fire resistance, water proof cloth/material of black color .Blastic Covered area of a medium size not be less than 0.45 square meters (including both front and rear sides) Drawing will be provided by AHQ (Dte of Security) within 30 days of signing of contract.</p> <p>(ii) Hard Armor Panels (HAPs) . HAPs should be made of light weight spectra or spider silk or nano -based armour or gold flax dyneema of Kavlar etc anti Ballistic campsite materials. Drawing will be provided by AHQ (Dte of Security) within 30 days of signing of contract.</p> <p>Note:- Bullet Proof Jackets must be Quality Passed From Inspectorate of ARMT IBD.</p>	EA	20
02	8415-68-900-0058	<p style="text-align: center;">Bullet Proof Helmets</p> <p>Specification :-</p> <p>1. Ballistic Performance - Fragmentation: Satang 2902 v50@600m/s@17 Grain Steel fragment. 2. Ballistic Performance - Bullet Resistance: NIJ Standard 0106.01 PK standard : 1.360 Kg weight Trauma: 16mm (maximum) 3. Sizes Medium (head sizes 53-59 cm) Large (head sizes 55-64 cm) 4. Other Formalities (a) Helmets should be comfortable with re-adjustable straps (Harness fitting strap). (b) The Helmet should be flame and fire resistance . (c) It should not restrict the eye sight and hearing.</p>	EA	40

Open Tender

		<p>(d) internal surface should not cause any skin reaction .</p> <p>(e) Helmet should be robust and paint should not peel off for 03 years .</p> <p>(f) Weight should be less then 1.4 Kg.</p> <p>5. Design Configuration</p> <p>(a) Helmet should not interface with sight , gas mask , hearing protection devices and it should ensure convenient movement of head</p> <p>(b) It should allow easy use of communication equipment , Goggles and binoculars.</p> <p>(c) Colors of helmet will be subject purchaser's choice.</p>		
03	245525-001	<p>Night Vision Goggles Single Tube AN/PVS-7D</p> <p>Specification:-</p> <p>Structure: Type: Binocular (M Bridge) with Double image intensifier tube</p> <p>Holding & Mount : Hand Held , Head & held mount</p> <p>Optics: Magnification: 1X</p> <p>Field of view : 40°</p> <p>Detection Range: 300-500 Meter</p> <p>Display: Ops readiness Time : 4 to 8 second from switch on</p> <p>Color: Green , Gray scale & red</p> <p>Low Battery indicator: yes</p> <p>Operating temperature range: -40° C to +60°C</p> <p>weight and battery : 700 to 900 gram</p> <p>water proofing & Construction : Military Standard</p> <p>Power Option : Battery & adaptor info Lithium ,220 V AC & 12 v DC adaptor (Preferable)</p> <p>AA size with charging adaptor</p> <p>Operation time on Battery : 8 to 20 hours of night vision operation</p>	EA	07
04	5855-68-900-0001	<p>NVGS</p> <p>Specification:-</p> <p>Structure: Type: Binocular (M Bridge) with Double image intensifier tube</p> <p>Holding & Mount : Hand Held , Head & held mount</p> <p>Optics: Magnification: 1X</p> <p>Field of view : 40°</p> <p>Detection Range: 300-500 Meter</p> <p>Display: Ops readiness Time : 4 to 8 second from switch on.</p> <p>Color: Green , Gray scale & red</p> <p>Low Battery indicator: yes</p> <p>Operating temperature range: -40° C to +60°C</p> <p>weight and battery : 700 to 900 gram</p> <p>water proofing & Construction : Military Standard</p> <p>Power Option : Battery & adaptor info Lithium ,220 V AC & 12 v DC adaptor (Preferable)</p> <p>AA size with charging adaptor</p> <p>Operation time on Battery : 8 to 20 hours of night vision operation</p>	EA	02
05	6650-68-900-0019	Binocular	EA	4
CATEGORY-18 (MT Maintenance Flt)				
01	GDO-158	OIL FILTERS	EA	AS REQ
02	GDO-151	OIL FILTERS	EA	AS REQ
03	OT-10351	OIL FILTERS	EA	AS REQ
04	TOYOTA/90915-YZZC5	OIL FILTERS	EA	AS REQ
05	GDO-116	OIL FILTERS	EA	AS REQ
06	GDO-135	OIL FILTERS	EA	AS REQ

07	GDO-160	OIL FILTERS	EA	AS REQ
08	GDO-133	OIL FILTERS	EA	AS REQ
09	TOYOTA/90915-YZZD4	OIL FILTERS	EA	AS REQ
10	15208-W1193	OIL FILTERS	EA	AS REQ
11	GDO-179	OIL FILTERS	EA	AS REQ
12	GDO-348	OIL FILTERS	EA	AS REQ
13	GDO-332=1 GDO-135=1	OIL FILTERS	EA	AS REQ
14	GDO-348=4 198=1	GDO- OIL FILTERS	EA	AS REQ
15	GDO-401	OIL FILTERS	EA	AS REQ
16	TOYOTA/90915-30002	OIL FILTERS	EA	AS REQ
17	LF-670	OIL FILTERS	EA	AS REQ
18	GDO-317	OIL FILTERS	EA	AS REQ
19	GDO-332	OIL FILTERS	EA	AS REQ
20	LF-3528	OIL FILTERS	EA	AS REQ
21	GDO-407	OIL FILTERS	EA	AS REQ
22	15607-2190	OIL FILTERS	EA	AS REQ
23	GDP-401	OIL FILTERS	EA	AS REQ
24	GDO-136	OIL FILTERS	EA	AS REQ
25	LF-3970	OIL FILTERS	EA	AS REQ
26	LF-3459	OIL FILTERS	EA	AS REQ
27	HU12140X	OIL FILTERS	EA	AS REQ
28	P-551381	OIL FILTERS	EA	AS REQ
29	NIL	OIL FILTERS	EA	AS REQ
30	LF-3883=1 P-550020=1	OIL FILTERS	EA	AS REQ
31	HYD FILTER=DO-236	OIL FILTERS	EA	AS REQ
32	VIC-FC-937	FUEL FILTERS	EA	AS REQ
33	VIC-FC-146	FUEL FILTERS	EA	AS REQ
34	VIC-16400-59A00	FUEL FILTERS	EA	AS REQ
35	TOYOTA-23300-21010	FUEL FILTERS	EA	AS REQ
36	15410-60B20	FUEL FILTERS	EA	AS REQ
37	TOYOTA/23300-28040	FUEL FILTERS	EA	AS REQ
38	NIL	FUEL FILTERS	EA	AS REQ
39	FP-02120	FUEL FILTERS	EA	AS REQ
40	FT-30234	FUEL FILTERS	EA	AS REQ
41	GDF-214	FUEL FILTERS	EA	AS REQ
42	TOYOTA/23300-31150	FUEL FILTERS	EA	AS REQ

43	FT-30234=1 FT-30235=1	FUEL FILTERS	EA	AS REQ
44	TOYOTA/23390-0L010	FUEL FILTERS	EA	AS REQ
45	TOYOTA/23300-0L111	FUEL FILTERS	EA	AS REQ
46	GDF-227	FUEL FILTERS	EA	AS REQ
47	FT-1907=1 FT-109=1	FUEL FILTERS	EA	AS REQ
48	GDF-215=1 GDF-424=1	FUEL FILTERS	EA	AS REQ
49	GDF-433	FUEL FILTERS	EA	AS REQ
50	GDF-433=2 GDF-424=1	FUEL FILTERS	EA	AS REQ
51	GDF-433=1 GDF-461=1	FUEL FILTERS	EA	AS REQ
52	TOYOTA/23390-64480	FUEL FILTERS	EA	AS REQ
53	GDF-424=1 GDF-219=1	FUEL FILTERS	EA	AS REQ
54	GDF-457=1 GDF-441=1	FUEL FILTERS	EA	AS REQ
55	GDF-424=1 GDF-215=1	FUEL FILTERS	EA	AS REQ
56	GDF471=2	FUEL FILTERS	EA	AS REQ
57	23401-1510 23401-1630	FUEL FILTERS	EA	AS REQ
58	PWD-133=1 1-13240-194-0=1	FUEL FILTERS	EA	AS REQ
59	VIC/FC-707A	FUEL FILTERS	EA	AS REQ
60	MANN-WK-731-1	FUEL FILTERS	EA	AS REQ
61	FS-19732=1 FF-5485=1	FUEL FILTERS	EA	AS REQ
62	30062-6510	FUEL FILTERS	EA	AS REQ
63	GDF-427	FUEL FILTERS	EA	AS REQ
64	PU999/1X7	FUEL FILTERS	EA	AS REQ
65	GDF-402A	FUEL FILTERS	EA	AS REQ
66	GDF-402A=5 GDF-426=5	FUEL FILTERS	EA	AS REQ
67	P-552603=1 FS-19530=1	FUEL FILTERS	EA	AS REQ
68	WATER FILTER= WF-2054	FUEL FILTERS	EA	AS REQ
69	GDA-855	AIR FILTERS	EA	AS REQ
70	GDA-864	AIR FILTERS	EA	AS REQ
71	AP-20889	AIR FILTERS	EA	AS REQ
72	TOYOTA/17801-0D030	AIR FILTERS	EA	AS REQ
73	GDA-2022	AIR FILTERS	EA	AS REQ
74	TOYOTA/17801-0M020	AIR FILTERS	EA	AS REQ
75	AN-20196	AIR FILTERS	EA	AS REQ
76	NIL	AIR FILTERS	EA	AS REQ
77	GDA-891	AIR FILTERS	EA	AS REQ
78	GDA-449	AIR FILTERS	EA	AS REQ

79	GDA-888	AIR FILTERS	EA	AS REQ
80	TOYOTA/17801-30040	AIR FILTERS	EA	AS REQ
81	A-2226A	AIR FILTERS	EA	AS REQ
82	NISSAN/16546-2S601	AIR FILTERS	EA	AS REQ
83	GDA-2002	AIR FILTERS	EA	AS REQ
84	TOYOTA/17801-0C010	AIR FILTERS	EA	AS REQ
85	TOYOTA/17801-0L040	AIR FILTERS	EA	AS REQ
86	6610944509	AIR FILTERS	EA	AS REQ
87	TOYOTA/17801-75010	AIR FILTERS	EA	AS REQ
88	TOYOTA/17801-30070	AIR FILTERS	EA	AS REQ
89	GDA-865	AIR FILTERS	EA	AS REQ
90	GDA-916	AIR FILTERS	EA	AS REQ
91	GDA-874	AIR FILTERS	EA	AS REQ
92	GDA-917	AIR FILTERS	EA	AS REQ
93	GDA-2460=	AIR FILTERS	EA	AS REQ
94	GDA-919	AIR FILTERS	EA	AS REQ
95	TOYOTA/17801-61030	AIR FILTERS	EA	AS REQ
96	GDA-949	AIR FILTERS	EA	AS REQ
97	S1780-12480	AIR FILTERS	EA	AS REQ
98	2091695	AIR FILTERS	EA	AS REQ
99	AF-26165	AIR FILTERS	EA	AS REQ
100	HONDA CD-70	AIR FILTERS	EA	AS REQ
101	YAMAHA 2 STROKE	AIR FILTERS	EA	AS REQ
102	HONDA CD-100	AIR FILTERS	EA	AS REQ
103	HONDA CG-125	AIR FILTERS	EA	AS REQ
104	38-01-0004=1	AIR FILTERS	EA	AS REQ
105	38-01-0009	AIR FILTERS	EA	AS REQ
106	S1780-12460	AIR FILTERS	EA	AS REQ
107	GDA-2480	AIR FILTERS	EA	AS REQ
108	GDA-2002	AIR FILTERS	EA	AS REQ
CATEGORY-19 (PAC Comm Centre)				
01	6145-600-900-0161	Underground Cable 100 Pair. 0.6mm Armored	Mtr	400
02	6145-600-900-0162	Underground Cable 50 Pair. 0.6mm Armored	Mtr	100
03	Services	03 Ft digging, sand beg, bricks, warning tape, route indicator, testing / termination.	Mtr	450
		Road Boring	Mtr	50

Other Requirements

Copper Conductor ~ 0.6 mm Armored

Insulation ~ Color High Molecular Weight Solid High Density Polyethylene (HDPE).

Color Coding ~ Cables should be fully color coded in accordance with PIC even count color code.

Pairing ~ Two colored insulated conductors should be uniformly twisted.

Filling Compound~ Water Resistant filling compound should be applied.

Core Covering ~ A Non-hygroscopic and dielectric heat resistant polyester tape and water blocking should be applied helically having a suitable overlap.

Flood Compound ~ Sufficient flooding compound should be applied between core wrap and shield.

Moisture Barrier Inner Sheath ~ An Aluminum tape with co-polymer coating should be applied over the cable core and sheath with black Polyethylene compound.

Armour ~ A Tin coated corrugated steel tape should be applied longitudinally directly over the inner sheath with suitable flooding compound.

Jacket ~ Black high molecular weight low density Polyethylene Compound.

Identification ~ An Identification tape durable marked with manufacturer name should be placed under the core covering tape.

Note : Certificate of company manufacturing provided. Sample must be provided along with quotation and stock manufacturing year should be mentioned. **Quotations will not be accepted without technical specifications.**

Services : Installation, Termination, Digging 03 ft deep, Kacha Soil, Pakka Soil, Road Boring with GI Pipe, Sand Bed (06 inch), bricks, laying, cabinet, DPs warning tape and black filling.

CATEGORY-20 AVDI (AVCS)

CATEGORY-20 AVDI (AVCS)				
01	Mr-502k	<p align="center">MAG Rubber</p> <p>Specification:- Name : Magnetic Rubber (MR-502K) Formula: Mixture of Silicones and petroleum hydrocarbon. Catalyst: Dibutyltin dilaurate & stannous octate. Appearance : Gray, slight odor Specific gravity (H₂O): 1.0 Flash Point (Approx): 265 F Ingredients: Silicon Fluid with filter : <38% Dimethyl Polysilicone : <39% Petroleum Hydrocarbon Distillate:<21% Fe₃O₄: <0.05%/ <0.1mg/m³ Tin carboxyl ate: <0.05%</p>	EA	05
02	BLDC-CNT-24	<p align="center">LIXIN Brushless</p> <p>Specification:- 60 W BLDC controller , 24 VDC operation 92% Efficiency internal/ external speed Regulator , 5v TTL interface.</p>	EA	3
03	FP-2.5-10	<p align="center">Fuel Pump</p> <p>Specification:- Main Head pressure (7Bar) , 60W,24VDC 300-3500 ML/Min, G1/8" Inlet/Outlet Diameter.</p>	EA	3
04	GV-10	<p align="center">Gas Valve</p> <p>Specification:- 10 bar solenoid valve , 12VDC, weight <0.5 KG</p>	EA	4
05	CC30/MV1000X1000	<p align="center">Calibration Stand</p> <p>Specifications:- ATOS GOM,3D Scanner 5M, Calibration Stand For Lens 1200X900X900 or equivalent</p>	EA	1