

PERMISSION TO PARTICIPATE IN TENDER

- 1. REGISTERED AND INDEXED FIRMS MAY PARTICIPATE WITHOUT ANY FORMAL APPROVAL. OFFER MUST BE ACCOMPANIED WITH A CHALLAN FORM OF RS. 200/- (OBTAINABLE FROM STATE BANK OF PAKISTAN/ GOVERNMENT TREASURY) AND DEBIT ABLE TO MAJOR HEAD C02501-20, MAIN HEAD 12, SUB HEAD 'A' MISCELLANEOUS (CODE HEAD 1/845/30).**

- 2. UN-REGISTERED/ UN-INDEXED FIRMS SHOULD SEEK PRIOR APPROVAL FROM CONCERNED ADP FOR PARTICIPATION ON 5% ERNEST MONEY. OFFER MUST BE ACCOMPANIED WITH CHALLAN FORMS OF Rs. 200/- AND Rs. 2,000/- (OBTAINABLE FROM STATE BANK OF PAKISTAN/ GOVERNMENT TREASURY) AND DEBIT ABLE TO MAJOR HEAD C02501-20, MAIN HEAD 12, SUB HEAD 'A' MISCELLANEOUS (CODE HEAD 1/845/30).**

- 3. BARRED FIRMS ARE NOT ALLOWED TO PARTICIPATE.**

INVITATION TO TENDER
GENERAL INSTRUCTIONS TO TENDER
FOR / CIP/F.O.B/DIRECT

No **436365 /P-43**
Directorate of Procurement (Air)
Air Headquarters, Nur Khan,
Chaklala Rawalpindi
Tel: **+92-51-9281363**
Fax: **+92+51-9271499**
Dated: **30-11-2018**

M/s _____

Invitation to Tender and General Instructions

Dear Sir,

1. I invite you to tender for the supply of stores/ development/ repair/ overhaul/ training/ documents as per details indicated in the attached Schedule to Tender (Form DP-2).
2. **Conditions Governing Contracts.** This IT mean the agreement entered into between the parties i.e. the "Purchaser" and the 'Seller' on Directorate General Defence purchase (DGDP) contract Form "DP-19" in accordance with the law of contract Act, 1872 and those contained in Defence Purchase Procedure DP-35 (Revised 2017) and other special conditions that may be added to given contract for the supply of Defence Stores specified herein.
3. **Delivery of Tender.** The offer is to be submitted in duplicate as under:-

- a. **Technical Offer.** Should contain all relevant specifications in duplicate in an envelope and clearly marked "Technical Offer" without prices, tender number and date of opening. Both the "envelopes" of commercial and technical offers should be enclosed in one cover, properly sealed and bear the address of this office without any indication that there is tender within. Technical offer will be opened half an hour after the date and time for receipt of tender mentioned in DP-2.
- b. **Commercial Offer**
 - i. The offer will be in single and indicate prices quoted in figures as well in words along with essential literature/ brochure. It should be clearly marked in fact on the envelope "Commercial Offer", tender number and date of opening. Commercial offer of only those firms will be opened, whose technical offers are accepted by technical authorities. Date of opening of commercial offer would be intimated after receipt of technical scrutiny report from technical authorities. Commercial offer of technically rejected forms will be returned to the firms un-opened.
 - ii. If the equipment/ system is quoted, the price of all major and optional components to be quoted separately. Conversion rate of FE/CL components will be considered w.e.f opening of commercial offer.
- c. The tender duly sealed will be addressed to the following:
(Name of Officer receiving the tender) (Appointment/ designation of above officer) i.e

ADP-43
Directorate of Procurement (Air)
Air Headquarters, Nur Khan (Chaklala)
Rawalpindi. Pakistan
Tel: +92-51-9281363
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Special Instructions: Tender documents and its conditions may please be read point by point and understood properly before quoting. All tender conditions should be responded clearly. In case of any deviation due to non-acceptance of tender conditions(s), the same should be highlighted along with your changed offer/ conditions outlined by Purchaser in this IT.

4. **Date and Time for Receipt of Tender.** Your tender must reach this office by the date and time specified in the Schedule to Tender (Form DP-2) attached. This Directorate will not accept any excuse of delay occurring in post. Tenders received after the appointed/ fixed time will NOT be entertained. The appointed time will, however, fall on next working day in case of closed/forced holiday.

5. **Validity of Offer**
- The validity period of quotations must be indicated and should invariably be 120 days from the date of opening of commercial offer or 30th June which ever is earlier.
 - The quoting firm will certify that in case of an additional requirement of the contract items(s) in any qty(s) within a period of 12 months from the date of signing the contract, these will also be supplied (at the on going contract rates) with discount.

6. **Part Bid.** You may quote for the whole or any portion, or to state in the tender that the rate quoted, shall apply only if the entire quantity is taken from you. The Director Procurement reserves the right of accepting the whole or any part of the tender or portion of the quantity offered, and you shall supply these at the rate quoted.

Note This condition would be used very rarely except ration items.

7. **Return of IT/ With-drawl of Offer**

- In case you are Not quoting, please return the tender inquiry stating the reason of NOT quoting. In case of failure to return the ITs either quoted or not quoted consecutively on three occasions, this Directorate, in the interest of economy, will consider the exclusion of your firm's name from our future distribution list of invitation to tender.
- If the firm withdraws it offer within validity period the competent authority may place such firm under embargo for a period, which may be extended up to one year.

8. **Photocopies of documents.** Following information/ copy of documents must be provided/ attached with offer:-

- A copy of letter showing firm's financial capability.
- Registration/ renewal letter/ indexation/ additional indexation letter as applicable.
- Income tax No to be mentioned on the offer and copy of registration certificate issued by sales tax department.
- Foreign seller has to provide its registration Number issued by respective Department of Commerce authorizing export of subject stores.
- Principal/ Agency Agreement. (In case of FOB contracts)

9. **Disqualification.** Offers are liable to be rejected if:-

- Taxes and duties, freight/ transportation and insurance charges NOT indicated separately.
- There is any deviation from the General/ Special/ Technical Instructions.
- Offers are found conditional or incomplete in any respect.
- Treasury Challan is NOT attached with the offer.
- Form DP-3 duly signed, is NOT received with the offers.
- Multiple rates are quoted against one items.
- Manufacture's relevant original brochures and technical details on major equipment assemblies are not attached in support of specification.
- Received later than appointed/ fixed date and time.
- Subject to restriction of export license.
- If the validity of the agency agreement is expired.
- The commercial offer against FOB/ CIF/ C&F tender quoted in local currency and vise versa.
- Principals invoice in duplicate clearly indicating whether prices, quoted are inclusive or exclusive of the agent commission is not enclosed.
- Earnest money not provided where applicable.
- If validity of offer is not quoted as required on IT or made subject to confirmation later.
- Offer made through Fax/ E-mail/ Cable/ Telex.
- If your offer is found to be based on cartel action in connivance with other sources/ participants of the tender.
- Un-called offer/ quotations will be rejected.

10. **Earnest Money/ Tender Bond:-** Your tender must be accompanied by a Bank Draft in favour of CMA (DP), Rawalpindi for the following amount:-

- Registered Firms:** 2% of the quoted value subject to maximum ceiling of Rs. 0.200 Million.
- Un-registered Firms:** 5% of the quoted value subject to maximum ceiling of Rs 0.400 Million.

Note:

In case of firm wins a contract on EM, it will deposit following documents for provisional Regn before the award of contracts:-

S. No	Local Supplier	Foreign Supplier
i)	Three filled copies of SVA-8121 of each member of management	Three filled copies of SVA-8121-D of each member of management
ii)	Three filled copies of SVA-8121-A	Three filled copies of SVA-8121
iii)	Three photocopies of NIC for each member of management	Three photocopy of Resident Card or equivalent identification Card for each member of management
iv)	Three PP size photographs for each member of management	Three PP size photographs for each member of management
v)	Challan Form (*)	Challan Form (*)
vi)	Bank Statement for last one year	Financial standing/audit balance sheet
vii)	Photocopy of NTN	Photocopy of passport
viii)	Foreign Principal Agency Agreement in case of local agent	Agency Agreement in case of Trading House/Company/Exporter/Stockiest etc.

d. **Return of Earnest Money**

- (1) Earnest money to the unsuccessful bidders will be returned on finalization of the contract.
- (2) Earnest money of the firm/ firms with whom contract is concluded will be returned on submission of Bank Guarantee stipulated in the contract.

11. **Treasury Challan**

- a. Offers must be accompanied with a challan form of Rs. 200/- (obtainable from State Bank of Pakistan/ Government Treasury) and debit able to **Major Head C02501-20, Main Head 12, Sub Head 'A' Miscellaneous (Code Head 1/845/30)**. Each offer will be covered by one challan.
- b. In case of un-registered firms, whether they have applied for registration or not, will pay tender inquiry fee (Challan Form) at following rates:-
 - (1) Bid for value upto. Rs 2, 50,000/- Rs 1,000/-
 - (2) Bid for value from Rs. 2, 50,000/- to Rs 50, 00,000/- Rs 1,500/-
 - (3) Bid for value above Rs 50, 00,000/- Rs 2,000/-

Note:- Offer of Un Registered firms will be considered with 5% EM {Subject to approval of DP (Air)}.

12. **Rights Reserved.** Respective procurement agency reserves full rights to accept or reject any or all offers including the lowest, after assigning grounds for its rejection and upon request, the grounds of rejection shall be communicated to supplier / contractor, who submit the offer

13. **Application of Official Secret Acts.** All the matters connected with this enquiry and subsequent actions arising there from come within the scope of the Official Secret Act 1923. You are, therefore, requested to ensure complete secrecy regarding documents and stores concerned with the enquiry and to limit the number of your employees having access to this information.

14. **FORM DP-2, DP-3 and Questionnaires.** Form DP-2, DP-3 and Questionnaires duly filled in are to be returned with the offer duly signed by the authorized signatory/ person.

15. **Copy of DP-35 Revised 2017.** Copies of DP-35 revised 2017 are available with Registration Section DGDP and the same be obtained by the Supplier on payment at the rate of Rs 250/- each.

16. **Acknowledgement.** If applicable, firms will send acknowledgement slips within 07 days from the date of receipt of IT. In case IT is not received by a registered firm within 10 days IT published in the Bulletin, the firm must ask for it from ADP-43 DP(Air) in writing with intimation to Registration Section (DGDP).

17. **Appeal against rejection of Bid.** Bidder aggrieved by technical rejection of their offers may forward their appeal to Grievance Redressed Committee constituted at DP (Air). All such appeals be forwarded in writing within 15 days of technical rejection. Complaints received after 15 days would not be entertained.

18. **Tender Opening:** Technical offer shall be opened at least thirty minutes after the deadline for submission of bids on same day. Commercial offers will be opened at later stage if Technical Offers is found acceptable on examination by technical authorities of Service HQ. Date and time for opening of Commercial

offer shall be intimated later. Only legitimate / registered representatives of firm will be allowed to attend the tender opening.

19. **Reservations/Preference:-** Supplier/contractors intending to avail any reservations for preferences like Price Preference, First Right of refusal, Intellectual Property Rights or any other in accordance with the policy of the Federal Govt, authority or SRO are to intimate DP (Air) at least 07 days in advance of tender submission date alongwith supporting documents and are to clearly mention such reservation/preference in Tender Technical & Commercial proposals.



(ASAD UR RAHMAN)

Squadron Leader

ADP-43

E-mail: adp43@paf.gov.pk

Enclosures:-

1. Matrix Proforma
2. DP-2, Part-I
3. Appendix-I to DP-2, Part-I (Schedule of Tender)
4. Appendix-II to DP-2, Part-I (Technical Specs)
5. DP-2, Part-II
6. Appendix-I to DP-2, Part-II
7. Appendix-II to DP-2, Part-II
8. Appendix-III to DP-2, Part-II
9. Appendix-IV to DP-2, Part-II
10. Appendix-V to DP-2, Part-II
11. DP-2, Part-III
12. DP-3

MATRIX PROFORMA
PAK RUPEES TENDER

- Notes:**
- This mandatory Proforma is to be filled and attached with technical offer. Non-filling / incomplete filling may result in outright rejection of offer.
 - Please fill the blank columns and tick (✓) the choice of YES or NO, as applicable. No column is to be left un-actioned.

S. No	Description of Requirement	Firm's Compliance	
1.	Firm's Name, Address, Email, Phone No & Fax No.		
2.	Firm's Sales Tax Registration No / NTN are:-	STRN : _____	NTN : _____
3.	Firm's Sales Tax Registration Certificate and NTN Certificate are attached with "Technical Offer"	<input type="checkbox"/> YES	<input type="checkbox"/> NO
4.	Whether Firm is registered with DGDP or not as stockiest / Local Manufacturer?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
5.	Whether tendered store is Indexed with the DGDP registered firm?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6.	Copy of DGDP Registration Certificate along with extension certificate is attached with Technical Offer.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7.	Original Treasury Challan Form valuing Rs 200/- is attached with Technical Offer (both by registered and un-registered firms)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
8.	Original Treasury Challan Form valuing Rs 1,000/- or Rs 1,500/- or 2,000/- (as per bid value defined at para 11b of FORM DP-1) is attached with "Technical Offer" (Only by DGDP un-Registered firms)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
9.	Bank Draft in lieu of Earnest Money as per the required amount in favour of CMA (DP), Rawalpindi is attached with "Technical Offer" in a separate sealed envelope titled " Earnest Money Tender No _____ ". { Earnest money @ 5% (max ceiling Rs 0.400 Mil) by Un-registered firm Earnest money @ 2% (max ceiling Rs 0.200 Mil) by Registered firm }	<input type="checkbox"/> YES	<input type="checkbox"/> NO
10.	Firm's Proforma invoice without prices is attached with Technical Offer. This is also known as Bill of Quantity. This should bear exactly the same Serial No as per IT. If some item(s), required in IT, is not quoted then its Serial No should be skipped.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
11.	Offered prices should be in Pak Rupees on DDP delivery till consignee's end basis.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
12.	The validity period of Offered prices must be indicated and should be at-least 90 days from the date of opening the tender, extendable for further 30 days if needed.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
13.	"Technical Offer" must be submitted in 02 sets and "Commercial Offer" in 01 set only. "Technical Offer" in 02 sets should be packed separately in sealed envelope titled "Technical Offer" and "Commercial Offer" should be packed separately in another sealed envelope titled "Commercial Offer". Such sealed envelopes should further be sealed in one large envelop having Tender No and Firm's name clearly written.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
14.	Technical Scrutiny Report (TSR) document is duly filled, signed and stamped at appropriate columns by the firm. Such filled TSR document must be enclosed with the Technical Offer.	<input type="checkbox"/> YES	<input type="checkbox"/> NO

15.	Firm can quote any number of Line items. However, in case of a Packaged Indent , all items in a package have been quoted. (Details of all or certain items making a package (if applicable) is mentioned at "Special Notes" under "Schedule of Stores".)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
16.	Firm's Financial Capability establishing documents like Audit Report / Bank Statement etc which should support execution of the contract (if awarded) in terms of finance availability is attached with Technical Offer. (For Un-registered Firms Only)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
17.	Firm's existing Financial load (in Million) {Value of all ongoing contracts with DP(Air)/ DP (Army)/ DP (Navy) or any other Govt/ Civil Organization		
18.	After award of contract, for imported items, Firm has to provide Import Documents (Bill of Entry)/Goods Declaration Certificate / Country of Origin Certificate / OEM's COC during inspection of store by PAF Inspection Team at firm's premises.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
19.	After award of contract, Firm will be responsible for delivery of contracted store till consignee's end after the Acceptance by PAF Inspection Team at firm's premises.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
20.	Store will be delivered within required time period of 03 Months after signing of the contract.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
21.	List all Manufacturers / Maker's Name, Brand Name and address of OEM of offered equipment.		
22.	Country of Origin of store. List down names of countries in case of more than one country.		
23.	Submission of Contract Performance / Warranty Bank Guarantee @ 10% of contract value which should be valid 2 months beyond expiry of warranty period.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
24.	Warranty of equipment is minimum As per TSR after release of CRVs.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
25.	Acceptance of Terms of Payment : 80% on "I-Note" (Issued after delivery of store to consignee and Acceptance by Specialist/User Directorate) and 20% on release of Certified Receipt Vouchers (CRVs) by the Consignee.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
26.	Acceptance of Special Notes as per IT.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
27.	Acceptance of Inspection Criteria as per IT.	<input type="checkbox"/> YES	<input type="checkbox"/> NO

Comments / Justification by Firm for non-compliance (if any):-

Signatures: _____

Name & Designation: _____

Direct Contact No & email: _____

Stamp of Firm: _____

SCHEDULE OF TENDER

1. I/T No 436365/P-43
2. Time and Date of Opening: 18-12-2018 at 1100 Hrs
3. **Please see the Schedule of Tender at Appendix-I to DP-2, Part-I.**

General Instructions

1. Tech Specification/ GSR/ NSR/ ASR are reflected at Appendix-II to this schedule must be studied carefully prior to filling in Tender.
2. Date by which stores are required _____ (in case of not possible for you to give delivery by given date please indicate DP by which store can be delivered by the firm).
3. As per the IT quotation will be submitted on FOR/ FOB/ CIF/ C&F/ FAS/CIP Basis and in case of FOR (import) the principal invoices on C&F basis to be attached with offer.
4. The firm shall indicate availability of raw material and in case the same is to be imported then will give the requirement for import license.
5. The price quoted must be not per accounting unit as shown in the schedule to tender inclusive of sales Tax/ Excise Duty/ Surcharge (fix/ variable taxes or any other relevant tax). The breakdown of price will be indicated is as under:-
 - a. Ex-factory/ Base price - LC/ Relevant FE
 - b. Taxes/ Duties - LC/ Relevant FE
 - c. Total price - LC/ Relevant FE
 - d. Freight/ transportation/ Allied Charges - LC/ Relevant FE
 - e. Insurance Charges - LC
 - f. Agent commission (agent Commission ranging for 0.5% To 4% will be declared in the offer in case of contracts involving local agent whereas foreign principal is not paying commission to local agent then in that case the firm will attached certificate as Appendix-II - LC/ Relevant FE
6. Prices will be mentioned for each items separately both in figures, and words. Additional information if any would be linked with entries on the schedule tender.
7. Only one rate will be quoted for entire qty, items wise and multi-rates if quoted will lead to rejection of offer.
8. In case of FOR Contracts the price will be quoted in Pak Currency and in case store is to be imported, then quotation should be on FOB basis indicating the element to be added to make it CIF/ C&F/ FSA in such cases %age to be paid in foreign, currency and commission to be paid in Pak Currency will be clearly indicated.
9. Original quotations from the mfr/ supplier must be attached in support of quoted price. A certificate from the principal will be endorsed on the original quotation to the effect that the prices do include _____-_____ %age of agent commission discount and do not include any such commission. And apart from this, there is no other element of agent's commission/ discount included in the quotation. Only one rate will be quoted for entire qty items-wise.
10. In case of OEM products are offered, OEM part No and its interchangeability with demanded part No should be indicated and provided with the help of relevant catalogue/ extract.
11. FOR Station/ FOB & FAS port must be given while filling the schedule.
12. In case of FOB/ CIF/ C&F/ FAS/ CIP requirements the prices will be indicated in US\$/ EURO/ UK£ (in case quoted prices are in different currencies then for the sake of comparison, these will be converted into Pak Currency at rate prevailing on opening day of commercial offers).

Special Instructions. You may say “**Agreed**” / “**Not Agreed**” to conditions/ clauses mentioned in the succeeding Part II & III of this DP-2. In case of disagreement you may suggest option/ alternative course for consideration by Procurement agency but it will not be binding on Director of Procurement to Accent the same.

SCHEDULE OF TENDER

TENDER INQUIRY NO. : **436365/P-43**
TENDER TITLE : **Procurement of Communication and IT related hardware and services**
TENDER TYPE : **Pak Rupees (FOR), DDP Rawalpindi (Incoterm 2010)**
SUBMISSION TIME : **Before 1030 Hrs on opening date.**
TIME & DATE OF OPENING : **1100 Hrs on 18-12-2018**
DELIVERY PERIOD : **Within 03 Months after signing of contract**

SCHEDULE OF STORE

{PROCUREMENT OF COMMUNICATION AND IT RELATED HARDWARE AND SERVICES}

S No	Part No	Description of Store	A/U	Qty
1	5842NL-TRO-AM-CNSL-MD101-1	Modular Console Chassis	EA	39
2	5840PK0212853	Dell Ultra Sharp 32" 4K	EA	39
3	5840NL-POWER EDGE T440	Hi-Tech Server Power Edge T440	EA	39
4	5842NL-PMU-5K-USB	Panel Mount Industrial	EA	39
5	5840PK0212914	AD Controller Seat (Merry Fair)	EA	24
6	5840PK0212701	Mouse Pad less	EA	24
7	5840PK0213040	Multimedia Projector (4K-UHZ65)	EA	2
8	5840PK0212598	Proj Screen 10 x 08	EA	2
9	5842NL-HMWWL	Ceiling Mounting Kit	EA	2
10	5840PK0212965	LCD 43" 4K Multiview	EA	2
11	5840PK0212851	Bose Speakers Sound Bar	EA	39
12	5840PK0212712	Creative Sound Blaster Play	EA	39
13	5840PK0212920	David Clark Headset (H-PC)	EA	40
14	5840PK0212630	Asus Xonar DSX	EA	39
15	5842NL-C-SB-SPNO-6254-CT-52	Foot Switch GMCC	EA	39
16	5840PK0213059	Advantech PPC 6151C	EA	39
17	5842NL-C39363-A213-A1-52	Handset	EA	39
18	5840NL-POWER EDGE R440 LOW END	Dell Power Edge R440 Server Low	EA	27
19	5840NL-POWER EDGE R440	Dell Power Edge R440 Server High	EA	15
20	5840PK0213041	OPTIPLEX-7450-AIO	EA	14
21	5842NL-TOTEN42U	TOTEN 42U cabinet with PDU	EA	9
22	5840PK0212865	ATEN 16 Port KVM CL1316	EA	2
23	5840PK0213082	Room Alert 12 ER	EA	7
24	5840PK0212632	Patton VIOP Gateway	EA	7
25	5840PK0212835	LB / IP Gateway 16 Port Server	EA	7
26	5842NL-P-S159-MDFCAB-4TB	MDF Cabinet	EA	7
27	5842NL-P-S194-	MDF 100 Line	EA	21

	P25-P1-10			
28	5840PK0212728	Vocality Basics Radio Relay (4 channel)	EA	47
29	5840PK0212727	Vocality Basics Tray	EA	19
30	5840PK0212918	Cisco Router 4351	EA	10
31	5840PK0212921	Cisco Catalyst 3650 48-Port	EA	4
32	5840PK0212917	NTP Server S600(Microsemi)	EA	2
33	5840PK0212770	Starline Snap On External (80 MM)	EA	178
34	5840PK0212778	CK 50/170 Starline Ch Cover Jnt	EA	42
35	5840PK0212779	CE 50/170 Starline Ch Stop End	EA	72
36	5840PK0212780	CAE 50/170 Strline Ch Ext Angl	EA	174
37	5840PK0212781	CIE 50/170 Strline Ch Intrl Agl	EA	32
38	5840PK0212783	CFT 50/170 Starline Ch Flt Tee	EA	30
39	5840PK0212784	CFW 50/170 Starline CH Flat Angle	EA	172
40	5840PK0212785	SLC 50/170 Strline Chmferd Trunk	EA	558
41	5840PK0212789	MAES 50/100 Maxi External Angle	EA	36
42	5840PK0212790	MIES 50/100 Maxi Internal Angle	EA	42
43	5840PK0212795	MAK 50/100 Maxi Trunk	EA	314
44	5840PK0212830	Clipsal surface mount back box	EA	78
45	5840PK0212831	C-Vivace Dual Face Plate	EA	48
46	5840PK0212832	Schneider CAT -6 I/Os	EA	180
47	5842NL-CH-WM-COM-01	Special Chairs for Controller	EA	15
48	5840PK0212905	BBCC Smart Module	EA	5
49	5840PK0212720	Aten 08 Port Kvm with 19" LCD	EA	10
50	5842NL-56KW4U	Dell UPS Rack 5600W.4U,230V	EA	10
51	5840PK0212919	ADSB Receiver	EA	8
52	5840PK0213048	ADS-B Antenna Pedestal	EA	16
53	Cabling & Svices	Cabling & Services	EA	1

NOTE Quotations are to be submitted on “FOR (Pak Currency, Rawalpindi)” basis.

1. Particular Governing Supply

Specification/ Technical data entered against each item on the indent form for guidance of manufacturer and inspectors. **(TSR Attached)**

2. Inspection Criteria:-

100% physical inspection will be under taken by AHQ Dte of Q&E/No 1 QC Flt, PAF with assistance of Co-Opted member of Specialist Dte at firm premises as follows:-

Physical Check

- (i) Store will be checked for physical damage, scratches, cracks and deformity.
- (ii) Screws/nuts/bolts/cables.
- (iii) Service tag will be verified with manufacturer website.
- (iv) All items will be indentified with serial number and contracted part number.
- (v) All System / operating software and validity period.
- (vi) Accessories power cable/ circuit breaker/ power extension/ earthing cable/socket etc.
- (vii) Documentation / manuals / publication.
- (viii) Store must be sealed for environmental protection.
- (ix) OEM Certificate / certificate of conformity and verifiable documents will be provided by the supplier that store has been procured from certified source.
- (x) Brand name, model, country of origin and dimensions.
- (xi) Store must be factory new and from current production with certificate.

(a) **Functional Checks**

Functional / fitment / operational check will be carried out at PAF designated site by the specialist Dte as per contractual specifications.

(b) **Warranty:-**

A warranty sticker is to be pasted on each item by the firm highlighting following information's:

- (i) Name of firm.
- (ii) Contract No and date.
- (iii) Description of store.
- (iv) Warranty validity

(c) **Packing**

- (i) Each item will be packed in its original waterproof packing by the firm.
- (ii) Packing must be suitable for transportation of item over long distance by road / rail / sea / air.

Note: In case of premature failure, firm has to replace the item free of cost. The supplier will provide all necessary facilities to the inspection staff for prompt and smooth inspection of store.

(d) **Delivery of store:** After satisfactory physical check store shall be dispatched to consignee by the supplier at his own arrangement.

3. **Issuance of I Note:-**

Inspection Note will be issued by Dte of Q&E / No 1 QC Flt after the receipt of delivery challan duly signed and stamped by consignee and acceptance certificate from specialist Directorate.

SPECIAL NOTES:-

1. The hardware is to be procured of specific brand only as the same have been finalized after necessary tests and trials.
2. The Functional Check (FC) will be carried out at Air Headquarters, Islamabad (Project Vision) PAF Complex E-9 Islamabad.
3. Warranty as per TSR.

TECHNICAL SCRUTINY REPORT (TSR) / SPECIFICATIONS

S No	PART NO/ NOMENCLATURE	INDENTED ITEMS' SPECS (BY USER)	SPECIFICATION OFFERED BY THE SUPPLIER	USER COMMENTS ACCEPTED / NOT ACCEPTED
1	Modular Console Chassis (5842NL-TRO-AM-IVSL- MD101-1)	<p>Noun: Single Head Console Make: Precision Engineering</p> <p>Specifications: Color: Concord concord grey with eboni black (JOTUN) Accessories:</p> <ul style="list-style-type: none"> • 04 cooling fans with grill • Back panel cover for cables • Rack/ tray for T440 Server • Power Cable for internal wiring of cooling fans (02 mtr) • Slotted duct internal wiring (3ft) • Computer Power cable (01) • Base mounting for 32" Display <p>Dimensions: Console frame dimensions:</p> <ul style="list-style-type: none"> • HxWxD: 54 x 29.6 x 30 in • Base length x width: 31 in x 33 in <p>32 Inch Display Frame dimensions:</p> <ul style="list-style-type: none"> • HxWxD: 25.75 x 30 x 9 in <p>Touch panel VCP Frame dimensions:</p> <ul style="list-style-type: none"> • HxWxD: 12.5 x 16.5 x 6.5 in <p>Warranty: 01 Year</p>		

2	Dell Ultra Sharp 32" 4K (5840PK0212853)	<p>Model: UP3216Q (Dell UltraSharp 32" Monitor 4K) Make: Dell</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Viewable Image Size (Diagonal): 32 inches. • Maximum Resolution: 3840x2160@60Hz. • Aspect Ratio: 16:9 • Brightness: 300cd/m² • Response Time: 8ms • Pixel Pitch: 0.182mm • Color Support: 1.07 billion colors • Viewing Angle: 178°/178° • Panel Technology Surface: In-plane switching • Backlight: LED. • Input Connectors: HDMI 2.0, Display Port & Mini DP. • Other Ports: 03 USB 3.0, USB upstream, USB downstream, Audio line-out USB (bC1.2). • Power Input: 100 to 40VAC • Power Consumption: 70W typical, 0.3W active-off mode. • Dimensions: HxWxD (19"x29.5"x8.4") with stand • Weight: 24.69 lbs with stand. <p>Optional Requirements:</p> <ul style="list-style-type: none"> • Stand (Riser and Base) • Power Cable • HDMI, Display Port and USB Upstream cables <p>Warranty: 03 Years Dell Standard</p>		
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3	<p>HI-Tech Server Power Edge T440 (5840NL-POWER EDGE T440)</p>	<p>Model: PowerEdge T440 Server (Tower) Make: Dell</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Base: PowerEdge T440 Server • Form Factor: 5U, Tower/ Rack Mountable Casing • TPM: Trusted Platform Module 1.2 • Chassis Configuration: 3.5" Chassis with up to 8 Hot Plug Hard Drives, Rack Configuration • Processor: Intel® Xeon® Silver 4110 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400 • Additional Processor: No Additional Processor • Processor Thermal Configuration: 1 CPU standard • Memory DIMM Type & Speed: 2667MT/s RDIMMs • Memory Capacity: 2x8GB RDIMM, 2666MT/s, Dual Rank • RAID Configuration: C3, RAID 1 for 2 HDDs (Matching Type/Speed/Capacity) • RAID/Internal Storage Controller: PERC H330 RAID Controller • Hard Drives: 2x1TB 7.2K RPM SATA 12Gbps 512n 3.5" Hot-plug Hard Drive • Embedded Systems Management: iDRAC9, Basic • Network Cards: Dual-Port 1GbE On-Board LOM • Power Supply: Dual, Hot Plug, Redundant Power Supply (1+1), 1100W + 1100W (Total 2200W) • Power Cords: 2 x UK cables 2Pins, 2M • Motherboard: Motherboard T440 • Front LCD: Front LCD Panel for Monitoring • Operating System: No Operating System • Dell Support: 3 Years Basic Hardware Warranty Repair, 5x10 HW-only, 5x10 NBD On-Site. • Dell Services Data Protection: 3 Yrs Keep Your Hard Drive • Bezel: PowerEdge T440 Bezel • Rack Rails: No • Internal Optical Drive: DVD +/-RW, SATA, Internal • Keyboard: KB-216 USB Keyboard (Qty 01 per server) 		
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		<ul style="list-style-type: none"> • Mouse: Dell Padless optical laser mouse • Graphics Card: Gigabyte NVIDIA GTX1050Ti 4GB WINDFORCE, GV-N105TWF2OC-4GD, Ports 1xDP, 3xHDMI, 1xDVI-D, SATA to 6Pin Power adapter / converter • Service Tag: Service Tag in Name of Pakistan Air Force duly verified from Dell Website • Certificate: No back doors Certificate <p>Warranty: 03 Years Dell Standard</p>		
4	<p>Panel Mount Industrial (5842NL-PMU-5K-USB)</p>	<p>Model: PMU-5K-USB Make: iKey</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 116-Keys Functionality • Integrated Hula Point II TM Pointing Device • Lightweight ABS Polycarbonate Case • 24 Function Keys • Industrial Silicone Rubber Keypad • Numeric Key Pad and MS Window Keys <p>Warranty: 01 year</p>		
5	<p>AD Controller Seat (Merry Fair) (5840PK0212914)</p>	<p>Noun: High Performance “Wau” chair Model: Black 609B MB G62 VP Make: Merryfair</p> <p>Specifications</p>		

		<ul style="list-style-type: none"> • Headset: Adjustable for height • Fabric surface (Black) <p>Base Option – VP polished aluminum</p> <p>Warranty: 01 year</p>		
6	<p>Mouse Padless 5840PK0212701</p>	<p>Model: N-500F Padless Mouse Make: A4TECH</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Innovative V-Track technology • Short light path, runs anywhere without a pad • Color: Glossy Grey <p>Warranty: 01 year</p>		
7	<p>Optoma-4K-UHZ65 5840PK0213040</p>	<p>Model: UH-Z65 Make: Optoma, USA</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Technology: Single 0.66 TRP S610 4K UHD DMD DLP • Native Res: 4K UHD 3840x2160 @60Hz with XPR tech. • Max Res: 4K 4096x2160 @60Hz with XPR technology • Brightness: 3000 lumens • Contrast Ratio: 2,000,000:1 with Dynamic Black • I/O Ports: 1xHDMI 1.4a, 1xHDMI2.0, VGA-in, Audio in/out, USB 2.0 port, SDPIF (optical) out • Upscaler: Upscales non-4K UHD resolutions • HDR: HDR 10 compatible • Lamp Life: 20,000 hours • Vertical Lens shift: 15% offset • Aspect ratio: 16:9 (native), 4:3 auto • Speakers: Dual integrated 2 x 4W <p>Options (to be included)</p> <ul style="list-style-type: none"> • Original Ceiling Mount Kit (Optoma) <p>Warranty: 01 Year</p>		

8	<p>Proj Screen 10x8 5840PK0212598</p>	<p>Model: Electric150H Make: EliteScreen</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Series: Spectrum series Electric / Motorized Front Projection Screen • Aspect ratio: 16:9 • Diagonal size: 150" • Dimensions: W x H = 10' x 8' • Screen: MaxWhite 1.1 Grain Screen Material • Viewing Angle: 160 degree wide view • Motor System: synchronized motor • Control System: <ul style="list-style-type: none"> • Infrared remote & wall switch • Internal IR/RF low voltage receiver • 3 way wall switch <p>Warranty: 03-Year warranty for military organization / Premium 2-Years parts or labor warranty</p>		
9	<p>Ceiling Mount Kit 5842-HMWWL</p>	<p>Model: -- Make: --</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Metal stand • Capable of mounting on walls / ceiling / Floor • Standard nuts / bolts for mounting • Mount for screen sizes upto 49in • Adjustable in length / height • 3-way adjustable screen mount 		
10	<p>LCD 43" 4K Multiview 5840PK0212965</p>	<p>Model: P4317Q (Dell 43" Multi-Client 4K Monitor) Make: Dell</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Viewable Image Size (Diagonal): 42.51 inches. • Maximum Resolution: UltraHD 4k, 3840x2160@60Hz. • Aspect Ratio: 16:9 • Brightness: 350cd/m² • Response Time: 8ms gray-to-gray 		

		<ul style="list-style-type: none"> • Pixel Pitch: 0.0.2451mm² • Color Support: 1.06 billion colors • Viewing Angle: 178°/178 • IPS LED Panel • Speakers: Dual integrated 8W <p>Warranty: Dell 03 Years standard (which includes 3years advance exchange service)</p>		
11	Bose Speakers sound Bar (5840PK0212851)	<p>Model: Bose Companion 2 Series III Make: Bose</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Bose Companion 2 Series III Multimedia Speaker System • System Component: 2 Speakers • Amplifier Type: Active • Audio amplifier: Integrated • Connections: Mini Phone Stereo 3.5mm • Dimensions: WxDxH: 3.1"x5.9"x7.5" <p>Warranty: 01 year</p>		
12	Creative Sound Blaster Play (5840PK0212712)	<p>Model: Sound Blaster Play2 Make: Creative</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Creative Sound Blaster Play2 USB Sound Card • Form Factor: External • Interface Type: USB • Plug and Play • Sound Output mode: Stereo • Output: Microphone 3.5mm and Headset 3.5mm • Cable length: 4.3 inch • Operating system Support: Windows 7/8, 10 <p>Warranty: 01 year</p>		

13	David Clark Headset (H-PC) (5840PK0212920)	Model: H-PC Make: David Clark Specifications: <ul style="list-style-type: none">• Dual volume controls, wired for stereo• 15 inch coil cord• Dual 3.5mm plugs (Mic and Ear)• Dynamic Earphone elements with a range of 20-20000Hz• M-55 noise cancelling electret microphone• Mounted on universal Flex boom• Microphone on/off switch Warranty: 01 year		
14	Asus Xonar DSX (5840PK0212630)	Model: Xonar DSX soundcard Make: ASUS Specifications: <ul style="list-style-type: none">• PCI Express 7.1 channel audio card• GX2.5 for realistic 3D gaming audio effects• Chipset: ASUS AV66 High-Performance Sound Processor (Max. 192KHz/24bit)• DTS Connected technology for an immersive 7.1 surround experience• Automatic jack-sensing front-panel output• Xonar DSX 7.1 allows customize your sound with no soldering• Auto-detect front-panel - best flexibility and connectivity• Dimensions: (LxW) 64.4mmx167.64mm Warranty: 01 year		

15	Foot Switch GMCC (5842NL-C-SB-SPNO- 6254-CT-52)	Model: 6254-CT Make: Herga Specifications: <ul style="list-style-type: none">• Required with Cable and DB-9 Connector• Degree of protection: EN60529 IPX2, IPX7• Current Rating: 250VAC, 6(3)A• Connect Configuration: SPCO• Internal Switch Module: IPX2• Body Material: Die Cast Aluminum• Color: Black• Operating Temperature: -5°C to 40°C Warranty: 01 year		
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16	<p>Advantech iPPC 6151C 5840PK0213059</p>	<p>Model: PPC-6151C-RTAE Make: Advantech</p> <p>Specs Details:</p> <ul style="list-style-type: none"> • CPU: Intel Core i7-6700TE, 3.4Ghz, 8MB Cache. • Memory: 16GB • Storage: 500GB 7.2K RPM, SATA 2.5" HDD. • I/O Ports: 1xAC inlet, 1xPower Switch • Speaker: 2x 1W • Fan: 2x12V 60x60x15mm • Input Voltage: 100-240VAC, 250W • LCD Display: 15" TFT LED Panel. • Max Resolution: 1024x786 • Backlight Lifetime: 50,000hrs minimum • Touch Screen: 5-wire analogue resistive, with optional projected capacitive touch, USB controller, and Durability 35million touches. • Dimensions: WxHxD (15.4"x12.3"x4.08") • 1X PCIe Expansion Slot <p>Options (to be included):</p> <ul style="list-style-type: none"> • 01 External DVD Drive USB. • 2-Pin UK Standard Power Cord 220V, 3m • Three (03) years keep your HD (KYHD) feature <p>Warranty: 03 years</p>		
17	<p>Handset 5842NL-C-SB-SPNO-6254-CT-52</p>	<p>Model: PT-1400 Make: Panasonic</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Colour : Black • Connector : Six – way connector and/ or 3.5 mm for Rx & 3.5 mm for Tx • Cable: Quality as per sample • High quality audio receiver for speech layout • High Quality Internal microphone <p>Warranty: 01 year</p>		

18	<p>Dell Power Edge R440 server Low 5840NL-POWER EDGE R440 LOW END</p>	<p>Model: PowerEdge R440 Server (Low End) Make: Dell</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Base: PowerEdge R440 Server • Form Factor: 1U Rack Mount • TPM: Trusted Platform Module 1.2 • Chassis Config: 3.5" Chassis with upto 4 Hot-Plug HDDs • Processor: Intel® Xeon®Sliver 4114 2.2G, 10C/20T, 9.6GT/s, 14M Cache, Turbo, HT (85W) DDR4-2400 • Additional Processor: No Additional Processor • Processor Thermal Configuration: 1 CPU standard • Memory DIMM Type and Speed: 2667MT/s RDIMMs • Memory Capacity: 2x8GB RDIMM, 2666MT/s, Dual Rank • RAID Configuration: C3, RAID 1 for 2 HDDs (Matching Type/Speed/Capacity) • Hard Drives: 2x4TB 7.2K RPM SATA 12Gbps 512n 3.5" Hot-Plug Hard Drive • Embedded Systems Management: iDRAC9, Basic • Riser: Riser Configuration 2, 1x16 LP • Network Card: Dual-Port 1GbE On-Board LOM • Additional Network Card: Broadcom 5720 Dual Port 1GbE Network LOM Mezz Card • Power Supply: Dual, Hot Plug, Redundant Power Supply (1+1), 550W + 550W (Total 1100W) • Power Cords: 2 x UK cables 2Pins, 2.5M • Motherboard: Motherboard R440 • Front LCD: Front LCD Panel for Monitoring • Operating System: No Operating System • Dell Svcs. Hardware Support: 3 Years Basic Hardware Warranty Repair, 5x10 HW-only, 5x10 NBD On-Site. • Dell Svcs. Data Protection: 3 Years Keep Your Hard Drive • Service Tag: Service Tag in Name of Pakistan Air Force duly verified from Dell Website <p>Warranty: 03 Years Dell Standard</p>		
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19	<p>Dell Power Edge R440 Server High 5840NL-POWER EDGE</p>	<p>Model: PowerEdge R440 Server (High End) Make: Dell</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Base: PowerEdge R440 Server • Form Factor: 1U Rack Mount • TPM: Trusted Platform Module 1.2 • Chassis Config: 3.5" Chassis with upto 4 Hot-Plug HDDs • Processor: Intel® Xeon®Sliver 4114 2.2G, 10C/20T, 9.6GT/s, 14M Cache, Turbo, HT (85W) DDR4-2400 • Additional Processor: Intel® Xeon®Sliver 4114 2.2G, 10C/20T, 9.6GT/s, 14M Cache, Turbo, HT (85W) DDR4-2400 • Processor Thermal Configuration: 2 CPU standard • Memory DIMM Type and Speed: 2667MT/s RDIMMs • Memory Capacity: 2x16GB RDIMM, 2666MT/s, Dual Rank • RAID Configuration: PERC H330 RAID Controller, LP • Hard Drives: 2x4TB 7.2K RPM SATA 12Gbps 512n 3.5" Hot-Plug Hard Drives • Embedded Systems Management: iDRAC9, Basic • Riser: Riser Configuration 2, 1x16 LP • Network Card: Dual-Port 1GbE On-Board LOM • Additional Network Card: Broadcom 5720 Dual Port 1GbE Network LOM Mezz Card • Power Supply: Dual, Hot Plug, Redundant Power Supply (1+1), 550W + 550W (Total 1100W) • Power Cords: 2 x UK cables 2Pins, 2.5M • Motherboard: Motherboard R440 • Front LCD: Front LCD Panel for Monitoring • Operating System: No Operating System • Dell Svcs. Hardware Support: 3-Years Basic Hardware Warranty Repair, 5x10 HW-only, 5x10 NBD On-Site. • Dell Svcs. Data Protection: 3Years Keep Your Hard Drive • Service Tag: Service Tag in Name of Pakistan Air Force duly verified from Dell Website <p>Warranty: 03 Years Dell Standard</p>		
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20	<p>OptiPlex 7450 AIO (5840PK0213041)</p>	<p>Model: OptiPlex 7450 AIO Make: Dell</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Processor: Intel 7th Generation Core™ i7 7700 (QC/8MB/8T/3.6Ghz/65W). • Chipset: Intel Q270 Chipset. • Memory: 16GB (2x8GB) DDR4 DIMMs, 2400MHz. • HDD Chassis Type: 2.5" Internal drives Bay with 2 HDDs. • Hard Drive Capacity: 2x1TB 7.2K RPM, SATA 6Gbps 2.5" HDDs. • DVD Drive: 8x DVD+/- RW 9.5mm Optical Drive. • Panel Size: 23.8" IPS viewing angle. • Panel Type: Ultra HD Touch • Connectors: HDMI 1.4 out, HDMI in, DP 1.2, LAN port • Power Supply: Internal PSU 80 Plus 155W EPA Bronze & 200W EPA Platinum energy star compliant. • OS Support: Linux (CentOS/Red Hat) • Dimensions: HxWxD (15.5"x22.7"x2.5") • KB-216 USB Keyboard • Padless Mouse • Stand (Riser and Base) • 2-Pin UK Standard Power Cord 220V, 2.5m • Dell Svcs. Hardware Support: 3-Years Basic Hardware Warranty Repair, 5x10 HW-only, 5x10 NBD On-Site. • Dell Svcs. Data Protection: 3Years Keep Your Hard Drive • Service Tag: Service Tag in Name of Pakistan Air Force duly verified from Dell Website <p>Warranty: 03 Years Dell Standard</p>		
21	<p>TOTEN 42U cabinet with PDU (5842NL-TOTEN42U)</p>	<p>Model: KD.6042.90 (Mesh Door) Make: TOTEN</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Capacity: 42U • Dimensions: <p>Width 600mm (without side panel)</p>		

		<p>Depth 1000mm Height 1999mm Volume 1.4481cbm</p> <ul style="list-style-type: none"> • Color: RAL 9004 (Black) • 19" Standard Rack Mount • Front Door type: Mesh • Loading Capacity: 1000Kg • Degree of Protection: IP20 <p>Standards: Comply with ANSI/EIA RS-310-D, IEC297-2, DIN41494; PART1, DIN41494; PART7 Standard.</p> <ul style="list-style-type: none"> • Main Martial: SPCC Cold Rolled Steel. <p>Optional Requirements:</p> <ul style="list-style-type: none"> • 6Way all usages Power Distribution Units: 05 • Temperature Control Unit. • Cooling Fan Module with 4 Fans. • Locking Wheels plus Stands option. • Standard Nuts and Bolts • Trays (02 Fixed and 02 Sliding) <p>Warranty: 01 Year</p>		
22	<p>ATEN 16 PORT KVM WITH 19" LCD (5840PK0212865)</p>	<p>Model: CL1316 Make: ATEN</p> <p>Specifications:</p> <ul style="list-style-type: none"> • KVM LCD: 19" TFT-LCD • 16 Direct Computers connections • Keyboard/Mouse Interface: USB. • Port Selection: OSD, Hotkeys, Pushbuttons. • OS Support: Windows, Linux, Mac and Sun. • Auto Interface Detection USB. • Connectors: KVM Ports: 16x SPHD-17 Female (Yellow), Firmware upgrade: 1xRJ-11 Female • Power: 1x3-prong AC socket. • Switches: Reset 1x Semi-recessed pushbutton, Power, LCD 		

		<p>Control, LCD on/off and 16 pushbuttons</p> <ul style="list-style-type: none"> • LEDs: Online, selected, Power and Lock. • Resolution: 1280x1024@75Hz. • Power Input: 100 to 240VAC, • Power Consumption: 15.3W • Dimensions: LxWxH (48.30x68.92x4.40cm) <p>Optional Requirements:</p> <ul style="list-style-type: none"> • KVM Switch Rack Mount Kit • KVM Cables: 2L-5203U (3meter – Qty 08). • 2-Pin UK Standard Power Cord 220V, 3m <p>Warranty: 01 Year</p>		
23	<p>Room Alert 12ER (5840PK0213082)</p>	<p>Model: RA12ER Make: AVTECH</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Rack Mode: Rack Mounted Model 1U, 19” • Rack Mounting Kit Available Separately • Operating Temperature: -40 to 85C • Operating Humidity: 5% to 85% RH • Power Source 5VDC 1A Adapter included • Power over Ethernet: Yes (IEEE 802.3af) • Power Input: 110/240VAC • Reset Button: Yes • Ethernet Port: RJ45, 10/100Mbps Base Tx • Ethernet Link Activity Indicator: Yes • Ethernet Cable: 10 Ft cable • Dimensions: 1.75" H x 3.75" D x 19" W <p>Web Server Services:</p> <ul style="list-style-type: none"> • Standalone Capability (No PC Required) • Built-In Web Server • Web Browser Interface • Password Protected • Built-In Web Server Alert Methods • Built-In Web Server Alert Recipients • Graphic Sensor Status Displays 		

- Real-Time Digital Temperature
- Temperature Values Displayed
- Temperature High / Low Watermarks
- Displayed Real-Time Digital Humidity
- Humidity Values Displayed
- Humidity High / Low Watermarks
- Displayed Heat Index Calculated & Displayed
- Real-Time Values In Alerts
- Easy Click Firmware Updates
- SNMP Enabled (Trap & Query)
- Compatible With SNMP Monitoring Applications
- Real-Time Logging Of Sensor Data Via
- Real-Time Sensor Data Feeds
- MIB Files Available

Main Power Sensor:

- Environmental Condition Monitor: Power
- Real time Recognitions: Main power On/Off
- Power Supply: 5VDC 1A Adapter
- Sensor Cable Type: 2 Wire Sensor Cable
- Sensor Cable length: 25 Ft
- Sensor Cable Max Length: 900Ft Approximate

Temperature and Humidity Sensor:

- Environmental Condition Monitor: Temperature and Humidity
- Real time Recognitions: Yes, Temperature and Humidity
- Power Supply: 5VDC 1A Adapter
- Temperature Sensor Range: -40 to 85C
- Temperature Sensor Accuracy: +/- 2C
- Temperature Sensor Resolution: 0.03125C
- Humidity Sensor Range: 5% to 95%
- Temperature Sensor Accuracy: +/- 4.5%
- Temperature Sensor Resolution: 0.03125C
- Power Supply: Mounting Unit
- Cable Sensor Type: RJ-11 Cable
- Sensor Cable length: 25 Ft
- Sensor Cable Max Length: 100Ft Approximate

Warranty: 01 Year

24	Patton VoIP Gateway (5840PK0212632)	<p>Model: SN4332/JO/UI Make: PATTON</p> <p>Specifications:</p> <ul style="list-style-type: none"> • IP Channel Bank Multi-Port FXO Gateway • 32 FXO-Simultaneous voice or fax calls on all ports • Advance local calls switching • Supports the complete range of industry standard VoIP, SIP, H.323, T.38 Fax & Modem bypass and DTMF Relay • Voice processing codecs G.729, G.723 • Power input: 100 to 240VAC, Power Consumption 22W • 19 inch rack mount chassis • Dimensions: WxHxD (48.3cmx4.44cmx30.5cm) <p>Optional Requirements:</p> <ul style="list-style-type: none"> • PN 10-493264-10: 10Ft Cable (64Pin Telco to 32 un-terminated) <p>Warranty: 03 Years</p>		
25	LB/IP Gateway 16 Port SIP Server (5840PK0212835)	<p>Model: LB-IP Gateway 16Port Make: M/s NRTC Haripur</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 16 Port LB-IP Gateway • Expandable to 40 Ports (03 extension cards 2 RU size) • Audio Codec: G.722, G726, ADPCM, G723 and G729 • 2U 19inch rack mount <p>Warranty: 03 Years</p>		
26	MDF Cabinet (5842NL-P-S159- MDFCAB-4TB)	<p>Model: -- Make: --</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Metal cabinet • Moving lockable wheels • All side and back panels removable 		

		<ul style="list-style-type: none"> • Hinge based front door • Space at the back panel for cable ways • Color: Gray • Capacity: 6x100 Line MDF Tag Blocks 		
27	MDF 100 Lines (5842NL-P-S194-P25-P1-10)	<p>Model: MDF Make: Huawei</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 100 Line with surge arrestor • Mounting Kit • Punching tool 		
28	Vocality Basics Radio Relay (4-channel) (5840PK0212728)	<p>Model: Basics Radio Relay (4-Channel) Make: Vocality</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Rugged OEM Option • Small Form Factor • Low Power • SIP Media Gateway Compatible <p>Application:</p> <ul style="list-style-type: none"> • Military/Tactical Radio Relay Extension • SWF/4V & SWF/SNMP Software keys required <p>Warranty: 03 Years</p>		
29	Vocality Basics Tray (5840PK0212727)	<p>Model: Basics Vocality Steel Tray Make: --</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 19 inch Steel tray • Rack mountable 		

30	Cisco Router 4351 (5840PK0212918)	<p>Model: ISR4351 Make: CISCO</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 3GE, 3NIM, 2SM, 4G Flash Memory, 4G DDRM, IPB. • Installed with latest IP Base Cisco Universal IOS Software Image / IP base license for Cisco ISR 4350 series • Activated with licensing for Security Feature-set of IOS. • 8-Port Multiplex Trunk Voice / clear-channel data T1/E1 module (Qty 01). • 2-port WAN NIM, Dual-Mode RJ45/SFP Card (Qty 01) • AC power supply for Cisco ISR 4351 • AC power Cord Type A (UK) • Cover for empty POE slots • Removable faceplates for empty SM slots. • Removable faceplates for empty NIM slots. • Gigabit SFP Transceivers Pluggable 1000-Base-LX (Qty 02) <p>Special Note for Indent: -</p> <ol style="list-style-type: none"> 1. Provision of 01-year warranty for hardware/software issues after delivery of equipment to PAF. 2. Provision of OEM Authorized Partner (MAL) certificate by vendor. 3. Provision of qualified technical support by vender for one-time configuration & installation of equipment on sites and resolve technical queries during warranty period, as and when required. 4. Local training of CCNA & CCNP contents for 15 PAF Engineers / Technicians. <p>Warranty: 01 Year</p>		
31	Cisco Catalyst 3650 48 Port (5840PK0212921)	<p>Model: WS3650-48TS-S Make: Cisco</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Cisco catalyst 3650 48port Data 4*1G uplink • CAT 3650 Universal K9 image • 250W AC power supply • 250W AC secondary / redundant power supply • UK AC Type A power cable (Qty 02) • Type 2 stacking blank 		

		<p>Warranty: 01 Year</p>		
<p>32</p>	<p>NTP Server S600 (Microsemi) (5840PK0212917)</p>	<p>Model: Synch sever S600 (PN : 09015200-606) with Installation Kit Make : Microsemi</p> <p>Specifications:</p> <ul style="list-style-type: none"> • NTP (v2-RFC1119, v3-RFC1305, v4-RFC 5905) • NTP Unicast, Multicast, Broadcast • SNTP (RFC4330) • Time (RFC868) • Daytime (RFC867) • HTTP/SSL/HTTPS (RFC 2616) • SNMPv3 (RFC 3584) • Custom MIB • DHCP (RFC 2131) • Telnet (RFC 854) • MD5 authentication (rfc 1321) • SSH/SCP • SMTP forwarding • IPv4 – IPv6 • Key management protocols control • LAN 1: Mgmt & Time protocol • LAN 2 & 3 : Time protocols • Installation Kit PN: 09015202-125 <p>Options</p> <ul style="list-style-type: none"> • Rubidium oscillator for extended holdover • Security license with upgrade option • Dual power supplies • Installation Kit includes Antenna Kit (GPS/GLONASS antenna + inline amplifier), Cable 100ft, lightning arrestor with 25 ft cable <p>Domain time II comprehensive time client, server & management</p>		

		software for Cent OS Warranty: 01 Year			
33	C-VIVACE Dual Face Plate for CAT-6 I/Os (5840PK0212831)	KB32RJK	Model: Starline Trunking Make: Clipsal Specifications: <ul style="list-style-type: none"> • OEM part no provided in column • Specs/ quoted item should have same OEM part no. 		
34	CLIPSAL / C-Vivace Surface Mount Back Box dual I/Os (5840PK0212830)	NO E238			
35	Schneider CAT-6 I/Os (5840PK0212832)	DC6KYSTU-WT			
36	MAK 50/100 Maxi Trunk (5840PK0212795)	36997			
37	MIES 50/100 Maxi Internal Angle (5840PK0212790)	19252			
38	MAES 50/100 Maxi External Angle (5840PK0212789)	19264			
39	SLC 50/170 Starline Chamfered Trunk (5840PK0212785)	36055			
40	CFW 50/170 Starline CH Flat Angle (5840PK0212784)	36729			
41	CFT 50/170 Starline CH Flat Tee (5840PK0212783)	36783			
42	CIES 50/170 Starline CH Internal Angle (5840PK0212781)	36066			

43	CAES 50/170 Starline CH External Angel (5840PK0212780)	36067	<ul style="list-style-type: none"> • OEM part no provided in column • Specs/ quoted item should have same OEM part no. 		
44	CE 50/170 Starline CH Stop End (5840PK0212779)	36069			
45	CK 50/170 Starline CH Cover Joint (5840PK0212778)	36068			
46	STARLINE Snap-on Extension 80 mm (5840PK0212770)	--			
47					
47	Special Chairs for Controller 5842NL-CH-WM-COM-01	<p>Model: Master Genesis HBC Make: Genesis</p> <p>Specs Details:</p> <ul style="list-style-type: none"> • Fully synchronized knee tilt mechanism • Functional agronomic and eminently aesthetic • Extra torsion adjustment control • Adjustable seat height-gas lifts type • 5 prong pressure die coast aluminum/Nylon • Twin Wheel castors • S shape back rest <p>Optional Requirements:</p> <ul style="list-style-type: none"> • 01 Year Warranty 			
48	BBC SMART MODULE (5840PK0212905)	<p>Model: BBC Smart Module</p> <p>Accessories:</p> <ul style="list-style-type: none"> • Fabrication of a smart module chassis • Power Supply (Skynet SNP-C-10F) • Smart G4 Hybrid Integration Link with IP (SB-RSIP-DN) • Smart Home 3R (SB-3R-UN) • Output Control Relay Circuit • Internal Buzzer and Flasher 			

		<ul style="list-style-type: none"> Water Proof LEDs <p>Optional Requirements:</p> <ul style="list-style-type: none"> 02 Years Warranty 		
49	<p>ATEN 08 Port KVM with 19" LCD (5840PK0212720)</p>	<p>Model: CL1308 Make: ATEN</p> <p>Specs Details:</p> <ul style="list-style-type: none"> KVM LCD: 19" TFT-LCD 08 Direct Computers connections Keyboard/Mouse Interface: USB. Port Selection: OSD, Hotkeys, Pushbuttons. OS Support: Windows, Linux, Mac and Sun. Auto Interface Detection USB. Connectors: <p>KVM Ports: 8x SPHD-17 Female (Yellow) Firmware upgrade: 1xRJ-11 Female Power: 1x3-prong AC socket.</p> <ul style="list-style-type: none"> Switches: <p>Reset 1x Semi-recessed pushbutton, Power, LCD Control, LCD on/off and 8 pushbuttons.</p> <ul style="list-style-type: none"> LEDs: Online, selected, Power and Lock. Resolution: 1280x1024@75Hz. Power Input: 100 to 240VAC, Power Consumption: 15.3W Dimensions: LxWxH (48.30x68.92x4.40cm) <p>Optional Requirements:</p> <ul style="list-style-type: none"> KVM Switch Rack Mount Kit KVM Cables: 2L-5203U (3meter) Quantity: 08. 2-Pin UK Standard Power Cord 220V, 3m 01 Year Warranty 		
50	<p>Dell UPS Rack 5600W.4U,230 V (5842NL-56KW4U)</p>	<p>Model: 5KVA UPS Make: Dell/APC</p> <p>Specs Details:</p>		

		<ul style="list-style-type: none"> • 5000VA/4250W • 208V (240V user selectable) • Frequency 50/60Hz • High resolution LCD • Emergency power off option • 3U Rack mount <p>Optional Requirements:</p> <ul style="list-style-type: none"> • External Battery DLRT 192RMPB • SNMP Card AP9630 • APC Temperature Sensor • SRTRK2 Rail Kit • One (01) years Comprehensive Warranty 		
51	<p align="center">ADS-B Receiver (5840PK0212919)</p>	<p>Model: ADS-B Receiver Make: Plan Vision Systems</p> <p>General Specs:</p> <ul style="list-style-type: none"> • Range 250 nm • Professional ADS-B processor with surge protected Ethernet interface • Narrow band RF frontend filter minimizes interference from close-in VHF-/UHF-transmitters or GSM • Integrated GPS receiver for high precision time stamps • Antenna paths fully earthed • Concurrent display on multiple PCs in LAN • Maritime/offshore rugged version • Extended temperature range -20°...+80°C • Industry package with SNMP client and alarm contact • High gain active antenna +21dB • Internal DC/DC power supply 12/24/48V • Airborne option (DO-160) • Exchange service/Pool access <p>ADS-B Receiver</p> <ul style="list-style-type: none"> • High performance ADS-B Receiver (SAW frontend, ADC, FPGA and Linux Single Board Computer driven) - System processor 32-bit Cortex A8, 1GHz, 4 GB Flash. 		

- Operating system: Debian 8 Kernel 4.1 (LTS).
- Power up boot delay: < 45 secs
- Sensitivity at each receiver antenna port: better than -93 dBm
- Mechanical RF frontend filters with DC short protection, pass band attenuation: < 0.5 dB
- RF filter bandwidth: < 9MHz @ -3 dB

Firmware/Software

- Complete ADS-B decoder compliant to ICAO Annex 10, DO260/A/B, DOC 9871, ED129A et.al. - Decoder latency to output: < 10 ms.
- Packet throughput: > 2.500 packets/sec.
- Additional decoding of Mode-S and TCAS frames.
- Variety of decoder output formats via network interface

Network Interface

- Ethernet port, network connection: Cat. 5e, 10/100 Base TX, RJ-45
- Data protocols: UDP/IP, TCP/IP, HTTP
- Ethernet surge protector, 7.5/70V, 10kA/ 20µs, 100A/1ms, IEC 61643-21

Power supply and Earthing

- IEC 60320 C-14 power connector with integrated power switch
- Industrial grade power supply unit with 20 years MTBF, input voltage 110-230 VAC, surge withstand 300VAC, input frequency 50/60 Hz
- M8 bolt for protective earth connection

Mechanical Data

- 1 Industry grade 19" 2U enclosure from aluminum, VDE and CE compliant - 2 Control lamps for Traffic and Power on front panel
- 1 Standby switch on front panel
- 1 Raw data video out BNC female on front panel
- 1 USB type A maintenance port on front panel
- Dimensions of enclosure: W: 439/479mm, H: 87 mm, D: 300/355 mm

		<p>Accessories</p> <ul style="list-style-type: none"> • Asterix CAT021 V0.26 (B) • Asterix CAT021 V0.23 (B) • Pseudo Asterix CAT181 • Hi-flex antenna Cable, 10 meters (Qty 02) 3/8" Hi-flex low loss Cable, -1.5dB/10m, 1.4kgs/10 meters, br 30mm Connectors N(m)/N(m) • Hi-flex antenna Cable, 5 meters (Qty 02) 3/8" Hi-flex low loss Cable, -1.5dB/10m, 1.4kgs/10 meters, br 30mm Connectors N(m)/N(m) • Jet view-S radar client for Windows/Linux (Qty 01) <p>Optional Requirements:</p> <ul style="list-style-type: none"> • Individual operating and maintenance manual • CE marking including EMC and EN60950-1 compliance • License for commercial use • MTTF > 60,000 hrs. • One (01) Comprehensive Warranty 		
52	<p>ADS-B Antenna Pedestal (5840PK0213048)</p>	<p>Model: -- Make: --</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Metal stand • U-clip for mounting on walls • Standard Nuts / bolts for wall mounting • L-base for mounting of GPS antenna 		
53	<p>Cabling and Services</p>	<p>Cabling & Services Details:</p> <ul style="list-style-type: none"> • Power Cable (110/76) (13 RL) • Power Cable (7/52) Red (06 RL) • Power Cable (7/52) Black (06 RL) • Power Distribution Box for 08 Breakers (09 EA) • Power Distribution Box for 20 Breakers (07 EA) • Circuit Breaker 10 Amp (60 EA) • Circuit Breaker 16 Amp (06 EA) • Circuit Breaker 32 Amp Double Pole (14 EA) • Power Socket Multi 5 Amps (30 EA) • Power Socket 2 Pin 5 Amps (30 EA) • Bush Socket (Water Proof) (36 EA) 		

- | | | | |
|--|---|--|--|
| | <ul style="list-style-type: none"> • 2-Pin Power Plug (60 EA) • Power Extension (56 EA) • Earthing Cable 6mm (7 RL) • Earthing Thimbles 6mm (120 EA) • Screw Driver Set Electric (01EA) • UTP wire stripper (02 EA) • UTP Cat 6 LAN Cable (11 RL) • RJ45 Connectors with Boot (450 EA) • Insulation Tapes (32 EA) • Spiral Wrapping Band (20 PK) • Cable Ties Pros kit (Multi) (07 box) • Double Tape (5RL) • UTP Patch Chords 3M (110 EA) • Patch Panel (Clipsal 3M) (5 EA) • Patch Panel Punching Tool (01 EA) • Drill bits (iron) 6mm (20 EA) • Drill bits (iron) 7mm (20 EA) • Drill bits (hilty) 6 (20 EA) • Moose 4mm (4 Pk) • Moose 6mm (4 Pk) • Moose 10mm (4 Pk) • Rawal plug 6mm (70 EA) • Iron blade (10 EA) • AGE Cutter blade (12 EA) • Measuring Tape Laser (02 EA) • Cooling Fan with Grill 120x120mm (78 EA) • Display Cable DP 3M (05) • Display Cable HDMI 15M (05) • Display Cable HDMI 10M (05) • Hammer (01EA) • Allen-Key Set (02 EA) • Screw 1.5 inch (13 PK) • Screw 1 inch (13 PK) • Screw 3/4 inch (9 PK) • Cage Nuts with bolts (400 EA) • Screw Driver Set Magnetic (01 EA) • Computer Power Cable (24 EA) | | |
|--|---|--|--|

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|--|--|---|--|--|
| | | <ul style="list-style-type: none">• Breaker Comb (48 Breaker)(01EA) | | |
|--|--|---|--|--|

- **Column No 1,2 & 3 to be filled by Splt Dte at the time of submission of Draft Indents to DCM.**
- **Column No 4 to be filled by Suppliers at the time of submission of technical offer.**
- **Column No 5 o be filled in on receipt of the same performa from DP (Air) for clearance of TSR by Splt Dte.**

LEGAL/ ADMINISTRATIVE**TERMS AND CONDITIONS GOVERNING THE CONTRACT**

(to be filled by DP as appropriate this IT as per DP-35)

1. **Warranty.** All goods/ stores/ offered would be brand new, from current year of production. These will be supplied on Form DPL-15 (Appendix III) and will be governed as per warranty clause. This warranty period may be covered by a BG as stipulated above depending on the value/ critically of the tendered equipment/ stores Format of BG against warranty is attached as appendix IV.
2. **Security Deposit/ Bank Guarantee (BG)**
 - a. BG equal to 10% will be imposed on all FOB/ FOR contracts on issuance of letter of Intent/ Acceptance or signing of the contract, the Supplier shall within a period of 30 days, submit a Security Deposit in the following forms:-
 - (i) Demand Draft/ Pay Order from any scheduled bank of Pakistan.
 - (ii) Cash deposit on Form PAFA 507 in favour of Controller Military Accounts (DP).
 - (iii) Treasury Receipt.
 - (iv) Unconditional and irrevocable Bank Guarantee form a scheduled bank of Pakistan, which shall be endorsed in favour of Controller Military Accounts (DP) in the case of local contracts.
 - (v) Unconditional and Irrevocable Bank Guarantee form a scheduled bank of State Bank of Pakistan or through LC opening Pakistani Bank in the case of foreign contracts. Such a Bank Guarantee shall be endorsed in favour of Controller Military Accounts (DP).
3. **Agent Commission.** In case of Involvement of foreign firm's local (Pakistani) agent, the commission %age being paid to the agent must be declared in the offer. This commission will be paid to agents in Pakistani currency (rupees) by CMA (DP) on satisfactory completion of supplier. Letter of Credit will be reduced by corresponding Dollar value of agency commission at the exchange rate of date of opening of commercial offer. In case firm does not have any local agent, then a certificate as per format attached as (appendix-II) will be signed by OEM/principal and included as integral part of contract.
4. **Taxes/ Duties/ Letter of Credit Charges.** All taxes/ duties/ import License Fee/ LC charges as applicable under Govt laws in Pakistan as well as country of Supplier shall be non Supplier's account.
5. **Term of Payment.** Principal/ Supplier may be allowed to draw 80% payment through Letter of Credit on dispatch of stores and 20% on issuance of Certificate Receipt Voucher (CRV) by consignee.
6. **Late Delivery.** In the event in delivery at Supplier's fault, the Supplier shall inform the purchaser before expiry of such delivery period giving reasons/ justification for it. The purchaser shall have the right to take following actions:-
 - a. Cancel the contract, and/ or
 - b. To purchase from elsewhere stores not delivered, at the risk and expense of the Supplier and without notice to him, or
 - c. To recover liquidated damages when the Competent Purchase Officer is satisfied that the failure to supply the stores within the scheduled delivery period has been for reasons with the control of the Supplier, and/ or if the Government has suffered loss for reasons of belated delivery. These liquidated damages, if imposed, will be recovered at the rate of upto 2% but not less than 1% (depending on the merit of the case as decided by Competent Purchase Officer) of the value of stores supplied late per month or a part of month for the period exceeding the original delivery period, subject to the provision that the total liquidated damages thus imposed will not exceed 10% of the total value of the stores delivered late
 - d. The purchaser's decision under this clause shall NOT be subjected to arbitration.
7. **Shipment.** In case of FOB contracts, shipment will be made through PNSC vessel or PIA on Purchaser's account. Details to be incorporated in the contract Shipment through foreign vessel/ flight due to any compulsion will require prior approval of Purchase/ DGDP. For further detail referred to DP-35.
8. **Insurance.** In case of FOB contract, insurance in this contract if required will be on Purchaser's account with NICL, Pakistan.
9. **Subletting.** Supplier not allowed wholly or part of the contract to any other firm/ company without prior permission of the Purchaser. Firm found in breach of this clause will be dealt with as per purchaser's right and discretion.
10. **Purchaser's Right.** Government of Pakistan (represented) by Directorate General Defence Purchase does not pledge himself to accept the lowest or any tender and reserves the right of accepting the whole or any part of the quantity offered. Please be notified that the tender does not constitute ANY obligation

or commitments what-so-ever on the part of the Government of Pakistan to negotiate or conclude ANY or part thereof of the subject contract under any terms or conditions irrespective of the cost, lowest cost or any gradation of the cost. Government of Pakistan reserves the right to cancel the indent, tender or inquiry or to reject any offer or quotation without assigning any reason or explanation.

The purchaser also reserves the right of deletion, addition and cancellation of the contract in part or full without assigning and reason whatsoever and without financial repercussion on either side within 30 days after the signing of contract. Such information will be passed to the supplier on his legal address by the purchaser through the fastest possible means i.e. Telephone, Fax, Telex, Cable Telegram etc.

11. **Export License/ Permit/ End User Cert.** It shall be the responsibility of the supplier to obtain from the Government concerned all permits and export licenses, etc required to enable each consignment to be shipped immediately as per the delivery schedule. In case the supplier fails to arrange export license within 30 days of signing the contract the purchaser reserves the right to cancel the contract on the risk and expense of the supplier without prior notice. The purchaser will provide End User Certificate (EUC) to the supplier within 15 days of signing of the contract for the purposes of getting the export license/ permit. However purchase will not be responsible to arrange export license/ permit on behalf of the supplier for the export of the contracted goods/ stores.

12. **Failure/ Termination.** The purchaser shall be entitled to terminate the contract on Risk and Expense for default on the part of supplier. In case the Purchaser elects to terminate the Contract, the Purchaser shall give notice in writing to the Supplier to make good the default. Should the Supplier fail to initiate proceedings in order to comply with the notice within 15 days from the date of servicing of such notice, the Purchaser may forthwith terminate this contract by notice in writing to the Supplier without prejudice to any rights of supplier. Extra cost if incurred on re-purchase form else where will be on your account.

13. **Secrecy.** The Supplier shall undertake that any information about the sale/ purchase of the stores under this contract shall not be communicated to any person, other than the manufacturer of the stores, or to any press or agency not authorized by the Director General Defence Purchase Division to receive it. Any breach on this account will be punishable under the Official Secret Act-1923 in addition to termination of the contract at the risk of Supplier.

14. **Signature on Appendix V to DP-2 Part-II.** In case of un-registered firm, the attached Appendix V to DP-2 Part-II is required to be signed by the supplier. **(Ref DGDP letter No 1566/01/Gen/Registration dated 19 February, 2014)**

15. **Award of Contract to Un-Registered Firm Valuing Rs 1 Million and above** In case of contract is awarded to un-registered firm valuing Rs 1 million and above, BG from any scheduled Pakistani Bank will be submitted to DP (Air) **BEFORE SIGNING OF THE CONTRACT.** **(Ref DGDP letter No 1566/01/Gen/Registration dated 19 February, 2014)**

16. **Declaration of Movable / immovable Property:** Prior to the award of contract the potential supplier, the firm is required to provide details of movable / immovable property on Rs. 100 judicial stamp paper duly attested by the oath commissioner.

CERTIFICATE

It is certified that no person, firm, corporation, subsidiary or entity in Pakistan or elsewhere shall directly or indirectly receive any rebate, bonus, commission, gift or favour in case or kind other than the commission allowed to M/s (No one allowed) against Contract No----- . In case it is discovered that the contents of this certificate have been infringed/ violated by the supplier, the purchaser will have the right to cancel the contract and/ or impose a penalty equal to 25% f the contract value.

Agent

Principal

Seal & Signature

Seal & Signature

COUNTERSIGNATURE

DP Concerned
Seal & Signature

GUARANTEE FORM DPL-15
PRINCIPAL'S MANUFACTURER'S STANDARD WARRANTY/
SELLER'S LETTER OF GUARANTEE

Firm Name: **M/s** _____

Contract No: _____

1. We hereby guarantee that the articles supplied under the terms of this contract are produced now in accordance with approval drawings in all respect in accordance with the terms of the contract, and that the material used, whether or not of our manufacture, are in accordance with the latest appropriate standard specification, and also in accordance with the terms of the contract complete of good workmanship throughout and that will replace free of cost (FOB/ CIF/ C&F/ FOR) Karachi as the case may be every article or part hereof which before use or in use shall be found defective or is found not within the limits and tolerance of specification requirement or if any way are not in accordance with the requirement of the contract.
2. In case of our failure to replace the defective stores free of cost within a reasonable period, we will refund the relevant cost (FOB/ CIF/ C&F/ FOR) Karachi as the case may be in the currency/ currencies in which received plus freight charges, up to consignee's and the purchaser shall have the right to purchase the stores declared defective at our risk and expense.
3. The supplier also undertakes to make good the deficiency in supply if any.
4. The warranty will remain valid for -----on receipt of stores by the consignee.

Signature: _____
Dated: _____

Note: The signature must be the same as the one on the Tender/ Contract, if otherwise must be shown to be the signature a person capable of giving guarantee on behalf of the contractors.

**BANK GUARANTEE FOR PERFORMANCE ON
JUDICIAL STAMP PAPER OF RS 100/- OR AS
SUITABLE TO THE AMOUNT OF BG**

CONTRACT No:
NAME OF FIRM/ CONTRACTOR:
ADDRESS OF FIRM/ CONTRACT:
NAME OF GUARANTOR: _____
ADDRESS OF GUARANTOR: _____
AMOUNT OF GUARANTOR: Rs _____
DATE OF EXPIRY OF GUARANTEE: _____ (In Words)

To: **The President of Islamic Republic of Pakistan through the Controller of Military Accounts
(Defence Purchase), Rawalpindi**
Sir,

1. Whereas your good self have entered into Contract No. _____
_____ dated _____

With Messrs _____
Full Name and Address

Hereinafter referred to as our customer and that one of the conditions of the Contract is the submission of unconditional Bank Guarantee by our customer to your good-self for a sum of Rs _____ Rupees _____

2. In compliance with this stipulation of the contract, we hereby agree and undertake as under:-
- a. To pay to you unconditionally on demand and/ or without any reference to our Customer an amount not exceeding the sum of Rs _____ Rupees

as would be mentioned in your written Demand Notice.
 - b. To keep this Guarantee in force till _____
 - c. That the validity of this Bank Guarantee shall be kept one clear year ahead of the original/ extended delivery period or the warrantee of the stores which so ever is later in duration on receipt of information form our Customer i.e. _____ or form your office. Our liability under this Bank Guarantee shall cease on the closing of banking hours on the last date of validity of this Bank Guarantee. Claim received thereafter shall not be entertained by us whether your suffer a loss or not. On receipt of payment under this Guarantee, this document i.e. Bank Guarantee must be clearly cancelled, discharged and returned to us.
 - d. That we shall inform your office regarding termination of the validity of this Bank Guarantee one clear month before the actual expiry date of this Guarantee.
 - e. That with the consent of our customer you may amend/ alter any term/ cause of the contract or add/ delete any term/ clause to/ from this contract without making any reference to us. We do not reserve any right to receive any such amendment/ alternation or addition/ deletion provided such like actions do not increase our monetary liability under this Bank Guarantee which shall be limited only to Rs _____ (Rupees _____)
 - f. That the Bank Guarantee herein before given shall not be affected by any change in the constitution of the Bank or Customer/ Supplier or Vendor.
 - g. That this is an unconditional Bank Guarantee, which shall be encashed on sight on presentation without any reference to our Customer/ Supplier or Vendor.

GUARANTOR :

Dated: _____

Bank Seal & Signature:

AFFIDAVIT / UNDERTAKING
(WORTH RS 100/- ON JUDICIAL STAMP PAPER)

Mr _____ Authorized signatory/ Partner/MD of M/s _____, do hereby solemnly affirm to DP (Air), and Directorate General Defence Purchase, Ministry of Defence Production, Rawalpindi that our firm M/s _____ has applied for registration with Director General Defence Purchase (DGDP) duly completed all the documents required by Registration Section on _____ (date) i.e. before signing the contract. I certify that the above mentioned statement is correct. In case it is detected on any stage that our firm has not applied for registration with Director General Defence Purchase or statement given above is incorrect, our firm will be liable for disciplinary action initiated (i.e. debarring, the firm to do business with other Defence Establishment and Government Agencies). I also accept that any disciplinary action taken will not be challenged in any Court of Law.

Station _____

Signature _____

Dated _____

Name _____

Appointment in Firm _____

ATTESTED BY OATH COMMISSIONER WITH STAMP

CERTIFICATE

It is certified that no change/amendment has been made in the documents available on the PAF website. In case, found guilty of any tempering to the IT documents, severe disciplinary action will be taken against my firm.”

Principal / Agent

Seal & Signature

TECHNICAL CONDITIONS/ SPECIFICATIONS OF STORES

1. **Technical Specifications**

1.1 The store/ equipment should confirm to specification/ service requirements and technical data/ drawing (if applicable as per attached **Appendix "A"**. Offer not confirming to required specification or multi offers will be rejected. The supplier shall further undertake to provide all the contracted stores/ goods as per the specification.

1.2 All stores/ Items/ Goods delivered would be brand new, from current year of production, confirming to purchaser specifications/ satisfaction. The supplier will provide all the OEM certificate, quality certification/ inspection documents to the purchaser confirming the quality of the product being supplied under this contract. Stores must bear the manufacture's Identification marking/ monogram.

2. **Requirement of Samples.** The requirement of tender sample will be included in the IT in case the same is required for evaluation by technical authorities. Beside this advance sample if required will be made part of the IT as well as the contract.

3. **Change in Specification/ Mfr/ Model.** No alteration in make/ brand and quality of stores will be entertained after the tenders have been opened. To contrary, any change/ improvement requires approval of tech authority/ user.

4. **Technical Documentation.** All original publication, catalogues and technical/ operational manuals will be supplied free of coat by the supplier at the request of purchaser unless otherwise stated in the contract. Supplier will also provide two copies of compact disc and hand made drawings wherever applicable. The supplier will provide two sets of following documents free of coat for technical scrutiny of the offer (as applicable):-

- a. Technical literature of each item in original form.
- b. Manufacturer's Specifications/ Technical Data/ Drawings and packing details etc of each item in original form.
- c. Acceptance test procedure/ criteria of each item.
- d. Country of origin of each items and port of shipment.

5. **Interchangeability.** A certificate of complete interchangeability must be endorsed on the quotation for substitutes/ in lieu and superseded items. A copy of relevant page of publication must be attached to prove correctness of offered items.

6. **Checking of Store at Consignee End.** All stores will be checked at consignee's end, in the presence of supplier's representatives. If for the reasons of economy, or any other reason, the supplier decides not to nominate his representative for such checking; an advance written notice to this effect will be given by the supplier to the consignee prior to or immediately on shipment of stores. In such an even the supplier will clearly undertake that the decision of consignee with regard to quantities and description of a consignment will be taken as final and discrepancy found will be accordingly made up by supplier. In all other cases the consignee will inform the suppliers about arrival of consignment immediately on receipt of stores through registered mail or fax. If no response from the supplier is received within 15 days from initiation of letter the consignee will have the right to proceed with the checking without supplier's representative, Consignee's report on checking of stores will be binding on the supplier in such cases.

7. **Packing/ Marking.** The supplier shall be responsible for proper packing of the stores in accordance with the relevant paper particulars under the conditions laid down in the contract or other relevant Instructions on the subject in standard export packing worthy of transportation by Sea/ Air/ Road/ Rail so as to ensure their contents being free from loss or damage due to faulty packing on arrival at the ultimate destination. Packing of stores will be done at the expense of the Supplier. All packing cases, containers and other packing material shall become the property of the State on receipt. Marking of packages/ containers shall also be done by end at the expense of the Supplier in accordance with the instructions given by the Purchaser. Failure to mark consignment in accordance with these instructions will render the store liable to rejection. Any loss occurred/ demurrage paid due to wrong marking will be made good by the Supplier.

UNDERTAKING

To:

**The Director of Procurement (AIR)
(Section P-43)
Air Headquarters, Chaklala/ Rawalpindi**

Dear Sir,

1. I/We hereby offer to supply to the Director of Procurement (Air) the stores detailed in schedule to the tender inquiry or such portion thereof as you may specify in the acceptance of tender at the prices offered against the said schedule and further agree that this offer will remain valid up to -----and will not be withdrawn or altered in terms of rates quoted and the conditions already stated therein or on before this date. I/We shall be bound by a communication of acceptance to be dispatched within the prescribed time.

2. I/We have understood the instructions to Tenders and General Conditions, Governing Contract in Form No DP-35 (Revised 2017) included in the pamphlet entitled, Government of Pakistan, Military of Defence (Directorate General Defence Purchase) "General Conditions Governing Contracts" and have thoroughly examined the specifications/ drawings and/ or patterns quoted in the schedule hereto and am/are fully aware of the nature of the stores required and my/ our offer is to supply stores strictly in accordance with the requirements.

Yours faithfully,

(Witness's Signatures)

(Signature of Tenderer)