

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 DP (Air) FOR PARTICIPATION ON 5% ERNEST MONEY. SUCH REQUEST SHOULD BE IN FORM OF A LETTER ON COMPANY'S LETTERHEAD AND IT SHOULD BE SIGNED BY AN AUTHORIZED PERSON OF THE COMPANY. 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).

~~UN-REGISTERED FIRMS ARE NOT ALLOWED TO PARTICIPATE~~

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

No **436328 /P-43**
Directorate of Procurement (Air)
Air Headquarters, Nur Khan,
Chaklala Rawalpindi
Tel: **+92-51-9281363**
Fax: **+92+51-9271499**
Dated: **14-12-2018**

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 DPP&I-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**
 - a. 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.

- b. 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**

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

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

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

- a. **Registered Firms:** 2% of the quoted value subject to maximum ceiling of Rs. 0.200 Million.
- b. **Un-registered Firms:** 5% of the quoted value subject to maximum ceiling of Rs 4.00 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 DPP&I-35 Revised 2017.** Copies of DPP&I-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 form 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
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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
FOREIGN CURRENCY 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.	Principal Firm's Name, Address, Email, Phone No & Fax No. (On award of contract, Letter of Credit will be opened in favour of stated Principal Firm).		
2.	Agent Firm's / Representative's / Liaison Office's Name, Address, Email, Phone No & Fax No.		
3.	Weather Principal or its Agent Firm is registered with DGDP or Not?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
4.	Weather Principal is Indexed with DGDP's Registered Agent Firm or Not?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
5.	Copy of DGDP Registration Certificate along with extension certificate is attached with Technical Offer.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6.	Agency agreement between Principal and Agent Firm is attached with the Technical Offer (for un-registered and registered but un-indexed firms only)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7.	Authorized Distribution-ship Letter from manufacturer of the offered equipment in favour of Principal is attached with Technical Offer. OR If Principal is not authorized distributor of manufacturer of the offered equipment then a Letter from the manufacturer (or its Authorized Distributor of any country) on their letterhead confirming that they have offered their quote to the Principal firm for supplying against this tender No 436328/P-43 is attached. {Relevant address, phone no and email of the Manufacturer/ Distributor must be provided, if already not mentioned on their letterhead. DP(Air) will confirm authenticity of such authorization}.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
8.	Original Treasury Challan Form valuing Rs 200/- is attached with Technical Offer (Both by DGDP Registered and Un-registered firm)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
9.	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 firm)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
10.	Bank Draft in lieu of Earnest Money as per the required amount in favour of CMA (DP) 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
11.	Principal'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
12.	Principal's Proforma invoice with prices is Attached with Commercial Offer only.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
13.	Offered prices should be on CIP ISLAMABAD By Air basis (Incoterm-2010)	<input type="checkbox"/> YES	<input type="checkbox"/> NO
14.	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

15.	Technical Offer must be submitted in 02 sets and commercial offer in 01 set only. Both should be packed separately in sealed envelopes. 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
16.	Technical Scrutiny Report (TSR) document is duly filled, signed and stamped at appropriate column by the Principal firm. Such filled TSR document must be enclosed with the Technical Offer.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
17.	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
18.	Principal'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
19.	Principal's existing Financial load (in Million) {Value of all ongoing contracts with DP(Air)/ DP (Army)/ DP (Navy) or any other Govt/ Civil Organization		
20.	Indicate the currency of offered bid. (US \$, GBP, Euro etc):-		
21.	Is Agent Commission applicable?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
22.	Is Principle's Proforma Invoice inclusive of Agent Commission?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
23.	Store will be delivered within required time period of 06 Months after signing of the contract.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
24.	Manufacturers / Maker's Name, Brand Name and address of OEM.		
25.	Country of Origin of store. List down names of countries in case of more than one country.		
26.	Mode of Shipment should be By Air .	<input type="checkbox"/> YES	<input type="checkbox"/> NO
27.	Indicate Airport / Seaport of Shipment.		
28.	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
29.	Warranty of equipment is minimum 12 Months after release of CRVs.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
30.	Acceptance of terms of Payment through irrevocable / Non-transferable letter of credit with 80% on shipment and 20% on release of CRVs.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
31.	Acceptance of Special Notes as per IT.	<input type="checkbox"/> YES	<input type="checkbox"/> NO
32.	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 436328/P-43
2. Time and Date of Opening: 17-01-2019 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 cased %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. : 436328/P-43
TENDER TITLE : PROCUREMENT OF TERADYNE "I" LEVEL TESTER
FOR DVR, DTC, ACB & RA WITH SPARES
TENDER TYPE : Foreign Currency, **CIP ISLAMABAD** (Incoterm 2010)
SUBMISSION TIME : Before 1030 Hrs on opening date.
TIME & DATE OF OPENING : 1100 Hrs on **17-01-2019**
DELIVERY PERIOD : **Within 06 months after signing of contract**

SCHEDULE OF STORE

(PROCUREMENT OF TERADYNE "I" LEVEL TESTER FOR DVR, DTC, ACB & RA WITH SPARES)

S No	Tender No	Cat/Part No.	Description of Stores	Specs	A/U	Qty
1	436328/P-43	E3661B	Foundation of I Level Tester	Uploaded on PAF website	EA	03
1a		E3661BA-AW5	200-240 Volts International PDU		EA	03
1b		E4457-67000	Power Dist. Unit, Int L 200-240V		EA	03
1.1		E4468BZ	Multi-Bay Systems Kits, Tie Kit for E3661B 1.6m		EA	2
1.2		E4462BZ	Plexiglas Front Door for 1.6 m Rack		EA	3
1.3		E4471AZ	Extractor Fan, 200-240 V (200 cfm)		EA	8
1.4		E7731A	Filler Panel, 1 EIA Unit		EA	10
1.5		E7732A	Filler Panel, 2 EIA Units		EA	12
1.6		E7733A	Filler Panel, 3 EIA Units		EA	2
1.7		E7734A	Filler Panel, 4 EIA Units		EA	2
1.8		Y1217A	Rack Rail Kit for PXI chassis		EA	2
1.9		E3663AC	Basic Rail Kit (for System II instruments) for E3661B		EA	60
1.10		0590-0804	Tinnerman nuts (10-32)		EA	300
1.11		2680-0278	TORX Pan-head screw, 10-32 x 0.5"		EA	300
1.12		E3663-90001	Instruction Notes		EA	1
1.13		35181M	Storage drawer, 5.25", 133 mm (5.25 in), Drawer with slides attached Mounting hardware		EA	1
1.14		46298SZ	Work surface 2 Support rails 2 Left, 2 right filler rail panels Mounting hardware		EA	1
1.15		E3669B	BNC-BNC (f) to (f) panel with 10 floating,		EA	1

			isolated connectors			
1.1 6		E7797A	50 clip-on sheet metal nuts and 50 10-32 decorative screws		EA	4
1.1 7		E7694A	25 clip-on sheet metal nuts and 25 10-32 non-decorative screws		EA	4
1.1 8		J1522AC	10 Torx T25 decorative screws (quartz gray), 10 Torx T25 non-decorative screws with lock washers, and 20 U-type sheet metal nuts		EA	10
2		1181BZ	Testmobile System Cart		EA	1
2.1		35181KZ	Testmobile Work Surface		EA	1
2.2		35181E	Antistatic Mat		EA	1
2.3		35181HZ	Testmobile Printer/Plotter Stand		EA	1
2.4		35181M	5.25 inch Drawer Storage		EA	1
2.5		8120-1575	Power cord cable Assembly		EA	1
3		34470A	Digital multimeter, 7 1/2 digit, Truevolt DMM, with following: 34470A-240 240-volt ac line selection, 34470A-GPB GPIB interface module for Truevolt series DMMs, 34190A Rackmount Kit,		EA	2
3.1		E2308A	Thermistor Temperature Probe,		EA	1
3.2		34136A	High Voltage Probe,		EA	1
3.3		34133A	Precision Electronic Test Leads,		EA	1
3.4		11059A	Kelvin Probe Set,		EA	1
3.5		11060A	Surface Mount Device Probe,		EA	1
3.6		34134A	DC Coupled Current Probe		EA	1
4		33622A	Waveform Generator, 120 MHz, 2-channel, with 33622A-GPB GPIB interface		EA	2
5		34190A	Rackmount Kit for 33622A		EA	2
6		MSOX4104A	Mixed Signal Oscilloscope: 1 GHz, 4 Analog Plus 16 Digital Ch		EA	1
7		N2763A	Rack Mount Kit for the		EA	1

			4000 X-Series Oscilloscopes			
8		1146B	100 kHz/100 A Current Probe for MSO		EA	2
9		N4865A	GPIB-to-LAN Adapter for LAN interface equipment MSO		EA	2
10		E5810B	LAN/GPIB/USB Gateway for USB interface equipment Video Generator		EA	2
11		N6702C	Low-Profile Modular Power System Mainframe, 1200W, 4 Slots, N6709C Rack Mount Kit for Low-Profile Modular Power System Mainframes N6708A Filler Panel Kit for Low-Profile Modular Power System Mainframes - 3 panels		EA	4
12		N6743B	N6743B DC Power Module, 20V, 5A, 100W		EA	2
13		N6774A	N6774A DC Power Module, 35V, 8.5A, 300W		EA	2
14		N6775A	N6775A DC Power Module, 60V, 5A, 300W		EA	2
15		N6776A	N6776A Power Module, 100V, 3A, 300W		EA	2
16		N3300A	N3300A Main Frame Modular DC Load with 1CP012A and 1CM020A Rackmount Flange Kit 88.1mm H (2U) - 4 Brackets (4U Total); 1.75 Inch Hole Spacing		EA	2
17		N3302A	N3302A 150 Watt Electronic Load Module with N3302A-UJ1 8mm screw terminal		EA	2
18		N3303A	N3303A 250 Watt Electronic Load Module with N3302A-UJ1 8mm screw terminal		EA	2
19		N3304A	N3304A 300 Watt Electronic Load Module with N3302A-UJ1 8mm screw terminal		EA	2
20		M9019A	PXIe Chassis: 18-slot, 3U, 24 GB/s, Gen 3, with M9019A-CD1 Software and Product Information		EA	2

			<p>on CD Y1212A PXI slot blockers: qty 5, single slot Y1213A PXI EMC Filler Panel Kit: 5 Slots Y1216B Recess Mount Adapter Kit: M9018B and M9019A Y1217A PXI chassis rack rail kit Y1218A Cable Tray Kit: M9018A/B and M9019A</p>			
21		M9037A	<p>PXle Embedded Controller: Intel i7, 4 GB RAM, 240 GB SSD, with M9037A-CD1 Software and Product information on CD, M9037A-M16 Memory, 16GB M9037A-WE3 Windows Embedded Standard 7 (32 bit) Y1206A USB Keyboard and Optical Mouse Y1261A Display Port to DVI Adapte Y1262A Display Port Cable Y1263A Display Port to VGA Adapter for M9037A Y1264A Spare SSD with carrier WES 7/32 bit/240GB (M9037A)</p>		EA	2
22		M9195B	<p>PXle Digital Stimulus/Response with PPMU: 250 MHz, 16ch, with M9195B-SR2 Max Clock Rate, 250 MHz, M9195B-M01 Memory, 16 Mvectors/ch M9195B-MMS Multiple Module Sync, M9195B-S04 Multi-Site Enabled, Y1245A 0.5 meter Single-site (16 ch) signal cables for M9195B-SR2</p>		EA	9
23		Y1251A	Twelve module sync cable		EA	2
24		Y1252A	Digital Stimulus/Response Adjustment Cable		EA	2

25		M9122A	PXI Matrix Switch: 8x32, 1-Wire, 100Vrms/2A, Armature Relays Y1180A PXI Connector Block: 50 Pin Female Dsub		EA	1
26		M9121A	PXI Matrix Switch: 4x64, 2-Wire, 100Vrms/0.5A, Reed Relays Y1182A PXI Connector Block: 200 Pin, Shielded, Male		EA	1
27		M9187A	Digital IO: 32 inputs, 32 outputs, 0.3V to 50V Y1181A PXI Connector Block: 78 Pin, Shielded, Female Dsub		EA	1
28		M9102A	High-Density Multiplexer: 128-ch, 1- Wire, 100Vrms/1A, Reed Relays Y1182A PXI Connector Block: 200 Pin, Shielded, Male		EA	1
29		M9133A	100 channel single pole singel throw switch Y1182A PXI Connector Block: 200 Pin, Shielded, Male		EA	1
30		N9030B	PXA Signal Analyzer, Multi-touch, with following N9030B-526 Frequency Range, 3 Hz to 26.5 GHz with options N9030B-C35 APC 3.5 mm Connector N9062C SCPI Language Compatibility 1CP105A Rack mount flange and handle kit 177.0mm H (4U) - two brackets and front handles 1KBD001A USB keyboard-smaller keyboard 1MSE001A Mouse		EA	1
31		M9193A-1TP	Digital Stimulus/Response Pattern Editor with data conversion software, Transportable perpetual for M9195B-SR2		EA	1

32		M9192A-1TP	Digital Stimulus/Response Pattern Editor Software, Transportable perpetual for M9195B-SR2		EA	1
33		BV9001B	BenchVue Complete Control Collection with BV9001B-1NP, BV0001B-1NP, BV0002B-1NP, BV0003B-1NP, BV0004B-1NP, BV0006B-1NP, BV0007B-1NP, BV0011B-1NP, BV0012B-1NP, Transportable/Perpetua l		EA	1
34		KS8400A	TAP, KS8400A-1TP Transportable license Test Automation Platform, Developer's System.		EA	1
35		82357B	USB/GPIB interface for direct connection from the USB port on controller to GPIB instruments		EA	3
36		10833A	1M GPIB Cable		EA	8
37		10833B	2M GPIB Cable		EA	6
38		10833C	3M GPIB Cable		EA	4
39		CI 3000 LX	3KVA AC Source with GPIB Interface, Rack mount slide(pair)		EA	1
40		CP-UA1533	USB Multi Bus Interface with co-pilot software.		EA	6
41		16066	D-Sub to 4 Twinax Cable		EA	4
42		2450	Source Meter Unit SMU Instrument milliohm meter with test lead set, GPIB interface		EA	1
43		6517B	Electrometer/High Resistance Meter, High Resistance meter with test lead set, GPIB interface		EA	1
44		2401	Video pattern generator with multiple video formats support		EA	1
45		7078-TRX-TBC	Test Accessory		EA	10
46		PP-0385	Banana Plug Red		EA	10
47		PP-0386	Banana Plug Black		EA	10

48		PP-0387	Banana Plug Green		EA	10
49		PP-0388	Banana Plug Blue		EA	10
50		PP-0389	Banana Plug Yellow		EA	10
51		TL776-ND	USB extension cable		EA	4
52		1528-1115-ND	USB to RS232 Smart Cable.		EA	5
53		29-3840	RF Adapters		EA	2
54		287-7420	ESD Grounding Wrist Strap		EA	10
55		287-7492	RS Pro ESD Earth Bonding Bracket		EA	10
56		Pro 447dw	Data Logger		EA	3
57		225Mi	Test reports microcut		EA	3
58		Dev-Port-Station	2.7GHz quad-core Intel Core i7, 512GB SSD, 16GB memory		EA	3
59		N270C	Y6J31A8 Display		EA	2
60		MPD 41620-235	PDU 20 KVA 3 phase with kit.		EA	1
61		APC-30KVA	APC Galaxy TM 300 3:3 30KVA with batteries		EA	1
62		16-1063-ND	Green copper ground cable		Feet	15
63		16-H07RN-F-5C-10	Square 5 Core Flexible		Mtr	10
64		16-H07RN-F-5C-5	Square 5 Core Flexible		Mtr	5
65		561820	Receiver, SCOUT, 21 Slot		EA	1
66		561653	Module, Blank, Scout, Rcvr/ITA		EA	1
67		561968	Flange Kit, Ext, Scout, Agilent M9018A		EA	1
68		562163	Slide Shelf Assy, 27 to 30 Inch Rack		EA	1
69		561654	Module, Blank, ITA, Carrierless		EA	1
70		561305	ITA, SCOUT, 21-Slot, No Carriers		EA	12
71		561497	Enclosure, ITA, 21-Slot, 6" Deep, Hinged		EA	11
72		561003X	Carrier, Receiver, 1 Slot, PXI		EA	21
73		561311	Module, Receiver, Signal, Discrete, 96 positions.		EA	6
74		PC 000 003 013 072	Patch Cord, 0884013R-01, M22759/11-14-0, 72 Inch		EA	10
75		PC 000 003 014 072	Patch Cord, 0884013R-01, M22759/11-14-2, 72		EA	10

			Inch			
76		PC 000 001 022 072	Patch Cord,0884012R-01,M22759/11-20-0,72 Inch		EA	40
77		PC 000 001 023 072	Patch Cord,0884012R-01,M22759/11-20-2,72 Inch		EA	10
78		561411	Module, ITA, Signal, Discrete, 96 positions		EA	24
79		PC 000 004 013 072	Patch Cord,0883013-02,M22759/11-14-0,72 Inch		EA	88
80		PC 000 004 014 072	Patch Cord,0883013-02,M22759/11-14-2,72 Inch		EA	88
81		PC 000 002 022 072	Patchcord, 0883012-02, M22759/11-20-0, 72 INCH		EA	264
82		PC 000 002 023 072	Patch Cord,0883012-02,M22759-11-20-2,72 Inch		EA	88
83		562179	Module,Receiver,10-100 Position,Crimp,1mm		EA	2
84		PC 000 005 004 072	Patch Cord,0884011-01,M22759/11-8-9,72 Inch		EA	2
85		PC 000 005 005 072	Patchcord, 0884011-01,M22759-1182,72 Inch		EA	9
86		PC 000 005 006 072	Patch Cord,0884011-01,M22759/11-8-0,72 Inch		EA	9
87		PC 000 151 024 072	Patch Cord,562150,M22759/11-20-9,72 Inch		EA	2
88		PC 000 151 025 072	Patchcord, 562150, M22759-11220, 72Inch		EA	2
89		PC 000 151 026 072	Patch Cord,562150,M22759/11-22-2,72 Inch		EA	2
90		562181	Module,ITA,10/100 Position,Crimp,1mm		EA	100
91		PC 000 006 004 072	Patch Cord,0883011-02,M22759/11-8-9,72 Inch		EA	22
92		PC 000 006 005 072	Patch Cord,0883011-02,M22759/1182,72 Inch		EA	77
93		PC 000 006 006 072	Patch Cord,0883011-02,M22759/11-8-0,72 Inch		EA	77
94		PC 000 150 024 072	Patchcord, 563700, M22759-11209, 72 inch		EA	422
95		PC 000 150 023 072	Patchcord, 563700, M22759-11202, 36 inch		EA	11

96		PC 000 150 025 072	Patch Cord,563700,M22759/1 1-22-0,72 Inch		EA	11
97		561308	Module, Receiver, High-Freq., 18 position		EA	2
98		PC 026 053 040 072	Patchcord, 7865100, RG316, 10559-01, 72 inch		EA	18
99		PC 000 001 024 072	Patch Cord,0884012R- 01,M22759/11-20-9,72 Inch		EA	37
100		PC 001 050 022 072	Patch Cord,0884012R- 01,M39N864,M22759/1 1-20-0,72 Inch		EA	7
101		PC 001 049 023 072	Patch Cord,0884012R- 01,M39N863,M22759/1 1-20-2,72 Inch		EA	7
102		PC 000 114 055 072	Patch Cord,MPL7547,M17- 176-00002,72 Inch		EA	7
103		561408	Module, ITA, Hi Freq., 18 positions		EA	11
104		PC 000 027 040 072	Patchcord, 7865200, RG316, 72 Inch		EA	121
105		PC 000 002 024 072	Patch Cord,0883012- 02,M22759/11-20-9,72 Inch		EA	176
106		561314	Module, Receiver, Mini- Power, 24 Position		EA	2
107		PC 000 005 023 072	P-CORD, 20 AWG, RED, 0884011-01, 36 INCH		EA	7
108		PC 000 005 022 072	P-CORD, 20 AWG, BLACK, 0884011-01, 72 INCH		EA	7
109		561414	Module, ITA, Mini- Power, 24 Position		EA	2
110		PC 000 006 023 072	Patch Cord,0883011- 02,M22759/11-20-9,72 Inch		EA	66
111		PC 000 006 022 072	Patch Cord,0883011- 02,M22759/11-22-0,72 Inch		EA	66
112		561309	Module, Receiver, 9 positions, for 7865100- 05 contacts		EA	2
113		7865100-05	Contact, Receiver, Coax H Freq, DC- 18GHz, 50Ohm, SMA		EA	2
114		561409	Module, ITA, 9 positions, for 7865200- 05 contacts		EA	2
115		7865200-05	Contact, ITA, Coax H Freq, DC- 18GHz, 50Ohm, SMA		EA	2
116		M150-117F-670960	Patch Cord, HiFrequency117(F)-		EA	4

			405SF-SMA(M), 96in			
117		561332	Module, Receiver, Micro-Coax, 59 Position		EA	2
118		PC 000 069 041 072	Patch Cord,561201,RG178,72 Inch		EA	20
119		PC 000 069 053 072	Patchcord, 561201, JOY 06, 75 OHM, 72Inch		EA	20
120		561432	Module, ITA, Coax, 59 Position		EA	11
121		PC 000 070 041 036	Patchcord, 562201 Micro Coax, RG178 36 inch		EA	20
122		PC 000 070 053 036	Patchcord, 562201 Micro Coax, JOY 06, 75Ohm, 72 inch		EA	20
123		561318	Module, Receiver, Triax, 6 Position		EA	2
124		PC 100 100 055 072	Patch Cord,7864100-01,M17/176-00002,7864100-01,18 Inch		EA	8
125		561418	Module, ITA, Triax, 6 Position		EA	11
126		PC 000 101 055 072	Patch Cord,7864200-01,M17/176-00002,72 Inch		EA	22
127		CUST100145	DAK, 8 slot, 8x 562180, for 8x M9195B		EA.	1
128		PC 000 150 030 072	Patch Cord,563700,M22759/11-24-9,72 Inch		EA	2500
129		561036X1	DAK, Flex, Ext,562896,200 Pin LFH Male,1mm		EA	3
130		561896	Module, ITA, 200 pos, 1mm Contact, Discrete		EA	55
131		561707X1	DAK, Cable, Ext,562897,X2 RJ45,15 Pin D-Sub		EA	1
132		561073X1	DAK, Cable,Ext,562897, 78 Pin D-Sub, Female		EA	1
133		561006	Protective Cover, Receiver,SCOUT, 21 Slot		EA	2
134		561007	Protective Cover, ITA, SCOUT, 21 Slot		EA	12
135		5511285	Strain Relief Plate, Receiver and ITA		EA	100
136		561211	Tooling, SCOUT, DAK Assembly		EA	1
137		412801	Extraction Tool, Signal Contact		EA	1
138		452200-MSP	Hand Crimp Tool, Spiral Crimp Frame, Miniature		EA	1

139		452207	Positioner, 1mm Male, 563700		EA	1
140		452208	Positioner, 1mm Female, 562150		EA	1
141		412808	Extract. Tool, Power & Coax Contact,ITA/Rec		EA	1
142		452300	Tooling, MATE Coax Crimp Tool		EA	1
143		452312	Tooling, Positioner, Mini-Coax contacts		EA	1
144		412714	Extraction Tool, HiFreq Coax Contact, Receiver/ITA		EA	1
145		412804	Extraction Tool, High Density Pin		EA	1
146		452400	Tooling, Crimp 0884013R-01 contact		EA	1
147		452401	Tooling, Positioner, Female Signal Contacts		EA	1
148		452200	Tooling, MATE Signal Pin Crimp		EA	1
149		452202	Tooling, Turret, Male Signal Contacts		EA	1
150		452500	Tooling, Crimp Frame, Female Signal Contacts		EA	1
151		452501	Tooling, Positioner, Female Signal Contacts		EA	1
152		412800	Extraction Tool, Micro Coax & Micro Power Contacts		EA	1
153		452315	Tooling, Hex Die Set, for CTI Micro-Coax contacts40-120001-0		EA	1
154		44A1121-24-0/9-9	Multicore Screened Cable		RL	1
155		3096122-M	MULTICORE / LOCTITE		REEL	22
156		35594	Flux Remover Printed, Blue		Btl	11
157		MF300	Solder Flux		Btl	11
158		SPC00444A004 25M	Blue, 22 AWG		REEL	12
159		SPC00444A001 25M	Red, 22 AWG		Reel	12
160		SPC00444A002 25M	Black, 22 AWG		Reel	12
161		SPC00444A005 25M	Green, 22 AWG		Reel	12
162		MC001983	CABLE TIE		PK	20
163		MC002003	CABLE TIE		PK	11
164		RNF-3000-3/1-0	Heat Shrink		Mtr	22
165		RNF-3000-12 /4-2	Heat Shrink		Mtr	22
166		RNF-3000-6/2-X	Heat Shrink		Mtr	33

167		RNF-3000-6/2-0	Heat Shrink		Mtr	20
168		PET10BK50MR	Sleeving, Black		RL	12
169		HEGPA6603 BLACK	Sleeving, Black		RL	20
170		RNF-3000-12/4-X	Heat Shrink		Mtr	10
171		RNF-3000-3/1-X-2	Heat Shrink		Mtr	11
172		LR55S-HS-BK-Q1	CABLE TIE		EA	11
173		3M-200 TAPE	3M - 200 TAPE		EA	12
174		RNF 3000-12/4-0	Heat Shrink		MR	32
175		HEGPA6608 BLACK	Sleeving, Black		RL	10
176		HEGPA6614 BLACK	Sleeving, Black		RL	10
177		FIX-PCB-SAF	PCBs with various sets of resitors and misc components for ITA fixture verification and safety.		EA	11
178		FIX-MFRT-A	Misc. Fixture Manufacturing Items (Black /Transparent/Shrinkable Sleeves, Single/Multi Stain Multi Color Wires, Cable ties, Flux, Soldering Wire, Pin Male/Female connectors etc		SET	2
179		16ML470MEFC10X 9	Electrolytic Capacitor, Miniature		EA	2
180		5963PK0001502	BARE PCB CUS		EA	2
181		5963PK0001533	BARE PCB CUS		EA	2
182		AVMP-3PB	1 IN, 3 OUT RGBHV VIDEO SPLITTER		EA	2
183		FEC148-535	SOCKET 36+36 PIN		EA	2
184		MK-244-021-243- 2200	RECEPTICAL MOUNT (21 PIN)		EA	4
185		BJ72	RF / Coaxial Connector, Triaxial		EA	3
186		MS27656T15B35S	37 PIN SOCKET		EA	2
187		MS27467T15B35S N	37 PIN MATING CONNECTOR		EA	3
188		MS27467T15B35S A	37 PIN MATTING CONNECTOR SOCKET		EA	6
189		MS27656T15B35P A	37 PIN PLUG		EA	3
190		PL75-7	Mating Connector		EA	3
191		MF25 2K	Through Hole Resistor, 2 kohm		EA	40

192		MF12 75R	Through Hole Resistor, 75 ohm		EA	60
193		AD813ANZ	Video Amplifier, 3 Amplifiers		EA	20
194		MF25 1K	Through Hole Resistor, 1 kohm		EA	170
195		WCR1206-1K0FI	SMD, 1 kohm		EA	20
196		WCR1206-10KFI	SMD 10 kohm		EA	20
197		WCR1206-120RFI	RSMD, 120 ohm		EA	10
198		MMBT2222A	Bipolar (BJT) Single Transistor		EA	10
199		MAX485CSA+.	Transceiver RS422/RS485 Driver		EA	10
200		MAX203ECWP+G3 6	RS232 Transceiver RS232		EA	5
201		MCU1206R104KC T	SMD Multilayer Ceramic Capacitor		EA	5
202		MM-214-021-161- 44W3	PLUG RUGED CABLE (21 PIN)		EA	3
203		JY27467T11B35SN	Socket		EA	2
204		JY27467T13B35SN	Connector		EA	2
205		JY27467T17B35SN	Plug		EA	2
206		JY27467T21B35SN	Connector		EA	2
207		JY27467T23B35SA	Socket conenctor		EA	2
208		JY27467T23B35SB	Socket connector		EA	2
209		HB-B22	Stain relief cover socket		EA	3
210		HB-B20	Back Shell		EA	1
211		HB-B16	Back Shell		EA	1
212		HB-B12	Stain relief cover socket		EA	5
213		HB-B10	Rear Accessory		EA	1
214		MS27473T22B35S	Round pin connector 100pins		EA	2
215		M85049/49-2-22W	Connector		EA	1
216		2249-C-72	BNC Cable 50 Ohm		EA	2
217		JMS27656T15B35 S	Female 35 Pin Socket		EA	2
218		JMS27656T17B26 S	Socket		EA	4
219		JMS27656T9B98P	3 Pin Receptacle		EA	2
220		DTC-TST-V1.0	BARE PCB		EA	2
221		4840.22	DC Power Connector, 2-pole		EA	2
222		MHCCOV-9MEL	D Sub Backshell, Diecast, Rapid Assembly, DE, 180°, Zinc Body		EA	2

223		828347-2	D Sub Connectors		EA	10
224		SDE9P	Plug		EA	6
225		SDE9S	Receptical		EA	6
226		5636A9	Toggle Switch, SPDT		EA	2
227		59-112	Pushbutton Switch, Off-(On)		EA	2
228		MC19021003	LED Panel Mount Indicator, Red		EA	2
229		MC19021001	LED Panel Mount Indicator, Green		EA	2
230		MAX232AEPE+.	Line Receiver RS232, 2-drivers		EA	2
231		LM7805CT	Linear Voltage Regulator		EA	2
232		YR1B1K0CC	Resistor , 1 kohm		EA	10
233		YR1B10KCC	Through hole, 10 kohm		EA	8
234		2N2222A	Bipolar (BJT) Single TransistoR		EA	4
235		MCFYU6104Z6	Ceramic Disc Capacitor		EA	8
236		825440-7	Board-To-Board Connector, Through Hole, 2 Rows		EA	2
237		FEC 968-9354	14 Contacts, Receptacle, Crimp, 2 Rows		EA	1
238		D38999/26KC35PN	22 Pin mating connector		EA	2
239		MAX485CPA+	CMOS Differential Bus Transceiver RS485/RS422		EA	4
240		595-1706-ND	TRANSFORMER 12V		EA	1
241		HB-F24	Back Shells		EA	6
242		JY27467T25F43SA	612 AXB connector		EA	2
243		JY27467T25F43SN	612 AXA connector		EA	2
244		HB-B18	613 AXB connector Back Shell		EA	2
245		HB-B24	613 AXA connector Back Shell		EA	2
246		JY27467T13F98SN	613 AXC connector		EA	2
247		JY27467T19F11SN	613 AXB connector		EA	2
248		JY27467T25F41SN	613 AXA connector		EA	2
249		JY27467T25F25SA	615 AXC connector		EA	2
250		JY27467T25F25SB	615 AXA connector		EA	2
251		JY27467T25F25SN	615 AXB connector		EA	2
252		53111220	Black Cable Gland		EA	20
253		NGM20S-BLK	Black Nylon, IP68 Cable Gland With		BG	3

			Locknut			
254		EXCGM20S	IP68 Cable Gland		BG	5
255		DMA060MF	DB9 MALE- DB9 FEMALE		EA	1
256		TEI14949	BNC adopter		EA	2
257		1437561-0	switch spst 08pins		EA	2
258		558EP1601-2-00	RF Cable (TNC/TNC)		EA	1
259		558EP1602-1	RF Cable (BNC/BNC)		EA	1
260		2002344-V-01-00	RF Cable (BNC/SMA)		EA	1
261		SPC35340	DB9 cable		EA	1
262		NIV-SERIAL-CABLE-M	Serial Cable		EA	1
263		BNC/SMA	ADAPTER		EA	1
264		BNC T- Type	ADAPTER		EA	1
265		POWERPACK 3320p-3/3	20 KVA UPS (3 PHASE)		EA	2

IMPORTANT NOTES:-

1. Quotations must be submitted in Foreign Currency on **CIP ISLAMABAD AIRPORT** basis (Incoterm 2010)
2. **Particular Governing Supply**
Specification /Technical data entered against each item on the indent form for guidance of manufacturer and inspector. **(Specifications Attached)**
3. **Inspection Criteria:-**
100% physical inspection will be carried out by the inspectors of No. 103 ALC, PAF with assistance of Co-Opted member of specialist Dte as follows:-
 - a. **Physical Check**
 - i. Store will be checked for physical damage, scratches and deformity or any defect.
 - ii. Items will be indentified with part numbers.
 - iii. Brand name, country of origin and dimensions / specifications.
 - iv. Documentations /Publications / TOs.
 - b. Stores must be factory new and from current year production.
 - c. **Warranty:-**
A warranty sticker is to be pasted on by the form highlighting following information:-
 - (i) Name of firm.
 - (ii) Contract No and date.
 - (ii) Description of store.
 - (iv) Warranty validity

Note: In case of premature failure, firm has to be replace / rectify the equipment/spares free of cost during warranty period. Required transportation charges would be paid by the supplier.
 - d. **Packing**
 - (i) Each item/spares must be packed separately using waterproof material in standard packing / appropriate boxes.
 - (ii) Packing must be suitable for transportation of item over long distance by road / rail / sea / air.
 - e. **Delivery of Store**

After 100 % inspection suppliers will dispatch the stores to consignee at his own arrangement.

4. **Release of CRV:-**

CRV will be released by consignee after the receipt of acceptance certificate by the specialist Dte.

Special Notes:-

1. Prices must be firm and final.
2. Price be frozen for 02 years.
3. Store must be factory new and from current year production with OEM calibration certificate
4. One year warranty to be provided covering all hardware, software and calibration aspects.
5. 3 year warranty against any un serviceability.
6. Details of after sale hard ware/spare parts, firmware and soft ware support to be provided.
7. All necessary cables, connectors, adaptors, probes will be provided with items.
8. Details of all necessary accessory kits or to be included in the proposal.
9. Details of calibration services/support and CAL manuals are also to be included.
10. Details of soft and hard copies of technical and maintenance manuals.
11. Details of necessary interface documents and soft ware to be provided.
12. Details of configuration/installation guides are to be provided.
13. **Free of cost Training for item S No 22, 31, 32, 33 and 34 (2 Weeks) on tester at OEM premises for 03 officers.**
14. **Free of cost installation services are required for item S No 1 (including 1.1 to 1.18).**

TECHNICAL SCRUTINY REPORT (TSR)

1	2		3	4	8
S No	PART NUMBER	NOMENCLATURE	INDENTED ITEM'S SPECS(BY USER) AS PER OEM SPECIFICATIONS	SPECIFIC ATIONS OFFERE D BY THE SUPPLIE R	COM MEN TS/A CCE PTED
1	E3661B	<p>Foundation w/doors includes following frames, doors, covers, panel & PDU including: Front door with glass, vented top & bottom rear door, solid side panels, mounting channels, cable entry housing, pedestal bases, cooling fans with 19" Standard Single Door Shielded Rackmount with sides, rear door and PDU (200-220V), add rack accessory, Rack Cabinet, 1 IEC-320 C-19 and 10 C-13 Receptacles, 2m cord.</p> <p>Note: Items from S/N 1.1 to 1.18 should be in integrated and assembled form as a single package. Integration of rack cabinet should be carried out on site the presence of customer officials for customizations according to customer requirements.</p>			
1a	E3661BA-AW5	200-240 Volts International PDU; includes rear door and side panel			
1b	E4457-67000	Power Dist. Unit, Int L 200-240V			
1.1	E4468BZ	Multi-Bay Systems Kits, Tie Kit for E3661B 1.6m			
1.2	E4462BZ	Plexiglas Front Door for 1.6 m Rack			
1.3	E4471AZ	Extractor Fan, 200-240 V (200 cfm)			
1.4	E7731A	Filler Panel, 1 EIA Unit			
1.5	E7732A	Filler Panel, 2 EIA Units			

1.6	E7733A	Filler Panel, 3 EIA Units			
1.7	E7734A	Filler Panel, 4 EIA Units			
1.8	Y1217A	Rack Rail Kit for PXI chassis			
1.9	E3663AC	Basic Rail Kit (for System II instruments) for E3661B			
1.10	0590-0804	Tinnerman nuts (10-32)			
1.11	2680-0278	TORX Pan-head screw, 10-32 x 0.5"			
1.12	E3663-90001	Instruction Notes			
1.13	35181M	Storage drawer, 5.25", 133 mm (5.25 in), Drawer with slides attached Mounting hardware			
1.14	46298SZ	Work surface 2 Support rails 2 Left, 2 right filler rail panels Mounting hardware			
1.15	E3669B	BNC-BNC (f) to (f) panel with 10 floating, isolated connectors			
1.16	E7797A	50 clip-on sheet metal nuts and 50 10-32 decorative screws			
1.17	E7694A	25 clip-on sheet metal nuts and 25 10-32 non-decorative screws			
1.18	J1522AC	10 Torx T25 decorative screws (quartz gray), 10 Torx T25 non-decorative screws with lock washers, and 20 U-type sheet metal nuts			
2	1181BZ	Testmobile System Cart			
2.1	35181KZ	Testmobile Work Surface			
2.2	35181E	Antistatic Mat			
2.3	35181HZ	Testmobile Printer/ Plotter Stand			
2.4	35181M	5.25 inch Drawer Storage			
2.5	8120-1575	Power cord cable Assembly			
3	34470A	Digital multimeter, 7 1/2 digit, Truevolt DMM, with following: 34470A-240 240-volt ac line selection, 34470A-GPB GPIB interface module for Truevolt series DMMs, 34190A Rackmount Kit,			
3.1	E2308A	Thermistor Temperature Probe,			

3.2	34136A	High Voltage Probe,			
3.3	34133A	Precision Electronic Test Leads,			
3.4	11059A	Kelvin Probe Set,			
3.5	11060A	Surface Mount Device Probe,			
3.6	34134A	DC Coupled Current Probe			
4	33622A	Waveform Generator, 120 MHz, 2-channel, with 33622A-GPB GPIB interface			
5	34190A	Rackmount Kit for 33622A			
6	MSOX4104A	Mixed Signal Oscilloscope: 1 GHz, 4 Analog Plus 16 Digital Ch			
7	N2763A	Rack Mount Kit for the 4000 X-Series Oscilloscopes			
8	1146B	100 kHz/100 A Current Probe for MSO			
9	N4865A	GPIB-to-LAN Adapter for LAN interface equipment MSO			
10	E5810B	LAN/GPIB/USB Gateway for USB interface equipment Video Generator			
11	N6702C	Low-Profile Modular Power System Mainframe, 1200W, 4 Slots, N6709C Rack Mount Kit for Low-Profile Modular Power System Mainframes N6708A Filler Panel Kit for Low-Profile Modular Power System Mainframes - 3 panels			
12	N6743B	N6743B DC Power Module, 20V, 5A, 100W			
13	N6774A	N6774A DC Power Module, 35V, 8.5A, 300W			
14	N6775A	N6775A DC Power Module, 60V, 5A, 300W			
15	N6776A	N6776A Power Module, 100V, 3A, 300W			
16	N3300A	N3300A Main Frame Modular DC Load with 1CP012A and 1CM020A Rackmount Flange Kit 88.1mm H (2U) - 4 Brackets (4U Total); 1.75 Inch Hole Spacing			
17	N3302A	N3302A 150 Watt Electronic Load Module with N3302A-UJ1 8mm screw terminal			

18	N3303A	N3303A 250 Watt Electronic Load Module with N3302A-UJ1 8mm screw terminal			
19	N3304A	N3304A 300 Watt Electronic Load Module with N3302A-UJ1 8mm screw terminal			
20	M9019A	<p>PXle Chassis: 18-slot, 3U, 24 GB/s, Gen 3, with M9019A-CD1 Software and Product Information on CD</p> <p>Y1212A PXI slot blockers: qty 5, single slot</p> <p>Y1213A PXI EMC Filler Panel Kit: 5 Slots</p> <p>Y1216B Recess Mount Adapter Kit: M9018B and M9019A</p> <p>Y1217A PXI chassis rack rail kit</p> <p>Y1218A Cable Tray Kit: M9018A/B and M9019A</p>			
21	M9037A	<p>PXle Embedded Controller: Intel i7, 4 GB RAM, 240 GB SSD, with M9037A-CD1 Software and Product information on CD, M9037A-M16 Memory, 16GB</p> <p>M9037A-WE3 Windows Embedded Standard 7 (32 bit)</p> <p>Y1206A USB Keyboard and Optical Mouse</p> <p>Y1261A Display Port to DVI Adapte</p> <p>Y1262A Display Port Cable</p> <p>Y1263A Display Port to VGA Adapter for M9037A</p> <p>Y1264A Spare SSD with carrier WES 7/32 bit/240GB (M9037A)</p>			

22	M9195B	PXIe Digital Stimulus/Response with PPMU: 250 MHz, 16ch, with M9195B-SR2 Max Clock Rate, 250 MHz, M9195B-M01 Memory, 16 Mvectors/ch M9195B-MMS Multiple Module Sync, M9195B-S04 Multi-Site Enabled, Y1245A 0.5 meter Single-site (16 ch) signal cables for M9195B-SR2			
23	Y1251A	Twelve module sync cable			
24	Y1252A	Digital Stimulus/Response Adjustment Cable			
25	M9122A	PXI Matrix Switch: 8x32, 1-Wire, 100Vrms/2A, Armature Relays Y1180A PXI Connector Block: 50 Pin Female Dsub			
26	M9121A	PXI Matrix Switch: 4x64, 2-Wire, 100Vrms/0.5A, Reed Relays Y1182A PXI Connector Block: 200 Pin, Shielded, Male			
27	M9187A	Digital IO: 32 inputs, 32 outputs, 0.3V to 50V Y1181A PXI Connector Block: 78 Pin, Shielded, Female Dsub			
28	M9102A	High-Density Multiplexer: 128-ch, 1-Wire, 100Vrms/1A, Reed Relays Y1182A PXI Connector Block: 200 Pin, Shielded, Male			
29	M9133A	100 channel single pole single throw switch Y1182A PXI Connector Block: 200 Pin, Shielded, Male			

30	N9030B	PXA Signal Analyzer, Multi-touch, with following N9030B-526 Frequency Range, 3 Hz to 26.5 GHz with options N9030B-C35 APC 3.5 mm Connector N9062C SCPI Language Compatibility 1CP105A Rack mount flange and handle kit 177.0mm H (4U) - two brackets and front handles 1KBD001A USB keyboard-smaller keyboard 1MSE001A Mouse			
31	M9193A-1TP	Digital Stimulus/Response Pattern Editor with data conversion software, Transportable perpetual for M9195B-SR2			
32	M9192A-1TP	Digital Stimulus/Response Pattern Editor Software, Transportable perpetual for M9195B-SR2			
33	BV9001B	BenchVue Complete Control Collection with BV9001B-1NP, BV0001B-1NP, BV0002B-1NP, BV0003B-1NP, BV0004B-1NP, BV0006B-1NP, BV0007B-1NP, BV0011B-1NP, BV0012B-1NP, Transportable/Perpetual			
34	KS8400A	TAP, KS8400A-1TP Transportable license Test Automation Platform, Developer's System.			
35	82357B	USB/GPIB interface for direct connection from the USB port on controller to GPIB instruments			
36	10833A	1M GPIB Cable			
37	10833B	2M GPIB Cable			
38	10833C	3M GPIB Cable			
39	CI 3000 LX	3KVA AC Source with GPIB Interface, Rack mount slide(pair)			
40	CP-UA1533	USB Multi Bus Interface with co-pilot software.			
41	16066	D-Sub to 4 Twinax Cable			

42	2450	Source Meter Unit SMU Instrument milliohmmeter with test lead set, GPIB interface			
43	6517B	Electrometer/High Resistance Meter, High Resistance meter with test lead set, GPIB interface			
44	2401	Video pattern generator with multiple video formats support			
45	7078-TRX-TBC	Test Accessory			
46	PP-0385	Banana Plug Red			
47	PP-0386	Banana Plug Black			
48	PP-0387	Banana Plug Green			
49	PP-0388	Banana Plug Blue			
50	PP-0389	Banana Plug Yellow			
51	TL776-ND	USB extension cable			
52	1528-1115-ND	USB to RS232 Smart Cable.			
53	29-3840	RF Adapters			
54	287-7420	ESD Grounding Wrist Strap			
55	287-7492	RS Pro ESD Earth Bonding Bracket			
56	Pro 447dw	Data Logger			
57	225Mi	Test reports microcut			
58	Dev-Port-Station	2.7GHz quad-core Intel Core i7, 512GB SSD, 16GB memory			
59	N270C	Y6J31A8 Display			
60	MPD 41620-235	PDU 20 KVA 3 phase with kit.			
61	APC-30KVA	APC Galaxy TM 300 3:3 30KVA with batteries			
62	16-1063-ND	Green copper ground cable			
63	16-H07RN-F-5C-10	Square 5 Core Flexible			
64	16-H07RN-F-5C-5	Square 5 Core Flexible			
65	561820	Receiver,SCOUT,21 Slot			
66	561653	Module,Blank,Scout,Rcvr/ITA			
67	561968	Flange Kit,Ext,Scout,Agilent M9018A			
68	562163	Slide Shelf Assy, 27 to 30 Inch Rack			

69	561654	Module,Blank,ITA,Carrierless			
70	561305	ITA, SCOUT, 21-Slot, No Carriers			
71	561497	Enclosure, ITA, 21-Slot, 6" Deep, Hinged			
72	561003X	Carrier, Receiver, 1 Slot, PXI			
73	561311	Module, Receiver, Signal, Discrete, 96 positions.			
74	PC 000 003 013 072	Patch Cord,0884013R-01,M22759/11-14-0,72 Inch			
75	PC 000 003 014 072	Patch Cord,0884013R-01,M22759/11-14-2,72 Inch			
76	PC 000 001 022 072	Patch Cord,0884012R-01,M22759/11-20-0,72 Inch			
77	PC 000 001 023 072	Patch Cord,0884012R-01,M22759/11-20-2,72 Inch			
78	561411	Module, ITA, Signal, Discrete, 96 positions			
79	PC 000 004 013 072	Patch Cord,0883013-02,M22759/11-14-0,72 Inch			
80	PC 000 004 014 072	Patch Cord,0883013-02,M22759/11-14-2,72 Inch			
81	PC 000 002 022 072	Patchcord, 0883012-02, M22759/11-20-0, 72 INCH			
82	PC 000 002 023 072	Patch Cord,0883012-02,M22759-11-20-2,72 Inch			
83	562179	Module,Receiver,10-100 Position,Crimp,1mm			
84	PC 000 005 004 072	Patch Cord,0884011-01,M22759/11-8-9,72 Inch			
85	PC 000 005 005 072	Patchcord, 0884011-01,M22759-1182,72 Inch			
86	PC 000 005 006 072	Patch Cord,0884011-01,M22759/11-8-0,72 Inch			
87	PC 000 151 024 072	Patch Cord,562150,M22759/11-20-9,72 Inch			
88	PC 000 151 025 072	Patchcord, 562150, M22759-11220, 72Inch			
89	PC 000 151 026 072	Patch Cord,562150,M22759/11-22-2,72 Inch			
90	562181	Module,ITA,10/100 Position,Crimp,1mm			

91	PC 000 006 004 072	Patch Cord,0883011-02,M22759/11-8-9,72 Inch			
92	PC 000 006 005 072	Patch Cord,0883011-02,M22759/1182,72 Inch			
93	PC 000 006 006 072	Patch Cord,0883011-02,M22759/11-8-0,72 Inch			
94	PC 000 150 024 072	Patchcord, 563700, M22759-11209, 72 inch			
95	PC 000 150 023 072	Patchcord, 563700, M22759-11202, 36 inch			
96	PC 000 150 025 072	Patch Cord,563700,M22759/11-22-0,72 Inch			
97	561308	Module, Receiver, High-Freq., 18 position			
98	PC 026 053 040 072	Patchcord, 7865100, RG316, 10559-01, 72 inch			
99	PC 000 001 024 072	Patch Cord,0884012R-01,M22759/11-20-9,72 Inch			
100	PC 001 050 022 072	Patch Cord,0884012R-01,M39N864,M22759/11-20-0,72 Inch			
101	PC 001 049 023 072	Patch Cord,0884012R-01,M39N863,M22759/11-20-2,72 Inch			
102	PC 000 114 055 072	Patch Cord,MPL7547,M17-176-00002,72 Inch			
103	561408	Module, ITA, Hi Freq., 18 positions			
104	PC 000 027 040 072	Patchcord, 7865200, RG316, 72 Inch			
105	PC 000 002 024 072	Patch Cord,0883012-02,M22759/11-20-9,72 Inch			
106	561314	Module, Receiver, Mini-Power, 24 Position			
107	PC 000 005 023 072	P-CORD, 20 AWG, RED, 0884011-01, 36 INCH			
108	PC 000 005 022 072	P-CORD, 20 AWG, BLACK, 0884011-01, 72 INCH			
109	561414	Module, ITA, Mini-Power, 24 Position			
110	PC 000 006 023 072	Patch Cord,0883011-02,M22759/11-20-9,72 Inch			
111	PC 000 006 022 072	Patch Cord,0883011-02,M22759/11-22-0,72 Inch			

112	561309	Module, Receiver, 9 positions, for 7865100-05 contacts			
113	7865100-05	Contact, Receiver, Coax H Freq, DC- 18GHz, 50Ohm, SMA			
114	561409	Module, ITA, 9 positions, for 7865200-05 contacts			
115	7865200-05	Contact, ITA, Coax H Freq, DC- 18GHz, 50Ohm, SMA			
116	M150-117F-670960	Patch Cord, HiFrequency117(F)-405SF-SMA(M), 96in			
117	561332	Module, Receiver, Micro-Coax, 59 Position			
118	PC 000 069 041 072	Patch Cord,561201,RG178,72 Inch			
119	PC 000 069 053 072	Patchcord, 561201, JOY 06, 75 OHM, 72Inch			
120	561432	Module, ITA, Coax, 59 Position			
121	PC 000 070 041 036	Patchcord, 562201 Micro Coax, RG178 36 inch			
122	PC 000 070 053 036	Patchcord, 562201 Micro Coax, JOY 06, 75Ohm, 72 inch			
123	561318	Module, Receiver, Triax, 6 Position			
124	PC 100 100 055 072	Patch Cord,7864100-01,M17/176-00002,7864100-01,18 Inch			
125	561418	Module, ITA, Triax, 6 Position			
126	PC 000 101 055 072	Patch Cord,7864200-01,M17/176-00002,72 Inch			
127	CUST100145	DAK, 8 slot, 8x 562180, for 8x M9195B			
128	PC 000 150 030 072	Patch Cord,563700,M22759/11-24-9,72 Inch			
129	561036X1	DAK, Flex, Ext, 562896, 200 Pin LFH Male, 1mm			
130	561896	Module, ITA, 200 pos, 1mm Contact, Discrete			
131	561707X1	DAK, Cable, Ext, 562897, X2 RJ45, 15 Pin D-Sub			
132	561073X1	DAK, Cable, Ext, 562897, 78 Pin D-Sub, Female			
133	561006	Protective Cover, Receiver, SCOUT, 21 Slot			
134	561007	Protective Cover, ITA, SCOUT, 21 Slot			

135	5511285	Strain Relief Plate, Receiver and ITA			
136	561211	Tooling, SCOUT, DAK Assembly			
137	412801	Extraction Tool, Signal Contact			
138	452200-MSP	Hand Crimp Tool, Spiral Crimp Frame, Miniature			
139	452207	Positioner, 1mm Male, 563700			
140	452208	Positioner, 1mm Female, 562150			
141	412808	Extract. Tool, Power & Coax Contact,ITA/Rec			
142	452300	Tooling, MATE Coax Crimp Tool			
143	452312	Tooling, Positioner, Mini-Coax contacts			
144	412714	Extraction Tool, HiFreq Coax Contact, Receiver/ITA			
145	412804	Extraction Tool, High Density Pin			
146	452400	Tooling, Crimp 0884013R-01 contact			
147	452401	Tooling, Positioner, Female Signal Contacts			
148	452200	Tooling, MATE Signal Pin Crimp			
149	452202	Tooling, Turret, Male Signal Contacts			
150	452500	Tooling, Crimp Frame, Female Signal Contacts			
151	452501	Tooling, Positioner, Female Signal Contacts			
152	412800	Extraction Tool, Micro Coax & Micro Power Contacts			
153	452315	Tooling, Hex Die Set, for CTI Micro-Coax contacts40-120001-0			
154	44A1121-24-0/9-9	Multicore Screened Cable			
155	3096122-M	MULTICORE / LOCTITE			
156	35594	Flux Remover Printed, Blue			
157	MF300	Solder Flux			
158	SPC00444A004 25M	Blue, 22 AWG			
159	SPC00444A001 25M	Red, 22 AWG			
160	SPC00444A002 25M	Black, 22 AWG			
161	SPC00444A005 25M	Green, 22 AWG			
162	MC001983	CABLE TIE			
163	MC002003	CABLE TIE			

164	RNF-3000-3/1-0	Heat Shrink			
165	RNF-3000-12 /4-2	Heat Shrink			
166	RNF-3000-6/2-X	Heat Shrink			
167	RNF-3000-6/2-0	Heat Shrink			
168	PET10BK50MR	Sleeving, Black			
169	HEGPA6603 BLACK	Sleeving, Black			
170	RNF-3000-12/4-X	Heat Shrink			
171	RNF-3000-3/1-X-2	Heat Shrink			
172	LR55S-HS-BK-Q1	CABLE TIE			
173	3M-200 TAPE	3M - 200 TAPE			
174	RNF 3000-12/4-0	Heat Shrink			
175	HEGPA6608 BLACK	Sleeving, Black			
176	HEGPA6614 BLACK	Sleeving, Black			
177	FIX-PCB-SAF	PCBs with various sets of resitors and misc components for ITA fixture verification and safety.			
178	FIX-MFRT-A	Misc. Fixture Manufacturing Items (Black /Transparent/Shrinkable Sleeves, Single/Multi Stain Multi Color Wires, Cable ties, Flux, Soldering Wire, Pin Male/Female connectors etc			
179	16ML470MEFC10X9	Electrolytic Capacitor, Miniature			
180	5963PK0001502	BARE PCB CUS			
181	5963PK0001533	BARE PCB CUS			
182	AVMP-3PB	1 IN, 3 OUT RGBHV VIDEO SPLITTER			
183	FEC148-535	SOCKET 36+36 PIN			
184	MK-244-021-243-2200	RECEPTICAL MOUNT (21 PIN)			
185	BJ72	RF / Coaxial Connector, Triaxial			
186	MS27656T15B35S	37 PIN SOCKET			
187	MS27467T15B35SN	37 PIN MATING CONNECTOR			
188	MS27467T15B35SA	37 PIN MATTING CONNECTOR SOCKET			
189	MS27656T15B35PA	37 PIN PLUG			
190	PL75-7	Mating Connector			
191	MF25 2K	Through Hole Resistor, 2 kohm			

192	MF12 75R	Through Hole Resistor, 75 ohm			
193	AD813ANZ	Video Amplifier, 3 Amplifiers			
194	MF25 1K	Through Hole Resistor, 1 kohm			
195	WCR1206-1K0FI	SMD, 1 kohm			
196	WCR1206-10KFI	SMD 10 kohm			
197	WCR1206-120RFI	RSMD, 120 ohm			
198	MMBT2222A	Bipolar (BJT) Single Transistor			
199	MAX485CSA+.	Transceiver RS422/RS485 Driver			
200	MAX203ECWP+G36	RS232 Transceiver RS232			
201	MCU1206R104KCT	SMD Multilayer Ceramic Capacitor			
202	MM-214-021-161-44W3	PLUG RUGED CABLE (21 PIN)			
203	JY27467T11B35SN	Socket			
204	JY27467T13B35SN	Plug			
205	JY27467T17B35SN	Plug			
206	JY27467T21B35SN	Connector			
207	JY27467T23B35SA	Socket conenctor			
208	JY27467T23B35SB	Socket connector			
209	HB-B22	Stain relief cover socket			
210	HB-B20	Stain relief cover socket			
211	HB-B16	Stain relief cover socket			
212	HB-B12	Stain relief cover socket			
213	HB-B10	Stain relief cover socket			
214	MS27473T22B35S	100 PIN FEMALE PLUG			
215	M85049/49-2-22W	Strain Relief cover			
216	2249-C-72	BNC Cable 50 Ohm			
217	JMS27656T15B35S	Socket			
218	JMS27656T17B26S	Socket			
219	JMS27656T9B98P	Socket			
220	DTC-TST-V1.0	BARE PCB			
221	4840.22	DC Power Connector, 2-pole			
222	MHCCOV-9MEL	D Sub Backshell, Diecast, Rapid Assembly, DE, 180°, Zinc Body			
223	828347-2	D Sub Connectors			

224	SDE9P	Plug			
225	SDE9S	Receptical			
226	5636A9	Toggle Switch, SPDT			
227	59-112	Pushbutton Switch, Off-(On)			
228	MC19021003	LED Panel Mount Indicator, Red			
229	MC19021001	LED Panel Mount Indicator, Green			
230	MAX232AEPE+.	Line Receiver RS232, 2-drivers			
231	LM7805CT	Linear Voltage Regulator			
232	YR1B1K0CC	Through hole, 1 kohm			
233	YR1B10KCC	Through hole, 10 kohm			
234	2N2222A	Bipolar (BJT) Single TransistoR			
235	MCFYU6104Z6	Ceramic Disc Capacitor			
236	825440-7	Board-To-Board Connector, Through Hole, 2 Rows			
237	FEC 968-9354	14 Contacts, Receptacle, Crimp, 2 Rows			
238	D38999/26KC35PN	22 Pin mating connector			
239	MAX485CPA+	CMOS Differential Bus Transceiver RS485/RS422			
240	595-1706-ND	TRANSFORMER 12V			
241	HB-F24	Back Shells			
242	JY27467T25F43SA	612 AXB connector			
243	JY27467T25F43SN	612 AXA connector			
244	HB-B18	613 AXB connector Back Shell			
245	HB-B24	613 AXA connector Back Shell			
246	JY27467T13F98SN	613 AXC connector			
247	JY27467T19F11SN	613 AXB connector			
248	JY27467T25F41SN	613 AXA connector			
249	JY27467T25F25SA	615 AXC connector			
250	JY27467T25F25SB	615 AXA connector			
251	JY27467T25F25SN	615 AXB connector			
252	53111220	Black Cable Gland			
253	NGM20S-BLK	Black Nylon, IP68 Cable Gland With Locknut			
254	EXCGM20S	IP68 Cable Gland			
255	DMA060MF	DB9 MALE- DB9 FEMALE			

256	TEI14949	BNC adopter			
257	1437561-0	switch spst			
258	558EP1601-2-00	RF Cable (TNC/TNC)			
259	558EP1602-1	RF Cable (BNC/BNC)			
260	2002344-V-01-00	RF Cable (BNC/SMA)			
261	SPC35340	DB9 cable			
262	NIV-SERIAL-CABLE-M	Serial Cable			
263	BNC/SMA	ADAPTER			
264	BNC T- Type	ADAPTER			
265	POWERPACK 3320p-3/3	20 KVA UPS (3 PHASE)			

<p>Signature (Splt Dte)</p> <p>Name..... Rank..... Appointment..... Date.....</p>	<p>Signature (Supplier)</p> <p>Company Name..... Date.....</p>	<p>Signatur e (Spl Dte)</p> <p>Name... Rank... Appoint ment... Date.....</p>
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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 DPP&I-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)