

Tender Covering Form

Directorate of Procurement (Navy)

Through Bahira Gate
Near SNIDS Centre,
Naval Residential Complex E-8
ISLAMABAD

Contact: Reception: 051-9262311
Bahria Gate: 0331-5540649
Section: 051-9262304

Email: dpn@paknavy.gov.pk
Adpn31pre@paknavy.gov.pk

P- 31/FOR Section (Contact: 0519267411, 05120062059, Email: adpn31pre@paknavy.gov.pk)

Tender No & Date _____

Tender Description _____

IT Opening Date _____

Firm Name _____

Postal Address _____

Email Address for Correspondence _____

Contact Person Name _____

Contact Number (Landline _____) (Mobile _____)

Documents to be Attached with Quotation

Firm is to submit its proposal in a sealed envelope which shall contain 03 x Sealed Envelops as per details given below:

<u>Sealed Envelop 1 – Technical Offer in Duplicate</u>			
This envelope must contain 02 x sets of Technical Offer (01 x Original + 01 x Copy). Each Set must contain following documents as per this order and Supplier is to mark tick ✓ against each to ensure that these documents have been attached:			
S No	Document	Original Set	Copy Set
1.	Bank Challan		
2.	Principal Authorization Letter (where applicable)		
3.	Principal Invoice (Muted – without Price) (where applicable)		
4.	DP -1 Form of IT (with compliance remarks)		
5.	DP – 2 Form of IT with compliance remarks against each clause of the Annex A)		
6.	Technical Offer / Specs		
7.	Annex A of IT (with compliance remarks)		
8.	Annex B & C of IT (with compliance remarks)		
9.	DP-3 form of IT (dully filled & signed)		
10.	DGDP Registration Letter (If firm is registered with DGDP)		
11.	Tax Filling Proof		
<u>Sealed Envelop 2 – Earnest Money</u>			
This Envelop must contain Earnest Money only.			
<u>Sealed Envelop 3 – Commercial Offer</u>			
This Envelop must contain following documents:			
1.	Firm's Commercial Offer	01 x Original	
2.	Principal Invoice (where applicable)	01 x Original	

3.	Dully filled DP-2 Form of IT	01 x Original
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Firm's Declaration

It is certified that we have submitted tender in compliance with above instructions and we understand that our offer is liable to rejection if tender is not prepared / packed as per above instructions.

Firm's Authorized Signatures _____

DIRECTORATE PROCUREMENT (NAVY)

Directorate of Procurement (Navy)
 Through Bahira Gate
 Near SNIDS Centre,
 Naval Residential Complex E-8
 ISLAMABAD

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 Bahria Gate: 0331-5540649
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 Email: dpn@paknavy.gov.pk
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M/s _____

Date _____

INVITATION TO TENDER AND GENERAL INSTRUCTIONS

Dear Sir / Madam,

1. DP (Navy) invites you to tender for the supply of stores/equipment/ services as per details given in attached Schedule to Tender (Form DP-2).

2. **Caution:** This tender and subsequent contract agreement awarded to the successful bidder is governed by the rules / conditions as laid down in PPR/ Rules-2004 and DPP&I-35 (Revised 2017) covering general terms & conditions of contracts laid down by MoDP / DGDP. As a potential bidder, it is incumbent upon you and your firm to first acquaint yourself with PPR/ Rules 2004 (www.ppra.org.pk) and DPP&I-35 (Revised 2017) (print copy may be obtained from DGDP Registration Cell on Phone No. 051-9270967 before participating in the tender. If your firm / company possesses requisite technical as well financial capability, you must be registered or willing to register with DGDP to qualify for award of contract, which shall be made after security clearance and provision of required registration documents mentioned in Para 15 of this DP-1.

Understood agreed Understood not agreed

3. **Conditions Governing Contracts.** The 'Contract' made as result of this I/T (Invitation to Tender) i.a.w PPR/ Rules 2004 shall 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 & Instructions and DP-35 (Revised 2017) and other special conditions that may be added to given contract for the supply of Defence Stores / Services specified herein.

Understood agreed Understood not agreed

4. **Delivery of Tender.** The tender documents covering technical and commercial offers are to be furnished as under:-

a. **Commercial Offer.** The commercial offer will be in **single copy** a indicate prices quoted in figures as well as in words in the current mentioned in IT. It should be clearly marked in fact on a separate sealed envelope “**Commercial Offer**”, tender number and date of opening. Taxes, duties, freight/transportation, insurance charges etc are to be indicated separately. Total price of the items quoted against the tender is to be clearly mentioned. In case of more than one option offered by the firm, DP(N) reserves the right to accept lowest technically accepted option if more than one options were accepted in Technical Scrutiny Report. Understood agreed Understood not agreed

b. **Technical Offer: (Where Applicable).** Should contain all relevant specifications in DUPLICATE (or as specified in IT) along with essential literature/brochure, drawings and compliance metrics in a separate sealed envelope and clearly marked “Technical Offer” without prices, with tender number and date of opening. Technical offer shall be opened first; half an hour after the date and time for receipt of tender mentioned in DP-2. Firms are to confirm/comply with IT technical specification in the following format: Understood agreed Understood not agreed

S.No	Technical requirement as per IT	Firm’s endorsement (Comply/ Partially Comply/ Non Comply)	Basis of C, PC of NC i.e. Refer to page or brochure	In case of non availability of enclosed proof from brochure/ Literature, quote/ attach additional documents/ data/undertaking as proof of compliance

(Legend: C = Fully Comply, PC = Partially Comply, NC = Not Comply)
 (Firms must clearly identify where their offer does not meet or deviates from IT Specs)

c. **Special Instructions.** Tender documents and its conditions must please be read point by point and understood properly before quoting. tender conditions should be responded clearly. In case of any deviation due to non-acceptance of tender conditions(s), the same should be highlighted alongwith your offered conditions. Tender may however be liable to be rejected. Understood agreed Understood not agreed

d. Firms shall submit their offers in two separate envelopes (**i.e. one copy** of commercial offer and **two copies** of the technical offers as asked in the IT) and envelopes clearly marked “Technical proposal”, “Commercial proposal” in bold. The commercial offer will include rates of items/services called for and the technical offer will not indicate the rates. Both types of offers are to be enclosed in separate covers and each envelope shall be properly sealed bearing of the bidder. Each cover shall indicate type of offer, number and date of IT and IT opening date. Thereafter both the envelopes (technical and commercial offer) shall be placed in one envelope (second cover) duly sealed and signed. This cover should bear the address of the

procurement agency indicating, issuance date of IT and No, with its opening date. This should be further placed in another cover (third cover), addressed and indicated in the tender documents, without any indication that there is a tender within it.

e. **FORM DP-1, DP-2, DP-3 and Questionnaires.** Form DP-1, DP-2 (alongwith annexes), DP-3 and Questionnaires duly filled in are to be submitted with the **technical** offer duly stamped/signed by the authorized signatory/ person. It is pertinent to mention that all these are essential requirement for participation in the tender.

f. The tender duly sealed will be addressed to the following:-

Directorate of Procurement (Navy)
Through Bahira Gate
Near SNIDS Centre,
Naval Residential Complex E-8
ISLAMABAD

Contact: Reception: 051-9262311
Bahria Gate: 0331-5540649
Section: 051-9262304

Email: dpn@paknavy.gov.pk
Adpn31pre@paknavy.gov.pk

5. **Date and Time For Receipt of Tender.** Tender must reach this office by the date and time specified in the Schedule to Tender (Form DP-2) attached. The 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. Only legitimate/registered representatives of firm will be allowed to attend tender opening. In case your firm has sent tender documents by registered post or courier service, you may confirm their receipt at DP (Navy) on Phone No 051-9271468 well before the opening date / time.

6. **Tender Opening.** Tenders will be opened as mentioned in the schedule tender. Commercial offers will be opened at later stage if Technical Offer is found acceptable on examination by technical authorities of Service HQ. Date and time of opening of Commercial offer shall be intimated later. Only legitimate / registered representative of firm will be allowed to attend tender opening. Tenders received after date & time specified in DP-2 would be rejected without exception and returned un-opened i.a.w Rule 28 of PPRA-2004.

7. **Validity of Offer.**

a. The validity period of quotations must be indicated and should invariably be 120 days from the date of opening of Technical offer or 30 June whichever is later. Firm undertakes to extend validity of offer if required by equal number of original bid period (i.e. 120 days as per original offer) i.a.w PPRA Rule-26.

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 ongoing contract rates with discount.

8. **Part Bid.** Firm 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/range of stores is taken from the firm. The Director Procurement reserves the right of accepting the whole or any part of the tender or portion of the quantity offered, and firm shall supply these at the rate quoted. Understood
agreed Understood
not agreed
9. **Quoting of Rates.** Only one rate will be quoted for entire quantity, irrespective of whether the rates are deliberately kept hidden or lumped together to try and win the contract as lowest bidder, DP(N) reserves the right to reject such offers on-spot besides confiscating firm's Earnest Money / Bid Security and take appropriate disciplinary action. Conversion rate of FE/LC components will be considered w.e.f. opening of commercial offer as per PPRA Rule-30(2). Understood
agreed Understood
not agreed
10. **Return of I/T.** ITs are to be handled as per following guidelines: Understood
agreed Understood
not agreed
- 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 consequently 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. For registered firm(s), case will be referred to DGDP for necessary administrative action if firms registered / indexed for tendered items/stores do not quote / participate.
- c. It is a standard practice to invite all firm(s) including those un-registered with DGDP who gave their preliminary budgetary/ technical proposals to end users / indentors. If your firm has been invited to participate in the tender, you must either participate in tender. In case of your inability to do so, you must inform DP (Navy) by a formal letter/email.
11. **Withdrawal of Offer.** Firms shall not withdraw their commercial offer before signing of the contract and within validity period of their offers. In case a firm withdraws its offer within validity period and before signing of the contract, Earnest Money of the firm shall be confiscated and disciplinary action may also be initiated for embargo up to 01 year. Understood
agreed Understood
not agreed
12. **Provision of Documents in case of Contract.** In case any firm wins a contract, it will deposit following documents before award of contract: Understood
agreed Understood
not agreed
- a. Proof of firm's financial capability.
- b. Foreign Seller has to provide its Registration Number issued by respective Department of Commerce authorizing export of subject stores.
- c. Principal/Agency Agreement.
- d. Registration with DGDP (Provisional Registration is mandatory)
13. **Treasury Challan.**
- a. Offers by registered firms must be accompanied with a Challan form of Rs.200/- (obtainable from State Bank of Pakistan/Government Treasury and debit 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. Attached Not
Attached

b. Firms, un-registered / un-indexed with DGDP (Registration Section) are) to participate in the tender by submitting Challan Form of Rs 300 in favour of CMA (DP).

14. **Earnest Money/Tender Bond:-** Please ensure Earnest Money is contained in a separate envelop (not inside Technical or commercial offer). Offer is liable to be rejected in case Earnest Money is packed inside commercial or Technical offer. Your tender must be accompanied by a **Call Deposit Receipt (CDR) in favor of CMA (DP)**, Rawalpindi for the following amounts:-

Attached

Not Attached

a. **Submitting improper Earnest Money.** Earnest Money/Bid Security furnished with tender is strictly in conformity of tender/IT conditions (Clause 14 of DP-1 and clause 10 of DP-2) on the subject. We have no objection on confiscation of Earnest Money/Bid security and rejection of our offer in case amount of Earnest Money/Bid Security is improper/insufficient in violation of IT condition.

b. **Rates for Contract.** The rate of earnest money and its maximum ceil for different categories OF FIRMS would be as under:-

(i) **Registered/Indexed/Pre-Qualified Firms.** 2% of the quoted value subject to maximum ceiling of Rs. 0.500 Million.

(ii) **Registered/Pre-Qualified but Un-indexed Firms.** 3% of the quoted value subject to maximum ceiling of Rs. 0.750 Million.

(iii) **Unregistered/not Pre-Qualified/Un-indexed Firms.** 5% of the quoted value subject to maximum ceiling of Rs. 1.000 Million.

c. **Return of Earnest Money**

(i) Earnest money to the unsuccessful bidders will be returned on finalization of the contract.

(ii) Earnest money of the firm/firms with whom contract is concluded will be returned on submission of Bank Guarantee and its acceptance by CMA (DP).

15. **Documents for provisional registration:** In case your firm wins contract on Earnest Money (EM) , it will deposit following documents to DGC (Registration Section) before the award of contract for provisional registration:-

Understood agreed

Understood Not agreed

S No	Local Supplier	Foreign Supplier
a.	Three filled copies of SVA-8121 of each member of management.	Three filled copies of SVA-8121-D of each member of management.
b.	Three filled copies of SVA-8121-A	Three filled copies of SVA-8121.
c.	Three photocopies of NIC for each member of management.	Three photocopy of Resident Card or equivalent identification Card for each member of management.
d.	Three PP size photographs for each member of management.	Three PP size Photographs for each member of management.
e.	Challan Form	Challan Form
f.	Bank Statement for last one year.	Financial standing/audit balance

		sheet
g.	Photocopy of NTN	Photocopy of passport
h.	Foreign Principal Agency Agreement in case of local agent.	Agency Agreement in case of Trading House/ Company/ Exporter /Stockiest etc.

16. **Inspection Authority.** CINS, Joint Inspection will be carried out by IN Consignee & Specialist User or a team nominated by Pakistan Navy. CINS inspection shall be as prescribed in DP-35 and PP & I (Revised 2017) or as per terms of the contract.

Understood
agreed

Understood
not agreed

17. **Condition of Stores.** Brand new stores will be accepted on Firm Warranty/Guarantee Form DPL-15 enclosed with contract.

Understood
agreed

Understood
not agreed

18. **Documents Required.** Following documents are required to be submitted along with the quote:

a. OEM/Authorized Dealer/Agent Certificate along with OEM Dealership Evidence.

b. The firm/supplier shall provide correct and valid e-mail and Fax No to CINS and DP(N). Supplier/contracting firm shall either provide OEM Conformance Certificate to CINS or is to be e-mailed to CINS under intimation to DP (Navy). Hard copy of COC must follow in any case through courier. On receipt, CINS shall approach the OEM for verification of Conformance Certificates issued by OEM. Companies/firms rendering false OEM Conforming Certificates will be blacklisted.

c. Original quotation/Principal/OEM proforma invoice.

d. In case of bulk proforma invoice, a certificate that prices indicated in the bulk proforma invoice have not been decreased since the date of bulk proforma invoice from the manufacturers/suppliers.

e. Submit breakup of cost of stores/services on the following lines:

(i) Imported material with break down item wise along-with import duties.

(ii) Variable business overheads like taxes and duties imposed by the federal/provincial government as applicable:-

(1) General Sales Tax

(2) Income Tax

(3) Custom Duty. PCT code along with photocopy of the related page is to be attached where applicable.

(4) Any other tax/duty.

(iii) Fixed overhead charges like labour, electricity etc.

(iv) Agent commission/profit, if any.

(v) Any other expenditure/cost/service/remuneration as asked for in the tender.

19. **Rejection of Stores/Services.** The stores/services offered as a result contract concluded against this tender may be rejected as follows:

Understood
agreed

Understood
agreed

a. 1st rejection on Govt. expense

b. 2nd rejection on supplier expense

c. 3rd rejection contract cancellation will be initiated.

20. **Security Deposit/Bank Guarantee .** To ensure timely and correct supply of stores the firm will furnish an unconditional Bank Guarantee (BG in the current in which contract is concluded) from a schedule Bank of Pakistan for an amount upto 10 % of the contract value (excluding Taxes, duties/freight handling charges) on a Judicial Stamp Paper (All pages) of the value of (Rs 100.00) as per prescribed format or in shape of CSD/Bank draft. The Bank Guarantee shall be endorsed in favour of CMA (DP) Rawalpindi who is the Accounts Officer specified in the contract. The CMA (DP) Rawalpindi has the like power of seeking encashment of the Bank Guarantee as if the same has been demanded by the purchaser himself. The Bank Guarantee shall be produced by the supplier within 30 days from the date of issue of the contract and remain valid for upto 60 days after completion of warranty period and remain in force till one year ahead of the delivery date given in the contract. If delivery period is extended, the supplier shall arrange the extension of Bank Guarantee within 30 days after the original delivery period to keep its validity always one year ahead of the extended delivery period. The BG form can be obtained from DP(N) on e-mail address given on page 1. Format of BG is enclosed at Annex B.

Understood
agreed

Understood
not agreed

21. **Integrity Pact.** There shall be “zero tolerance” against bribes, gifts, commission and inducement of any kind or their promises thereof by Supplier / Firm to any Government official / staff whether to solicit any undue benefit, favour or otherwise. Following provisions must be clearly read & understood for strict compliance:

Understood
agreed

Understood
not agreed

a. Integrity Pact shall be applicable to all tenders / contracts irrespective of their financial value. However, a written Integrity Pact shall be signed for contracts exceeding Rs 10 Million between the procuring agency and the supplier / contractor i.a.w Rule-7 of PPRA-2004. The form is available at www.ppra.org.pk or can be requested at dpnavy@paknavy.gov.pk

b. If a Supplier / Contractor is found involved in any unbusiness-like / unethical activity, same would be considered a serious breach of the Integrity Pact. DP (Navy) shall take severe disciplinary action against that person(s) and the firm / company, which may include, but not limited to, **PERMANENT BLACKLISTING** of firm / company through DGDP and legal action against the individual (s) involved as per Pakistan’s Code of Criminal Procedure.

c. It is strictly forbidden to socialize, call or meet any official / staff of DP (Navy) in private or during off hours. If any official / staff from Purchaser side asks for any undue favour or gratification directly or indirectly, the matter is to be immediately brought to the personal notice of Director Procurement (Navy) on Tel: 051-9271468 or through a personal meeting in office. Privacy of firms and their Reps sharing such information will be guaranteed without any prejudice to their normal business activities.

22. **Correspondence.** All correspondence will be addressed to the Purchaser i.e. DP (Navy). Correspondence with regard to payment or issue of delivery receipt may be addressed to CMA Rawalpindi & Consignee respectively with copy endorsed to the DP (Navy).

Understood
agreed

Understood
not agreed

23. **Pre-shipment Inspection.** PN may send a team of officers including DP member for the inspection of major equipments and machinery items at OEM premises as per terms of contract. If not already provided for and mentioned in the I.T, firm(s) must clarify the place, number of persons, duration and whether expenses on such visits would be borne by the Purchaser or Contractor. In case

Understood
agreed

Understood
not agreed

contractor is responsible for bearing such expenses, detailed breakdown of the same should be given separately in the commercial offer.

24. **Amendment to Contract.** Contract may be amended/modified to include fresh clause (s) modify the existing clauses with the mutual agreement by the supplier and the purchaser; such modification shall form an integral part of the contract. Understood agreed Understood not agreed

25. **Discrepancy.** The consignee will render a discrepancy report to the concerned within 60 days after receipt of stores for discrepancies found in the consignment. The quantities found short are to be made good by the supplier, free of cost. Understood agreed Understood not agreed

26. **Price Variation.**

a. Prices offered against this tender are to be firm and final.

b. Where the prices of the contracted stores/raw material are controlled by the government or an agency competent to do so on government behalf then price increase/decrease will be allowed at actual on case to case basis on production of government notification by the Supplier for the subject stores where the firms are contractually obliged and bound to produce the stores from raw materials supplied by government/State controlled departments in consultation with Military Finance. Understood agreed Understood not agreed

c. Except for calculation or typographical errors, the rates of the contracts not having a price variation clause PVC clause will not be increased subsequently. But when such an increase is considered desirable in the interest of expeditious supply of stores and is necessitated by the circumstances beyond the control of the Supplier, the case may be decided accordingly.

27. **Force Majeure.**

a. The supplier will not be held responsible for any delay occurring supply of equipment due to event of Force Majeure such as acts of God, War, Civil commotion, Strike, Lockouts, Act of Foreign Government and its agencies and disturbance directly affecting the supplier over which events or circumstances the supplier has no control. In such an event the supplier shall inform the purchaser within 15 days of the happening and within the same timeframe about the discontinuation of such circumstances/happening in writing. Non-availability of raw material for the manufacture of stores, or of export permit for the contracted stores from the country of its origin, shall not constitute Force Majeure. Understood agreed Understood not agreed

b. The Supplier shall provide the Purchaser with all the necessary proof of the occurrence of the events and its effect on the contract performance within 30 days from the start to force majeure event.

c. The Purchaser shall be entitled to conduct investigation into the cause of delay reported by the Supplier.

d. Where the delay was due to genuine force majeure event it shall extend the delivery for a period of equal to the period in which such force majeure remains operative.

e. Such extension in delivery period, due to force majeure, shall not entitle the Suppliers to claim any extra from the Purchaser.

28. **Arbitration.** Parties shall make their attempt to settle all disputes arising under this contract through friendly discussions in good faith. In the event that either party shall perceive such friendly discussion to be making insufficient progress towards settlement of dispute (s) at any time, then such party may be written notice to the other party refer the dispute (s) to final and binding arbitration as provided below:

Understood
agreed

Understood
not agreed

a. The dispute will be referred for adjudication to two arbitrators one to be nominated by each party, who before entering upon the reference shall appoint an umpire by mutual agreement, and if they do not agree a judge of the Superior court shall be requested to appoint the umpire. The arbitration proceedings shall be held in Pakistan and under Pakistani Law.

b. The venue of the arbitration shall be the place from which the contract is issued or such other places as the Purchaser at his discretion may determine.

c. The arbitration award shall be firm and final.

d. In course of arbitration the contract shall be continuously be executed except that part which is under arbitration

e. All proceedings under this clause shall be conducted in English language and in writing

29. **Court of Jurisdiction.** In case of any dispute only court of jurisdiction Rawalpindi, Pakistan shall have jurisdiction to decide the matter.

Understood
agreed

Understood
not agreed

30. **Liquidated Damages(LD).** Liquidated Damages upto 2% per month are liable to be imposed on the suppliers by the purchaser in accordance with DP-35, if the stores supplied after the expiry of the delivery date without any valid reasons. Total value of LD shall not exceed 10% of the contract value.

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Understood
not agreed

31. **Risk Purchase.** In the event of failure on the part of supplier to comply with the contractual obligations the contract will be cancelled at the Risk and Expense (RE) of the supplier in accordance with DP-35.

Understood
agreed

Understood
not agreed

32. **Compensation Breach of Contract.** If the contractor fails to supply the contracted stores or contract is cancelled either on RE or without RE contract become ineffective due to default of supplier / seller or stores / equipment declared defective and caused loss to the Government, contractor shall be liable to pay to the Government compensation for loss or inconvenience resulting from his default or from the rescission of his contract when such default or rescission take place such compensation will be in excess to the RE amount, if imposed by the competent authority. Compensation amount in terms of money will be decided by the purchase officer and will be deposited by contractor / seller in Government treasury in the currency of contract.

Understood
agreed

Understood
not agreed

33. **Gratuities/Commission/Gifts.** No commission, rebate, bonus, fee compensation in any form shall be paid to any local or foreign agent, consultant representative, sales promoter or any intermediary by the Manufacturer/Supplier except the agent commission payable as per the agent commission policy of the government and as amended from time to time and given in the contract. Any breach of such clause(s) of the contract by Manufacturer/Supplier and/or their sole nominated representative may result in cancellation of the contract blacklisting of the Manufacturer/Supplier financial penalties and all or any other punitive measure which the purchaser may consider appropriate.

Understood
agreed

Understood
not agreed

34. **Termination of Contract.**

a. If at any time during the currency of the contract the Purchaser decides to terminate the contract for any reason whatsoever (other than for reasons of Non-Delivery) he shall have right to do so by giving the Supplier a registered notice to that effect. In that event the Purchaser will accept delivery at the contract price and terms of such stores/goods/services which are in the actual process of manufacture that is completed and ready for delivery within thirty days after receipt by the Supplier of such notice.

Understood
agreed

Understood
not agreed

b. In the case of remainder of the undelivered stores/goods/services the Purchaser may elect either:

(i) To have any part thereof completed and take the delivery thereof at the contract price or.

(ii) To cancel the remaining quantity and pay to the Supplier for the articles or sub-components or raw materials purchased by the Supplier and are in the actual process of manufacture at the price to be determined by the Purchaser. In such a case materials in the process of manufacture shall be delivered by the Supplier to the Purchaser.

(iii) No payment shall however be made for any materials not yet in the actual process of manufacture on the date notice of cancellation is received.

c. Should the Supplier fail to deliver goods/services in time as per quality terms of contract or fail to render Bank Guarantee within the stipulated time period or any breach of the contract the Purchaser reserves the right to terminate/cancel the contract fully or any part thereof at the risk and expense (RE) of the Supplier.

35. **Rights Reserved.** Directorate of Procurement (Navy), Rawalpindi reserve full rights to accept or reject any or all offers including the lowest. Grounds for such rejections may be communicated to the bidder upon written request, but justification for grounds is not required as per PPRA Rule 33 (1).

Understood
agreed

Understood
not agreed

36. **Application of Official Secrets Act, 1923.** All the matters connected with this enquiry and subsequent actions arising there from come within the scope of the Official Secrets 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.

Understood
agreed

Understood
not agreed

Understood

Understood

37. **Acknowledgment.** Firms will send acknowledgement slips within 07 days from the date of downloading of IT from the PPRA Website i.e. WWW.PPRA.ORG.PK

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

- | | | |
|--|--------------------------|--------------------------|
| | Understood
agreed | Understood
not agreed |
| a. Received later than appointed/fixed date and time. | | |
| b. Offers are found conditional or incomplete in any respect. | | |
| c. There is any deviation from the General /Special/Technical Instructions contained in this tender. | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Forms DP-1, DP-2 (along with Annexes), and DP-3 duly signed, are NOT received with the technical offer. | | |
| d. Taxes and duties, freight/transportation and insurance charges NOT indicated separately as per required price breakdown mentioned at Para 17. | | |
| e. Treasury challan is NOT attached with the technical offer. | | |
| f. Multiple rates are quoted against one item. | | |
| g. Manufacturer's relevant brochures and technical details on major equipment assemblies are not attached in support of specifications. | | |
| j. Subject to restriction of export license. | | |
| k. Offers (commercial/technical) containing non-initialed/ unauthenticated amendments/corrections/overwriting. | | |
| l. If the validity of the agency agreement is expired. | | |
| m. The commercial offer against FOB/CIF/C&F tender is quoted in local currency and vice versa. | | |
| n. Principals invoice in duplicate clearly indicating whether prices quoted are inclusive or exclusive of the agent commission is not enclosed. | | |
| p. Earnest money is not provided. | | |
| q. Earnest Money is not provided with the technical offer (or as specified). | | |
| r. If validity of offer is not quoted as required in IT or made subject to confirmation later. | | |
| s. Offer made through Fax/E-mail/Cable/Telex. | | |
| t. If offer is found to be based on cartel action in connivance with other sources/ participants of the tender. | | |
| u. If OEM and principal name and complete address is not mentioned. | | |
| v. Original Principal Invoice is not attached with offer. | | |

39. **Appeals by Supplier/Firm.** Any aggrieved Supplier/Firm against the decision of DP (N) or CINS or any other problematic area towards the execution of the contract may prefer an Appeal to Standing Appeal Committee (SAC) comprising PN Officers and military finance rep at Naval headquarters, Islamabad. The detail and timeline for preferring appeals is given below:

S.No.	Category of Appeal	Limitation Period
a.	Appeals for liquidated damages	Within 30 days of decision
b.	Appeals for reinstatement of contracts	Within 30 days of decision
c.	Appeals for risk & expense amount	Within 30 days of decision
d.	Appeals for rejection of stores	Within 30 days of decision
e.	Appeals in all other Cases	Within 30 days of decision

40. **Limitation.** Any appeal received after the lapse of timelines given in paragraph 39 above shall not be entertained.

	Understood agreed	Understood not agreed
	<input type="checkbox"/>	<input type="checkbox"/>

Understood
agreed Understood
not agreed

41. **For Firms not Registered with DGDP.** Firms not registered with DGDP undertake to apply for registration with DGDP prior signing of Contract. Details can be found on DGDP website www.dgdp.gov.pk. These firms can participate in tender iaw paras 12 and 14 above and provision of documentary proof regarding financial status of the firm alongwith NTN and GST registration copies.

42. Firms which are not registered with DGDP should initiate provisor registration in accordance with Para 41. Besides, ground check by Field Secur (FS) Team will be made for security clearance related to participation in the tender after technical opening. Firms undertake to provide following documents for ground check by FS Team: Understood agreed Understood not agreed

- a. NTN
- b. Income Tax Return
- c. Sales Tax Return
- d. Sales Tax Certificate
- e. Chamber of Commerce Industry Certificate
- f. Professional Tax Certificate (Excise & Taxation)
- g. Office/Home/Ware House Property documents
- h. Utility Bills (Phone/Electricity)
- j. Firm Vehicle/Personal Vehicle
- k. CEO Visiting Card/NIC Copy, 03Xspecimen signature of CEO
- l. DGDP Registration letter
- m. Firm Bank Statement
- n. Non Black List Certificate
- p. 2 X Witness + CNIC and Mobile Numbers
- q. Police Verification
- r. Agency Agreement
- s. OEM Certificate
- t. ISO Certificate
- u. Stock List with value
- v. Company Profile/Broachers
- w. Employees List
- x. Firm Categories
- y. Sole Proprietor Certificate
- z. Partnership Deed
- aa. Pvt Limited
- ab. Memorandum of Articles
- ac. Form 29 and Form A
- ad. Incorporation Certificate

43. We solemnly undertake that all IT clauses marked as “Understood & Agre shall not be changed / withdrawn after tender opening. The IT provisions accept shall form the baseline for subsequent contract negotiations. Understood agreed Understood not agreed

44. The above terms and conditions are confirmed in total for acceptance.

45. Format of DPL-15 (warranty form) and PBG are enclosed as Annex A & B.

Sincerely yours,

(To be Signed by Officer Concerned)

Rank: _____

NAME: _____

DPL-15 (WARRANTY)

FIRM'S NAME: M/s _____

1. We hereby guarantee that the articles supplied under the terms of this contract are produced new in accordance with approved drawings/specification and in all respect in accordance with the terms of the contract, and the materials used whether or not of our manufacture are in accordance with the latest appropriate standard specifications, as also in accordance with the terms of complete of good workmanship throughout and that we shall replace FOR/DDP Karachi free of cost every article or part thereof use or in use shall be found defective or not within the limits and tolerance of specifications requirement or in any way not in accordance with the terms of the contract.
2. In case of our failure to replace the defective stores free of cost within a reasonable period, we shall refund the relevant cost FOR/DPP Karachi (As the case may be in currency in with received).
3. This warranty shall remain valid for **01 Year** after the acceptance of stores by the end user

The signature must be the same as that on the tender/contract, or if otherwise must be shown to be the signature of a person capable of giving a guarantee on behalf of the contractor



SIGNATURE _____

DATE _____

PLACE _____

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

- (i) Contract No. _____ dated _____
(ii) Name of Firm/Contractor _____
(iii) Address of Firm/Contractor _____
(iv) Name of Guarantor _____
(v) Address of Guarantor _____
(vi) Amount of Guarantee Rs. _____
(_____)

(in words)

- (vii) Date of expire of Guarantee _____

**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 Messer's _____

(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/FE (as
applicable) _____

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 and amount not exceeding the sum or Rs.
_____ Rupees or FE (as applicable)
_____ 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 from our Customer
i.e. M/s _____ or from your office. Claim, if any must
be duly received by us on or before this day. Our liability under this Bank
Guarantee shall cease on the closing of banking hours on the last date of the
validity of this Bank Guarantee. Claim received thereafter shall not be
entertained by whether you 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/clause 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/Seller or Vendor.

g. That this an unconditional Bank Guarantee, which shall be enchased on sight on presentation without any reference to our Customer/Seller or Vendor.

Guarantor

Dated: _____

(Bank Seal and Signatures)

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

Mr _____ Authorized signatory/
Partner/MD of M/s _____, do hereby solemnly affirm to DGP
(Army), DP (Navy), 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
do business with other Defence Establishment and Govt Agencies). I also accept
that any disciplinary action taken will not be challenged in any Court of Law.

Signature _____
Station: _____ Name : _____
Date: _____ Appointment in Firm _____

ATTESTED BY OATH COMMISSIONER WITH STAMP

INVITATION TO TENDER FORM

1. Schedule to Tender No. 2090006/B-2009/310016 dated 25-08-2020. This tender will be closed for Acceptance at 1030 Hours and will be opened at 1100 Hours on. 28-10-2021 Please drop tender in the Tender Box No 201.
2. You are requested to please use this Performa for price quotation, fill in the prices, affix your stamp on the same, sign it and forward it in original as your Commercial offer along with the covering letter of your firm. If you do not use this form as price quotations your offer might be rejected.
3. you are requested to please attach DP-1 and DP-3 alongwith your quotation duly signed & stamped. Same are available at www.ppra.org.pk.

S NO	DETAIL OF STORES	QTY	UNIT PRICE	TOTAL PRICE
1.	<p>02XHF TX/RX (1 KW) without speech secrecy equipment (SSE).</p> <p>02XHF Tx/Rx (500 W / 400 W) without SSE.</p> <p>04XHF Tx/ Rx (150 W) without SSE.</p> <p>08XVLF /MF/HF Rx.</p> <p>14x V/ UHF Secure Communication SDR Tx/Rx without SSE.</p> <p>Message Handing System, for 02 x Ships.</p> <p>Antenna for:</p> <p>Antennae for HF/V/ UHF alongwith necessary accessories i.e distributor filter e.t.c</p> <p>04 x Modem for Link for 02 x Ships</p> <p>Console and Equipment Rack</p> <p>Service for 02 x Ships</p> <p>External Communication Equipment To be installed on PN MILGEM Class ship under construction at Istanbul Naval shipyard (INSY) by M/s ASFAT A.S.</p> <p><u>Detailed:</u></p> <p><u>Functional / Non-functional Requirement and Technical Specification:</u></p> <p>As per Annex A.</p> <p><u>General Requirements/Instructions:</u></p> <p>As per Annex B.</p>	Asper Annex 'A'		

Terms & Conditions

		Understood agreed	Understood not agreed
1.	<u>Terms of Payment.</u> As per Annex B (Para – 4).	<input type="checkbox"/>	<input type="checkbox"/>
2.	<u>Origin of Stores.</u> Imported (Name & Country to be clearly mentioned).	Understood agreed	Understood not agreed
3.	<u>Origin of OEM.</u> Imported (Name & Country to be clearly mentioned).	<input type="checkbox"/>	<input type="checkbox"/>
4.	<u>Technical Scrutiny Report.</u> Required.	Understood agreed	Understood not agreed
5.	<u>Delivery Period.</u> 08 Months after signing of contract	<input type="checkbox"/>	<input type="checkbox"/>
6.	<u>Currency.</u> US \$	Understood agreed	Understood not agreed
7.	<u>Basis for acceptance.</u> CIF Basis	<input type="checkbox"/>	<input type="checkbox"/>
8.	<u>Bid validity.</u> The validity period of quotations must be indicated and should invariably be 120 days from the date of opening of technical offer or 30th June whichever is later. Firm undertakes to extend validity of offer if required by equal number of original bid period (i.e. 120 days as per original offer) i.a.w PPRA Rule-26.		
9.	<u>Tendering procedure</u> Single Stage- Two Envelope bidding procedure will be followed. PPRA Rule 36 refers.		
10.	<u>Earnest Money/Tender Bond:-</u> Your tender must be accompanied by a Pay Order/Demand draft/Call Deposit Receipt (CDR) in favor of CMA (DP) in separate envelope, Rawalpindi for the following amounts:-		
	a. <u>Submitting improper Earnest Money.</u> Earnest Money/Bid Security furnished with tender is strictly in conformity of tender/IT conditions (Clause 14 of DP-1 and clause 10 of DP-2) on the subject. We have no objection on confiscation of Earnest Money/Bid security and rejection of our offer in case amount of Earnest Money/Bid Security is improper/insufficient in violation of IT condition.		
	b. <u>Rates for Contract.</u> The rate of earnest money and its maximum ceil for different categories OF FIRMS would be as under:-		
	(i) <u>Registered/Indexed/Pre-Qualified Firms.</u> 2% of the quoted value subject to maximum ceiling of Rs. 0.500 Million.		
	(ii) <u>Registered/Pre-Qualified but Un-indexed Firms.</u> 3% of the quoted value subject to maximum ceiling of Rs. 0.750 Million.		
	(iii) <u>Unregistered/not Pre-Qualified/Un-indexed Firms.</u> 5% of the quoted value subject to maximum ceiling of Rs. 1.000 Million.		
	c. <u>Return of Earnest Money</u>		
	(i) Earnest money to the unsuccessful bidders will be returned on finalization of the contract.		

(ii) Earnest money of the firm/firms with whom contract is concluded will be returned on submission of Bank Guarantee and its acceptance by CMA (DP).

11. **Special Note.**

All Participating firms must submit technical offers in duplicate (one for TSR committee and one for DP (Navy) record).

b. Unregistered (Not registered with Directorate General Defense Purchase) firms must provide the documentary evidence of their financial capability to undertake the project.

c. Unregistered firms are to submit a certificate along with their Technical offer stating that the firm is not black listed by any government organization and not under disciplinary trial or embargo.

d. Only registered suppliers on Active Taxpayers List (ATL) of FBR are eligible to participate in the Tender and submit quote.

e. Release of payments is subject to mandatory submission of Filer Certificate duly issued by FBR showing the name of supplier on active Taxpayers List (ATL). No payment will be released by CMA (DP) unless latest Filer Certificate duly issued by FBR showing the name of supplier on its Active Taxpayers list is submitted alongwith payment documents.

f. In case of Pakistani firms, sales tax, NTN and income tax registration certificates are to be attached with the offer. These certificates are mandatory with the BID, otherwise offer shall be REJECTED.

g. Company registration certificates are to be attached with offer.

h. Requisite amount of earnest money (in shape of CDR/Demand Draft/Pay Order in the favour of CMA (DP)) is to be attached **in separate envelop in sealed condition with the Technical offer**. Photocopy of the same shall also be attached with DP-2 as a testimony. **Cheques/crossed cheques shall not be accepted. Technical offers received without earnest money shall not be accepted and will be rejected on spot.**

j. Duly completed Form DP-1 and DP-3 are to be attached with Technical Offer.

k. DP-2 Form shall also be submitted with Technical Offer without mentioning of prices. Moreover, compliance or otherwise against each para/requirement of Annex A & B duly signed & stamped by firm authorized rep is to provided for technical scrutiny.

l. Price preference is admissible to local manufacturers over foreign vendors as per PPRA Rule 24 and Govt of Pakistan (Ministry of Commerce) SRO 827 (I)/2001.

Note: In case of failure to comply above instructions, Terms and conditions, offer will liable for rejection.

ANNEX A TO
INDENT NO 2090006
DATED 25 Aug 2020

S No	TECHNICAL SPECIFICATION OF COMMUNICATION EQUIPMENT FOR 01 x MILGEM CLASS SHIP UNDER CONSTRUCTION AT INSY BY M/S ASFAT A.S. at ISTANBUL TURKEY	Firm's Reply (Complied Partially Complied/ Not Complied)	Reference to Attached Firm's Technical Brochures
Note:	<p>Guidelines for Firm for Submitting Technical Proposals for Technical Evaluation Firm is required to clearly mention Complied/ Partially Complied/ Not Complied remarks against each mentioning references in respective Clause from the attached firm's technical proposal/ brochures as per following format:</p> <p>Proposed System Weight: 2000 KG</p>	e.g. Complied	e.g. Refer Para 3 of firm/ OEM technical proposal/ brochures
1.	<p>PURPOSE/ USAGE External Communication Suite will provide naval platform with an effective means of communication over long distances. In marine environment, it is imperative that communication system ensures seamless connectivity in all-weather environment. HF & V/UHF transceivers alongwith other paraphernalia will be used to provide secure and robust HF & V/UHF voice/ data communication for Naval Ship.</p>		
2.	<p>FUNCTIONAL REQUIREMENTS</p> <p>a. An advance Radio Communication system, which complies with latest requirements of maritime communication and conforming to functional requirements of Pakistan Navy at least meeting below standards:</p> <p>(1) Radios are to have Automatic Radio Control (ARC) System function which is to include Auto Channel Selection (ACS), Automatic Link Establishment (ALE) and Automatic Link Maintenance (ALM).</p> <p>(2) Communication system should have provision for Emission Control (EMCON) for Emission Security.</p> <p>(3) Provision of TDMA functionality (alongwith software licenses) may be incorporated. Provision of Voice and Data communications facility be considered accordingly.</p> <p>(4) Option for multi-coupler and RF patch panels.</p>		



(5) Equipment should be modular in design, employing solid-state technology and Digital Signal Processing techniques.

(6) System should be shock proof compliant with MIL-STD-810H. It should also be ruggedized enough to meet shock, vibration and crash hazards.

(7) System should have Built-In-Test capability with PBIT (Power up BIT), CBIT (Continuous BIT) and IBIT (Initiated BIT).

(8) System should have log amplifiers, VSWR and Gain measurement alongwith Auto calibration facilities.

(9) For environmental characteristics, system should be compliant with MIL-STD-810H in which, it should withstand harmful effects of wind, rain, dust, storm and sand.

(10) For EMC, in addition to compliance with MIL-STD-461G, should be built to minimize conducted & radiated emissions and for minimal susceptibility to radiated & conducted EM sources. System be capable to withstand E2 pulse. OEM to certify any third party accessories added in the system are compliant to above standard.

(11) Equipment should be compliant to MIL-HDBK-454B or equivalent of European Safety Standards for safety.

(12) System should incorporate Automatic Link Establishment equipment (ALE with memory > 150 Channels) including associated software and accessories. Operation of equipment should be possible with or without ALE.

(13) System should have a rebroadcast capability (to act as a relay).

(14) Headsets provided with the system should be capable for provision of External Comms and Internal Comms (simultaneous or selectable) to operator via single headset.

(15) Offered equipment shall be capable to interface with existing PN communication network including voice, data, cipher machines and Message Handling System (MHS). New MHS (if offered) shall



	<p>be compatible/ capable of being integrated with existing PN MHS.</p> <p>(16) Equipment should have standard interfaces (RS- 232, RS 422 connectors etc and CLI, GUI, MDI, FBI, NLI) for integration/ interface.</p> <p>(17) System control and operations should be programmable and possible from local as well as remote positions.</p> <p>(18) System hardware should be equipped with Anti Condensation Heaters.</p> <p>(19) All PCBs in the entire system are to have IPC-CC-830 standard conformal coatings.</p> <p>(20) System should have high overall ARM (Availability, Reliability and Maintainability) criteria with at least following parameters:</p> <p style="padding-left: 40px;">(a) MTBF > 25,000 Hours</p> <p style="padding-left: 40px;">(b) MTTR < 30 Minutes</p> <p>(21) System is to have ISA-101.01 HMI (Human Machine Interface).</p> <p>(22) Equipment must be TEMPEST proof for Electronic Security.</p> <p>(23) Installation should be i.a.w MIL-HDBK 232A.</p> <p>(24) RF shielding be i.a.w MIL-HDBK-1195.</p> <p>(25) System should have an advance internal/ external modem to support next generation data link system (as per specs at Annex A).</p> <p>(26) System should have time synchronization EPM capability features i.e. frequency hopping (V/ UHF upto 5000 hops per second) Built in encryption, Communication security and Transmission security options.</p> <p>(27) V/UHF system should be capable to provide 3 to 5 Mbps.</p>		
3.	<p><u>NON-FUNCTIONAL REQUIREMENTS</u></p> <p>Non-functional requirements for system are mentioned</p>		



accounted towards Scope of Supply/ finances.

(13) Hardware and software should be supportable for at least 20 years from date of induction of equipment in PN.

(14) Software warranty for atleast 10 years.

(15) OEM shall provide backups of all system software including embedded software of programmable components.

(16) Software warranty for at least 5 years.

(17) Backup of CDs of all types of software (operating and embedded) along with step by step installation procedures.

(18) OEM shall agree to provide technical information and assistance to PN for integration of any system that PN chooses to integrate at later stage.

(19) OEM shall provide adequate inventory (at least 02 sets) of general/ special purpose test equipment/ tools to support I & D level maintenance.

(20) OEM shall agree to provide spares/ components as and when required to repair PCBs/ LRUs by PN repair agencies.

(21) OEM shall provide following documents:

(a) Operator/User manual delineating each designed functionality.

(b) Comprehensive I & D level maintenance manuals including fault diagnosis procedures upto component level.

(c) Illustrated Part Catalogue (IPC).

(d) Interface control documents including interface protocols/integration details (as per to Annex B).

(e) Detailed software manuals including step by step flow charts of software execution.

(f) Provision of spares/components tools and test equipment along with complete



	documentation.		
	(22) OEM is to provide requisite information as required by PN for evaluation of offered/ supplied radios/ system.		
4.	<p><u>ENVIRONMENTAL CONDITIONS</u></p> <p>System should conform to following environmental conditions:</p> <p>(1) Equipment should be suitable for exposure in an uncontrolled marine environment.</p> <p>(2) Parts not subjected to testing i.a.w relevant MIL/ IEC standards (such as COTS) may withstand 95% Relative Humidity.</p> <p>(3) Details of all COTS items be provided at least 01 month prior delivery of the equipment.</p> <p>(4) Operating temperature limits of the system:</p> <p>(a) Operating: -10 to +60 temperature degree Celsius</p> <p>(b) Storage: -15 to +75 temperature: degree Celsius</p> <p>(c) Relative Humidity: >95 %</p> <p>(d) Wind speed limitation: Capable to withstand upto 80 Kts of wind gusting upto 150 kts</p> <p>(e) Vibration and shock proof.</p> <p>(f) Dust, water, Salt and fog resistant.</p> <p>(g) Equipment should be fitted with anti condensation heaters.</p> <p>(h) Provision of protective covering for stowage.</p> <p>(5) Non-operating temperature range of the equipment: -40 to +80 degree Celsius.</p> <p>(6) To operate within performance limits in winds of more than 100 kts.</p>		

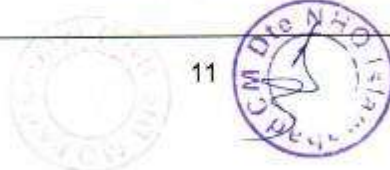


5. **TECHNICAL SPECIFICATIONS FOR HF SDRs**

a. Communication equipment is to conform to following technical specifications:

b. **GENERAL**

Frequency Generation	True digital synthesis
Frequency Selection	<ul style="list-style-type: none"> • Should be from keyboard and knob • Provision for pre-selection of Safety and Distress frequency • >800 programmable channels for Tx frequency • Should have an auto tuning panel
Frequency Presentation	3x5 inch or larger Touch Screen LCD for presentation of various information and transmitted frequency details.
Scan Rate	> 8 channels/ Sec
Frequency Hopping	> 30 user programmable hop plans
Frequency Stability	± 0.3 ppm Aging factor: less than 1 ppm/year
Operating Modes	<ul style="list-style-type: none"> • Voice (AM, AME) • CW • SSB • USB/LSB/Selection • ISB • Data transmission through FSK/ AFSK/ PSK/ BPSK/ QPSK • Double sideband full carrier (A3E) Data link/ file transfer (E-Mail, Data text, Video/ Graphic) • Telephone PC /dial up fax. • Telephone Dialing (with provision to Patch up with a Telephone exchange).



c. **TRANSMITTER**

Frequency Range	1.5 – 30 MHz
Output Power	<ul style="list-style-type: none"> • Of the order of 150W capability • Of the order of 500W capability • Of the order of 1 KW capability (with modular amplifier optional)
Power Selection	Each transmitter to have at least 5 power selection steps (equally distributed) or more, selectable through knob or keyboard/ buttons.
Frequency Selection	100 Hz step or better
Inter-modulation	> 30 dB
S/N Ratio	Better than 160 dB
Duty Cycle	100% voice and data
Spurious Suppression	Better than 80 dB PEP
Suppression of unwanted Sideband	Greater than 70 dB
Carrier Suppression	>65 dB
Other Facilities	<p>The Transmitters should be capable of following:</p> <ul style="list-style-type: none"> • Based on Digital Signal Processing technology • Real time clock, non binding with GPS/ satellite • Remote Selection • User-programmable Sleep Timer • Continuously operating Power and Protecting Monitor • Dummy load

d. **RECEIVER**

Frequency Range	3 KHz to 30 MHz
-----------------	-----------------



Frequency Resolution	Better than 50 Hz with search and fine tune facility
Tunning Time	For new Frequency <ul style="list-style-type: none"> - Via Tuner Algorithm - Less than 10 Seconds For previously tuned Freq <ul style="list-style-type: none"> • ≤ 100 msec
Dynamic Range	> 140 dbm
Power Resolution	Better than 50 Hz with search and fine tune Facility
Input Impedance	50 Ohm
Sensitivity	Better than following: <ul style="list-style-type: none"> • SSB: -113dbm • AM 1.0 μV • CW: 0.25 μV
Intermediation products	Less than 40 dB
Image frequency Rejection	Better than 90dB
IF Rejection	Better than 90 dB

e. **ANTENNAE AND ANTENNA TUNING UNIT**

(1) Antenna Tuning Unit should be ruggedized, heavy duty, shock/ water/ fog and weather proof.

(2) Antenna Tuning Unit should be microprocessor controlled.

(3) ATU should be able to transmit and receive complete set of frequencies of all above mentioned Transmission modes with designated power.

(4) Equipment should be supplied with active and passive antennae alongwith necessary cabling and interfaces. System should be able to receive all designed frequencies.

(5) Antennae and ATUs should conform to following:

Frequency Range	1.6 KHz to 30 MHz
Antenna	Preferably Whip antenna
Antenna Tuning	<ul style="list-style-type: none"> • Fully automatic (with no presetting) • Manual (operator controlled)
Tuning Speed	Less than 1 Sec
Input Impedance	Nominal 50 Ohm



Power Handling capability	<ul style="list-style-type: none"> • 150 W \pm 25% • 500 W \pm 25% • 1 KW \pm 25%
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6. **TECHNICAL SPECIFICATIONS FOR V/UHF SDRs**

a. **GENERAL**

Frequency Generation	True digital synthesis
Frequency Selection	<ul style="list-style-type: none"> • Should be from keyboard and knob • Provision for pre-selection of Safety and Distress frequency • >500 programmable channels for user (Tx frequency) • Should have an auto tuning panel
Frequency Presentation	3x5 inch or larger Touch Screen LCD for presentation of various information and transmitted frequency details.

b. **Technical Specifications**

Frequency Range	30 - 512 MHz
Impedance	50 Ohm
Channel Spacing	25 KHz
Frequency Resolution	At least 1 Hz
Sensitivity	10dBSINAD@-108dBm for analog FM. -118 dBm for digital FM
Dynamic range	> 145 dBm
Noise figure	Less than 14 dB
IF Rejection	Better than 110 dB
Spurious Rejection	Better than 80 dB
Out Power	20 – 200 W (with atleast 5 equally distributed steps, user Selectable via Keyboard and knob)

Modes

- AM
- FM Voice
- TTY

c. **ANTENNA SYSTEM (V/UHF Transceiver)** Antenna system should be capable of following:

- (1) Co-location with onboard transmitter/ receiver of radar, jammer and communication equipment for minimal or interference free operation.
- (2) Operation through multi-coupler to enable operation of multiple sets using one or more antennas adaptively.
- (3) Interfacing with an existing multi-coupler system.
- (4) VSWR less than 1:1.5 averages.
- (5) Antenna tuning time: Less than 200 ms.
- (6) Omni – directional
- (7) Nominal 50 Ohm impedance.
- (8) 200W± 25% power handling capacity.
- (9) Corrosion and rust proof in 99 % humidity and extreme environments (e.g. tropical storms, hurricanes etc).

d. **Message Handling System (MHS)** It should be able to be configured with onboard HF, V/ UHF and Satellite media. Backward compatibility with existing PN held MHS and radios is to be ensured. In addition following functions are also required to be performed by MHS:

- (a) Instant Message/ Chat Mode
- (b) E-mailing Facility
- (c) Facsimile
- (d) Voice message
- (e) File transfer
- (f) Burst mode transmission
- (g) Broadcast Mode

e. **POWER SUPPLY REQUIREMENTS** Equipment should be operable on following power supplies:

- a. 150-240V, Single/ Three phase, 50/60 Hz.



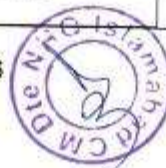
b. Emergency power supply (24 Volt DC).

c. Online UPS with the system.

f. **CONFORMANCE TO MILITARY STANDARDS**

1. Equipment should be able to comply following. (PURCHASER may ask for validity of complied/ fulfilled standards):

Requirements	Relevant Standards
Electromagnetic Emission & Susceptibility Compliance	MIL-STD-461G MIL-STD-464G MIL-STD-469
Interoperability and performance	MIL-STD-194 MIL-STD-188/184
Conducting shipboard EMI survey	MIL STD 1605 A (SH)
Military specific environmental effects	MIL STD 810H
Humidity	MIL STD 810H
Vibration	MIL STD 167-1A MIL STD 167-2
Mechanical shock mounts/ Shock Proof	MIL-STD-901 MIL-STD-810H
Electrical Requirement	MIL-STD-1399
Cooling Requirements	MIL-STD-1399
Shipboard bonding, grounding and other techniques for EMC/ safety	MIL STD 1310 HDBK 454A
Requirements for equipment enclosures	MIL STD 108 MIL-E-24762 MIL-E2036
HF waveform	STANAG 4285,4529, 4538, 5066, 4444
Data ALE 2G ALE 3G	MIL STD 188-110B MIL STD 188-141B STANAG 4538
V/UHF Waveforms	STANAG 4204, 4205
Test procedures EPM mode	NATO STANAG 4444
TEMPEST Proof	NATO SDIP-27 Level A US NSTISSAM Level-I
Automatic Link Establishment (ALE)	STANAG 4538



	<p>2. A test/ compliance report be furnished to confirm that equipment meets above listed standards.</p> <p>3. Complete communication suit is required to be TEMPEST/ EMP proof.</p> <p>4. Provision to optimize SDR radios waveform as per PN requirements.</p> <p>5. HF transmitters should have Man aloft Key provision.</p>																																
7.	<p><u>ORIGIN OF SUPPLY AND ACCEPTABLE MAKES</u></p> <p>(a) Origin of supply is preferably imported and subject to provision of specified OEM Country of Origin.</p> <p>(b) OEM has to certify that provided equipment is its own products and is not of any third party equipment.</p> <p>(c) Items from other vendors be clearly mentioned/ marked.</p>																																
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	<p>2. Other technical specifications may include following but not limited to:</p> <ul style="list-style-type: none"> a. 1U Rack mount. b. 10x Gigabit Ethernet port. More than 7 x 10/100/1000 Ethernet ports c. SFP. d. USB 3.0 interface / ports. e. LCD with HMI. f. PoE. g. 2 x 1.4GHz CPU or better with 1-2 GB RAM. h. Router OS. i. Tested ambient temperature: -20° C to 70° C. j. Serial port and RJ45. k. PCB temperature and voltage monitors. l. Mil Specs / industrial grade compliance. m. EMI / EMC complaint. 			
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S No	<u>GENERAL TERMS AND CONDITIONS</u>	Firm's Reply (Complied Partially Complied/ Not Complied)	Reference to Attached Firm's Technical Brochures
1.	PROOF OF CONCEPT (POC) SUPPLIER must demonstrate his equipment to PURCHASER to successfully operate its equipment w.r.t integration with existing equipment onboard nominated platforms and shore units. Certificate to this must be provided with the Technical Proposal to Procuring agency. The SUPPLIER MUST provide a certificate alongwith the technical proposal that POC has been undertaken in compliance to tender mandatory requirement for this particular requirement. Failure to submit this certificate alongwith technical proposal shall constitute the grounds for technical rejection of submitted proposal.		
2.	CONTRACT EFFECTIVE DATE Contract Effective Date (T _c) will be when contract has been signed by both parties.		
3.	DELIVERY SCHEDULE a. Stores are to be delivered within Eight (08) months of Contract Effective Date (CED). b. Shipment will be made by SUPPLIER on CIF Istanbul basis as per INCOTERMS 2010.		
4.	PAYMENT TERMS/ PAYMENT MILESTONES Following payment terms are applicable. Moreover, in case of NIL requirement of installation, Commissioning, Trials and Training etc, payment terms will be rephrased accordingly: a. As per DPP&I-35 (Revised 2019) or as decided by DP (N). b. 50% payment on completion of following: (1) Delivery of stores at PURCHASER's nominated site at Istanbul. (2) Joint Inspection. (3) Provision of relevant Documents. c. 20% payment on successful completion of		



	<p>installation/ integration/ interfacing/ STW/ commissioning of equipment at PURCHASER site complying all specifications/ acceptance criteria and issuance of acceptance certificate by PURCHASER.</p> <p>d. 20% payment on completion of following:</p> <p>(1) Satisfactory conduct of operator and maintainer training of PURCHASER team.</p> <p>(2) Issuance of CRV by Consignee.</p> <p>e. 10% payment on successful completion of Warranty Period.</p>		
5.	<p>PERFORMANCE BANK GUARANTEE SUPPLIER will furnish an irrevocable and un conditional BG within 30 days of Contract Effective Date from a schedule Pakistani Bank for an amount equal to 10% of the total value of the contract and in same currency as that of the contract (on judicial stamp paper) of appropriate value as per prescribed format. It shall remain valid till 60 days beyond the completion of the Warranty period.</p>		
6.	<p>LIQUIDATED DAMAGES (LD) Liquidated Damages upto 2% of the stores' value (but not less than 1%) per month or a part of month are liable to be imposed on the SUPPLIER by the PURCHASER in accordance with DPP&I-35 (Revised 2019), if the stores/ services supplied after the expiry of the delivery date without any valid reasons. Total LD should not exceed 10% of total value excluding taxes, freight, KPT, insurance charges of stores delivered late.</p>		
7.	<p>ACCEPTANCE CRITERIA</p> <p>a. SUPPLIER is to provide Factory Acceptance Trials (FATs), Set-to-Work (STW) and Sea Acceptance Trials (SATs) procedures (in English) Three (03) months in advance before delivery of equipment by SUPPLIER for study and vetting by PURCHASER. Final acceptance procedures will be made by PURCHASER, taking into consideration the trial procedures recommended by the SUPPLIER, system specifications provided by the SUPPLIER and PN's experience in operating/ maintaining own Communication equipment inventory.</p> <p>b. SUPPLIER will carry out Factory Acceptance Trials (FATs) at its premises with PN participation and provide conformance certificate to PURCHASER. 03 x PN officers will witness the FATs at SUPPLIER's expense. Performance of the equipment will be further evaluated through HATs/ SATs. STW will remain the responsibility of SUPPLIER.</p>		



	<p>c. SUPPLIER shall make inspection under the same conditions as laid down in Acceptance criteria/ User requirement defined by PURCHASER.</p> <p>d. After FATs of supplied equipment, SUPPLIER will carryout STW/ HATs/ SATs onboard ship in Turkey, in the presence of PURCHASER reps to prove that entire Communication Suite is performing as per the criteria prepared.</p> <p>e. EM interference (EMI/EMC) to or from onboard or nearby equipment/ sensors is to be validated during SATs.</p> <p>f. Final acceptance certificate will be signed by PURCHASER only after successful completion of all acceptance trials and 100% operational performance proven by the SUPPLIER to the entire satisfaction of PURCHASER as per agreed capabilities.</p> <p>g. Damage to material/ items supplied due to inadequate packing/ marking/ handling will be made good by the SUPPLIER.</p> <p>h. Provision of technical info/ ICDs/ documentation/ administrative rights (as per Annex B) to PN for integration of the equipment with other PN system independent of OEM/ without OEM assistance at later stages.</p> <p>i. For COTS hardware, requisite documentation and maintenance support is to be provided by the SUPPLIER.</p> <p>j. Backup of all software programmes (CD/ DVD-ROM) including operating software / firmware (licensed version) alongwith requisite procedures to support the system should be provided by SUPPLIER.</p>		
8.	<p><u>REJECTION CRITERIA</u></p> <p>Equipment shall not be acceptable in case of following:</p> <ol style="list-style-type: none"> (1) Equipment specifications are not as per Annex A or not accepted by PURCHASER. (2) Spares/ Consumables required for maintenance/ operation of the system for 02 x years is not provided to PURCHASER on FOC basis. (3) Documentation is not provided as per to Annex B. (4) Training is not conducted as per clause 9 of Annex B. (5) Trials not commensurate to clause 27 of Annex B. 		



(6) Certification Requirements are not met as per clause 30 of Annex B.

(7) Confirmation of performance and functions is not same as given in contract and relevant documentation/ manuals.

(8) SUPPLIER has not provided acceptance criteria in accordance with SUPPLIER's approved procedures and evaluation/ recommendation by PURCHASER.

(9) Unsuccessful completion of installation/ integration/ interfacing/ HATS/ SATS of equipment.

(10) Proof of Concept/ trials observations given by PURCHASER are not addressed by the SUPPLIER within 45 days of intimation by PURCHASER.

9. **TRAINING**

a. Following training is to be conducted by SUPPLIER at his own expense:

S No	TYPE OF COURSE
(1)	05 x days Operator Course for 15 Personnel in Turkey.
(2)	02 x weeks Maintainer Course upto onsite maintenance level including software/ computer based training with respect to interfacing with other systems for 10 Personnel in OEM premises.
(3)	05 x days Maintainer Course for enabling them to carry out routine maintenance of the equipment for 10 Personnel in OEM premises.

b. The maintainer Course should include maintenance training of modules having programmable devices with Workshop/ Depot level training to undertake level 3 & 4 maintenance. All requirements for training shall be as applicable in the parent Navy. The duration of the courses should be such that the trainees are able to attain the following standards.

(1) On completion of operator training, the trainees should be able to use the system to its optimum capabilities and performance in dense EM environment and harsh weather/ environment conditions.

(2) On completion of training, maintainers should be able to diagnose the faults (both hardware and software related activities) and carry out



	<p>maintenance upto PCBs/ modules/ LRU level.</p> <p>(3) On completion of course, maintainers should be able to carry out all routine maintenance of the equipment.</p> <p>(4) SUPPLIER is to provide complete details of syllabi for categories of training stated in para 9a to the PURCHASER within 60 days after contract finalization for vetting and acceptance by PURCHASER.</p> <p>(5) SUPPLIER will provide all training material including course notes/handouts and practical on job training.</p>		
10.	DOCUMENTATION. SUPPLIER shall provide 05 (FIVE) sets of original documents (in English) as per details given in Annex B.		
11.	CONTINUOUS LOGISTIC SUPPORT. <p>a. SUPPLIER should provide guarantee to supply necessary spares for next 30 years from the date of signing the contract. A certificate to this effect should be provided by the SUPPLIER prior to acceptance of the system.</p> <p>b. In case of discontinuation of production of any component/ part as result of obsolescence or development of upgraded version, the SUPPLIER should inform the PURCHASER at least one (01) year in advance. The SUPPLIER shall ensure the provision of such components/ parts as demanded by the PURCHASER prior discontinuation of the production and shall provide alternate for such components/parts in case the original is not available. The SUPPLIER shall ensure the spare supportability during warranty period in terms of DPL-15 and after warranty in terms of clause 28 of the Annex B. For efficient spare supportability the SUPPLIER shall provide the spares from its stock</p>		
12.	SPARES. <p>a. SUPPLIER will provide onboard spares to keep system functional at its optimum performance for an operational period of two (02) years and list of Depot level spares required for Ten (10) years along with following information for each item and the same is also to be made part of the contract:</p> <ol style="list-style-type: none"> (1) Part Number. (2) NATO Stock Number. (3) Description/Nomenclature. (4) Denomination. (5) Shelf Life. (6) OEM. (7) Main Equipment. (8) Price. 		



	<p>(9) Quantity Required.</p> <p>(10) Special storage requirement.</p> <p>b. Composition of spares package provided as part of Scope of Supply should include atleast Five (05) of each type of major PCBs.</p> <p>c. SUPPLIER is to provide as part of Scope of Supply, a price catalogue of all spares required for the system to provide PURCHASER a datum for ascertaining/ planning future stock requirements. Spares for the system and associated equipment be guaranteed for at least 20 years after commissioning of the system. Further, SUPPLIER should render Logistic Support Certificate which guarantees through life supportability of spares.</p>		
13.	<p><u>PACKING AND MARKING.</u></p> <p>a. Standard Export packing worthy for transportation by Air and Sea ensure their undamaged arrival at ultimate destination. Each consignment/ Packages is to contain a "Packing Note" detailing the contents of the consignment/ package.</p> <p>b. The packages are to be marked as under:</p> <p>(1) FRONT SIDE: Name & Address of PURCHASER</p> <p>(2) OTHER SIDE: Contract No Dated</p> <p>(3) TOP: Gross Weight</p> <p>(4) Dimensions: A yellow disc 4" or 6" in diameter according to the size of packing.</p> <p>c. For fragile stores word "FRAGILE" is to be marked in bold letters on all sides of the consignment/ package.</p> <p>d. Any loss or demurrage occurring due to wrong marking or packing will be borne by the SUPPLIER.</p> <p>e. All stores will be marked with a broad arrow pointing upward, by stamping, painting or tallying. Each individual item of stores must bear the Part No to facilitate identification.</p>		
14.	<p><u>ARBITRATION.</u></p> <p>Parties shall make their attempt to settle all disputes arising under this contract through friendly discussions in good faith. In the event that either party shall perceive such friendly discussion to be</p>		



making insufficient progress towards settlement of dispute at any time, then such party may by written notice to the other party refer the dispute(s) to final and binding arbitration as provided below:

a. The dispute shall be referred for adjudication to two arbitrators one to be nominated by each party, who before entering upon the reference shall appoint an umpire by mutual agreement, and if they do not agree a judge of the superior court shall be requested to appoint the umpire. The arbitration proceedings shall be held in Singapore and under UK Laws.

b. The arbitration award shall be firm and final and binding on both the parties to the contract.

c. In course of arbitration the contract shall be continuously be executed except that part which is under arbitration.

d. All proceedings under this clause shall be conducted in English language and in writing.

15. **AGENT COMMISSION DECLARATION CERTIFICATION/ INTEGRITY PACT.**

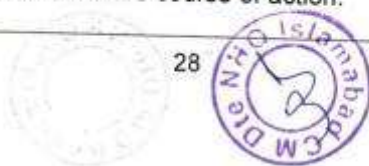
a. The SUPPLIER hereby declares its intention not to obtain or induce the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Government of Pakistan) through any corrupt business practice.

b. Without limiting the generality of the foregoing, the SUPPLIER represents and warrant that it has fully declared the brokerage, commission, fees etc, paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly thorough any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever from the Government of Pakistan, except that which has been expressly declared pursuant hereto.

c. SUPPLIER certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Government of Pakistan and has not taken any action or will not take any action to



	<p>circumvent the above declaration, representation or warranty.</p> <p>d. SUPPLIER accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall without prejudice to any other rights and remedies available to Government of Pakistan under any law, contract or other instrument, be avoidable at the option of Government of Pakistan.</p>		
16.	<p><u>FORCE MAJEURE</u></p> <p>a. If one of the parties is unable to perform its obligations under this contract because of intervention of Force Majeure, shall include blockade, Government Mobilization, Civil Commotion, War Riots Rebellion Expropriation and confiscation of facilities, Sabotage, Lockouts, Acts of God, Terrorism, Plague or other epidemics, quarantines, freight embargoes, major fire, Bankruptcy of OEMs/ material SUPPLIERS specified in the contract and disturbances directly affecting the supplies or any other catastrophe specifically or wholly beyond the control of that party (in case of the contract) provided that such Force Majeure conditions relevant directly affect the work or deliveries under this contract.</p> <p>b. If one of the parties has been delayed by Force Majeure conditions then additional period to the extent of such delay shall be allowed to that party for completion of his obligation so affected. Provided that all contractual activities fit in the extended period allowed, shall be executed within the contract price.</p> <p>c. In case of Force Majeure, parties shall, every 02 (TWO) months, decide on Force Majeure claims presented in the preceding 02 (TWO) months.</p> <p>d. Party initiating the force majeure shall as soon as reasonably possible and within 14 (fourteen) days notify the other party in writing of any occurrence of Force Majeure event.</p> <p>e. The party initiating the Force Majeure shall provide the other party with proof of the occurrence of any of the aforementioned Force Majeure event and of its effect on the construction, auditing and delivery of the supplies or any of its obligations towards contract.</p> <p>f. If Force Majeure exists for more than 03 (THREE) continuous months, or exceeding total of 06 (SIX) months then both parties shall mutually decide future course of action.</p>		



17.	<p>CHECKING OF STORES AT CONSIGNEE'S END. Packing of all stores will be checked visually at consignee's end in the presence of SUPPLIER's representative within fifteen (15) days after arrival of the stores at the consignee's premises. The consignee will inform the SUPPLIER in due time about the aircraft/ vessel's date of arrival. 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 PURCHASER prior to shipment of stores. In such an event, the SUPPLIER will clearly undertake that the decision of consignee with regard to quantities and description found will be accordingly made up by SUPPLIER. In all other cases the consignee shall inform the SUPPLIER immediately on receipt of stores through registered mail or fax. If no response from the SUPPLIER is received within thirty (30) days from receipt of stores, 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.</p>		
18.	<p>ADDITIONAL PURCHASE. SUPPLIER is to agree that in case PURCHASER wishes to buy additional quantity/number of stores within next 24 months after the completion date of the contract, the SUPPLIER shall provide equipment at same or lower cost if depreciation rate is announced by Government of SUPPLIER's country.</p>		
19.	<p>PRICE VARIATION. Prices in the schedule of stores of this contract are firm and final. The stores must be brand new manufactured.</p>		
20.	<p>OBSOLESCENCE. Following obsolescence clauses will also be included in the contract as part of continuous logistic support:</p> <p>a. The SUPPLIER should provide guarantee to supply the necessary spares for next Thirty (30) years from CED. A certificate to this effect should be provided by the SUPPLIER prior to acceptance of the system.</p> <p>b. In case of manufactured equipment becoming obsolete and is not manufactured anymore, and no replacement is offered, by SUPPLIER after Twenty (20) years, whereas user still wishes to continue using the same equipment, in such case SUPPLIER would provide Technical drawings at Free Of Cost for essential items manufactured which would facilitate user to arrange its development through user's in-country resources. Apart from provision of technical drawing, SUPPLIER would not be responsible for such in-country development by user.</p> <p>c. In case of discontinuation of production of any component/ part as result of obsolescence or development of upgraded version, the SUPPLIER should inform the PURCHASER at least one (01) year in advance. The</p>		



	<p>SUPPLIER shall ensure the provision of such components/ parts as demanded by the PURCHASER prior discontinuation of the production and shall provide alternate for such components/ parts in case the original is not available. The SUPPLIER shall ensure the spare supportability during warranty period in terms of DPL-15 and after warranty. For efficient spare supportability the SUPPLIER shall provide the spares from its stock (preferably held in Pakistan at Karachi or Islamabad).</p> <p>d. If SUPPLIER's manufactured Radio Equipment declared obsolete by SUPPLIER, and SUPPLIER does supply an equivalent replacement within five (05) years from CED, the SUPPLIER will provide the new equipment at the same price as of original equipment.</p> <p>e. In case any component of the SUPPLIER's radio becomes obsolete or out of production, SUPPLIER is to give one year advance notice and would be bound to provide an alternate solution at same cost as of the given component, to keep the Radio sets in optimum operational condition.</p>		
21.	<p>RISK & EXPENSE (R/E). In event of failure on part of SUPPLIER to comply with contractual obligations, the contract will be cancelled at Risk and Expense of SUPPLIER in accordance with DPP&I-35 (Revised 2019).</p>		
22.	<p>INSPECTION. Nominated Purchaser's Inspection Team will carry out Joint Inspection at INSY Turkey.</p>		
23.	<p>END USER CERTIFICATE (EUC). End User Certificate for SUPPLIER (if required) shall be provided by PURCHASER within 30 days after signature of contract by both the parties.</p>		
24.	<p>EXPORT LICENCE/ PERMIT. It is the responsibility of SUPPLIER to apply for obtaining Export License/ Permit from its Govt. for export of indented items/ stores for supply/ delivery of equipment to PURCHASER.</p>		
25.	<p>MAN MACHINE INTERFACE (MMI). Equipment should be user friendly, MMI configurable by PURCHASER as per PN user requirement.</p>		
26.	<p>TECHNICAL ASSISTANCE. SUPPLIER is to provide the services (FOC basis) of its qualified engineers and technicians for each Radio Communication set to undertake assembling and successful trials of delivered equipment in INSY Turkey as per PURCHASER agreed trials procedures i.a.w Acceptance Trials Procedures.</p>		



27.	<p><u>COMMISSIONING/ TRIALS.</u></p> <p>a. Commissioning of External Communication Suite is to be arranged within 120 days of supply of equipment by SUPPLIER through OEM at Turkey.</p> <p>b. Equipment Commissioning trials to be carried out by SUPPLIER onboard ship. Any defect/ damage of equipment during commissioning trials is to be replaced by SUPPLIER without any additional cost.</p> <p>c. Undertaking of all or any tests/ trials will remain the prerogative of the PURCHASER.</p>		
28.	<p><u>WARRANTY/ GUARANTEE.</u></p> <p>a. Complete equipment including accessories are to be warranted by SUPPLIER for a period of 02 years, for all defects from date of final acceptance by PURCHASER.</p> <p>b. SUPPLIER is to guarantee that all items supplied under the terms of this contract are of latest version, OEM certified and brand new. Stores, which are not procured directly from OEM or his authorized dealer/ agent/ stockist will not be acceptable.</p> <p>c. SUPPLIER is to guarantee that materials used, whether or not of his manufacture, conform to the quality standards mentioned thereof for such equipment in compliance with the standards mentioned in this contract.</p> <p>d. Post delivery, SUPPLIER will replace DDP at consignee's warehouse without any additional cost within 7 days every article or part thereof which before use or in use shall be found defective/ damaged or not within limits and tolerances of specifications, or in any way not in accordance with the terms of the contract at the time of Joint Inspection.</p> <p>e. In case of SUPPLIER's failure to replace the defective stores without any additional cost within 7 days he will refund relevant cost DDP at consignee's warehouse in the currency in which received along with a reasonable compensation as claimed by PURCHASER.</p>		
29.	<p><u>CUSTOMIZED COMPONENTS.</u> SUPPLIER is to provide list of all customized components as well as all programmable components used in the system, to meet the PN maintenance/ repair requirements for next Thirty (30) years.</p>		
30.	<p><u>CERTIFICATION REQUIREMENT.</u></p> <p>a. SUPPLIER will confirm through OEM certificate at the time</p>		



	<p>of supply/ delivery of the equipment at consignee's end, that equipment being supplied has been made SAT to work and is a proven equipment.</p> <p>b. SUPPLIER through certificate is to confirm that he will provide import documents at the time of delivery of stores.</p> <p>c. SUPPLIER certificate for conformance of 100% indent specifications, any deviation to be clearly indicated in the offer will be provided at the time of delivery of stores.</p> <p>d. SUPPLIER's "Certificate of Conformity" originating from "Principal" who is neither the OEM nor the OEM's authorized dealer/ agent/ stockist will not be acceptable.</p> <p>e. Final Acceptance Certificate will be signed by PURCHASER within 02 weeks only after successful commissioning of the entire Communication System</p>		
31.	<p>BUY BACK. The SUPPLIER will buy back the spare parts supplied as part of this contract at the selling price, which are no longer required as indicated by the PURCHASER, within 05 years from the final acceptance of the equipment/ system.</p>		
32.	<p>CUSTOMER BASE.</p> <p>a. SUPPLIER MUST provide alongwith the offer a list of main customers; to whom such range of equipment was sold/ supplied during last ten years.</p> <p>b. SUPPLIER MUST furnish alongwith offer, a certificate of satisfaction from at least one of the reputable customers. The certificate should clearly indicate the in-service quality of equipment against the given specifications.</p>		
33.	<p>LIABILITY.</p> <p>a. SUPPLIER shall not be liable under any circumstances to PURCHASER, its officers, agent, employees, successors and/or assignees, for any special, consequential and/or incidental damage of whatsoever kind or nature, including, without limitation, any loss, cost, damage, loss of revenue or profit or loss of use, incurred or suffered by the PURCHASER or any third party arising out of or in connection with this Contract.</p> <p>b. Foregoing shall not affect PURCHASER's right to claim compensation against SUPPLIER for damages suffered by PURCHASER arising directly from performance, bad performance or non performance of SUPPLIER's duties and/ or obligations under Contract, provided that, aggregate liability of SUPPLIER in connection with this Contract for any cause whatsoever including</p>		



	indemnity and risk purchase, shall not exceed Fifty percent (50%) of total price actually paid to SUPPLIER under this Contract.		
34.	QUALITY ASSURANCE AND QUALITY CONTROL. SUPPLIER shall be responsible for the Quality Control/ Quality Assurance of the designed performance of the supplies. STW of the system will form part of this criteria. SUPPLIER shall carry out stage inspections during every stage of process and provide Quality Control/ Quality Assurance Criteria to ensure quality conformance with Technical Data Package of the Contract.		
35.	LANGUAGE, MEASUREMENTS AND WORKING METHODS. Contract specifications in English language shall be followed. All drawings, data-files in soft media, Man-Machinery Interface (MMI) of software and hardware, all marking and documentation required to be produced or delivered to the PURCHASER under the contract shall be written in the English language. Measurement shall be in metric units of measurement unless otherwise specified.		
36.	END USER. DRC is the Sponsor Dte who will provide list of End Users to whom indented items will be issued after development.		
37.	PENALTY. <p>a. SUPPLIER before making the shipment will carry out complete test of the equipment at his facilities to ensure that the same has been manufactured as per the specifications. However, PURCHASER within 30 days of its receipt will carry out inspection and test/ trials. In case equipment does not pass the tests/ trials, the PURCHASER has the right to outright reject equipment or impose penalty at the rate of 100-150 % of value of relevant equipment.</p> <p>b. Penalty shall not absolve the SUPPLIER to undertake the repairs in Turkey or Pakistan or abroad at his own cost and expense including freight charges. This shall be in addition to other penalties and obligations covered in the contract like warranty/guarantee obligations on form DPL-15.</p>		
38.	DISCREPANCY. Consignee shall render a discrepancy report to all concerned within 45 days after receipt of stores for discrepancies found in the consignment. Quantities found short/deficient/defective are to be made good by SUPPLIER free of cost.		
39.	SECURITY. The SUPPLIER(s) 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 DP(N) to receive it. Any breach on this account shall be punishable under the Pakistan Official Secret Act-1923 in		



	addition to termination of the contract at the risk of SUPPLIER.		
40.	INDEMNITY. The SUPPLIER shall at all times indemnify the PURCHASER against all claims which may be made in respect of the stores for infringement of any rights protected by Patent, Registration of Design or Trade Mark and shall take all risks of accidents or damages which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfillment of the contract provided always that in the event of any claim in respect of alleged breach of Patent, Registered Design or Trade Mark being made against the PURCHASER, the PURCHASER shall notify the SUPPLIER of the same and the SUPPLIER shall be at liberty to settle any dispute or to conduct any litigation that may arise there from at his own expenses.		
41.	SUBLETTING. The SUPPLIER shall be entirely responsible for the execution of the contract in all respects according to the terms of the contract. The SUPPLIER shall not sublet, transfer or assign the contract or any part thereof to any other firm/ party without prior written permission of the PURCHASER.		
42.	AMENDMENT IN THE CONTRACT. Amendment in the contract, if required, shall be processed in writing by procurement agency upon mutual agreement of both the parties.		
43.	TERMINATION. <p>a. If at any time during the currency of the contract PURCHASER decides to terminate the contract for any reason whatsoever (other than for reasons of non-delivery), he shall have right to do so by giving the SUPPLIER a registered notice to that effect. In such event, PURCHASER shall accept delivery at the contract price and terms of such stores/ goods/ services which are in the actual process of manufacturing that is completed and ready for delivery within thirty days after receipt by the SUPPLIER of such notice.</p> <p>b. In the case of remainder of the undelivered stores/ goods/ services, the PURCHASER may elect either to have any part thereof completed and take the delivery thereof at the contract price or to cancel the remaining quantity and pay to the SUPPLIER for the articles or sub-components or raw materials purchased by the SUPPLIER and are in the actual process of manufacturing at the price to be determined by the PURCHASER. In such case, materials in the process of manufacturing shall be delivered by the SUPPLIER to the PURCHASER.</p> <p>c. No payment shall, however, be made for any materials not yet in the actual process of manufacturing on the date notice of cancellation is received by SUPPLIER.</p>		



	<p>d. Should SUPPLIER fail to deliver stores/ goods/ services in time as per terms of contract, or fail to render Bank Guarantee within stipulated time period or any breach of contract, PURCHASER reserves the right to terminate/ cancel contract fully or any part thereof at risk and expense (RE) of SUPPLIER.</p>		
44.	<p>COMPENSATION ON BREACH OF CONTRACT. If SUPPLIER fails to supply the contracted stores/equipment or contract is cancelled either on SUPPLIER's Risk & Expense (RE) or without RE or contract becomes ineffective due to default of SUPPLIER or stores/equipment declared defective and causes loss to the PURCHASER, SUPPLIER shall be liable to pay to the PURCHASER a compensation for loss or inconvenience resulting for his default/defect or from the rescission of this contract. When such default/defect or rescission take place such compensation shall be in excess to the RE amount, if imposed by the competent authority. Compensation amount in terms of money shall be decided by the purchase officer and shall be deposited by SUPPLIER in Government of Pakistan treasury in the currency of contract.</p>		
45.	<p>MISCELLANEOUS.</p> <p>a. SUPPLIER should mention price of all deliverables (i.e. Equipment/ Services, Spares, Documentation, Test Bench/ Tools/ Test Equipment, Training, FATs (Factory Acceptance Trials), Installation/ Integrations, Test/ Trials/ Commissioning (Harbour Acceptance Trials, Sea Acceptance Trials) etc where applicable) separately in financial quote. Same are to be subsequently incorporated in the contract document.</p> <p>b. SUPPLIER is to provide alongwith offer, name of manufacture of all the major sub-assemblies, components and associated accessories of the offered system.</p> <p>c. SUPPLIER is to provide, alongwith the offer, copies of the Standards/ Specification referred to, or used, for the equipment and its accessories.</p> <p>d. SUPPLIER is to provide list of all customized components in his offer.</p> <p>e. SUPPLIER is to provide breakdown of prices of main equipment, accessories, spares, customized components, training, documentation and FATs/ HATs/ SATs/ STW expenditures etc in its commercial offer.</p> <p>f. Only OEM certified brand new equipment/ stores are to be accepted on SUPPLIER's warranty/ guarantee on DPL-15 at consignee's end.</p>		



	<p>g. SUPPLIER is to render OEM certificate for compatibility with existing PN Communication equipment.</p> <p>h. TSR of case will be carried out by a committee nominated by PN.</p> <p>j. Equipment may be fitted with mechanical shock mounts/ absorbers.</p> <p>k. SUPPLIER is to provide complete 'Check off list' against the indent.</p> <p>l. Copies of contract be forwarded to following:</p> <ul style="list-style-type: none"> (1) D Radio Comm NHQ Islamabad. (2) DCM NHQ Islamabad. (3) DNWE NHQ Islamabad. (4) DSMR(WE) NHQ Islamabad. (5) DPP-III NHQ Islamabad (6) MD PN Dockyard Karachi. (7) CO NSD Karachi. (8) CO EHQ & PDD (Navy), Karachi. (9) D Budget (10) CNO (Turkey) (11) CMA (DP) (12) DP (Navy) (13) FA (Navy) <p>m. PURCHASER will have all the rights to cancel/ reject bid of any SUPPLIER at any stage, if Pakistani security agencies declare unsuitable or highlight any observations pertaining to security issues against any of the participating vendor/ SUPPLIER.</p>		
46.	<p>Evaluation Finalization for Contract Award: Firm Complying to Technical Specifications at Annex A with lowest bid as finalized by NHQ will be awarded the contract. Decision of NHQ will be final.</p>		
47.	<p>DOCUMENTATION</p> <p>1. REQUIREMENT OF DOCUMENTATION</p> <p>a. Following categories of documents/ manuals are to be provided by the SUPPLIER prior induction of the system in PN. Contents of all the manual and other related documents including specifications, drawings and other lists should be standardized in accordance with Military Specification MIL-M-15071H (NAVY) containing requirement and format of manuals covering all aspects of operations, troubleshooting, schedule maintenance, workshop repair and IPC etc for all types of equipment and</p>		



systems:

(1) **Manuals.**

- (a) Operator Manual.
- (b) User Manual.
- (c) Maintenance Manual.
- (d) Workshop Manual.
- (e) Technical Manual.
- (f) Installation Manual.

(2) **Catalogues.** Catalogues of Ancillary Support Equipment required for operation and maintenance of equipment containing description, part number, quantity required, calibration periodicity and manufacture name of ASE, Portable Specialized Support Equipment (PSSE), Special to Type Test Equipment (STTE), Common User Hand Tools (CUHT), Common Use Mechanical Testing Equipment (CUMTE), Common Range Electrical Testing Equipment (CRETE) and Automatic Test Equipment (ATE) are to be provided with the equipment.

(3) **Documents.**

- (a) Test Equipment/Tools.
- (b) Part Identification Lists (PILS).
- (c) Illustrated Parts Catalogues (IPCs).
- (d) Recommended spare part (onboard and depot level)
- (e) Cable layouts for system interfacing.
- (f) Test & Trials sheets along with the detailed procedures.
- (g) Keep alive policy.
- (h) List of upkeep by exchange items.
- (j) List of R x R items.
- (k) Software procedures including sources code.

(4) **Drawings.**

- (a) Installation drawings.
- (b) Circuit diagram.
- (c) Component layout diagrams of PCBs.
- (d) Schematic diagrams for track verifications and physical connections.
- (e) Test fixtures.

2. **CONTENTS/ DETAILS OF VARIOUS DOCUMENTATION/ MANUALS**

a. Details of technical contents which should be



included in the documentation are as under:

(1) **Operating Manual.** This document should provide detailed operating procedures for the sets and use of the accompanied accessories.

(2) **Installation Manual.** This document cover in detail pre-installation checks, detailed installation procedures alongwith drawings and post installation checks should also cover set to work & commissioning procedures alongwith relevant settings and performance data sheet. This should also provide installation specifications and test & trial procedures alongwith test forms.

(3) **Maintenance Manual.** This document should include following:

(a) Technical data / specifications & general technical description of the equipment/system, including its all sub assemblies /sub system.

(b) Level 1 & 2 maintenance routines alongwith detailed procedure to complete maintenance job including information contained in Job Information Cards, Engineering Procedure, Technical Repair Standard i.e. spares / stores divided into following categories:

- i. Mandatory items
- ii. High probability items i.e> 50% usage
- iii. Low probability items i.e> 25% usage
- iv. Occasional items i.e> 5% usage
- v. Consumable items

- (c) Fault diagnostic procedure
- (d) Overhaul procedures (If applicable)
- (e) Part list
- (f) Operating space items/ready use stores (If applicable)
- (g) Hot/built-in spares (If applicable)
- (h) Shop consumable
- (j) Technical data sheet (Reference/datum level data)

(4) **Software Manuals.** Complete



documentation (fully commented) to support all aspects of software maintenance alongwith the source code both in hard and soft from.

(5) **IPC (IF APPLICABLE)**. It should contain exploded view of assemblies & sub-assemblies alongwith identification of all components included there in. Prices of all items be also provided for future use and update periodically.

(6) **Workshop Manual**. This document should include following:

(a) Technical data & general technical description of system.

(b) Technical description of all sub-assemblies & sub-systems.

(c) Level 3 & 4 maintenance routines alongwith detailed procedure supported by information contained in Job Information Cards, Engineering Procedure, Technical Repair Standard i.e. maintenance procedure in detail, tool/test equipment required and list of spares /stores divided into following categories:

- i. Mandatory items
- ii. High probability items i.e> 50% usage
- iii. Low probability items i.e> 25% usage
- iv. Occasional items i.e> 5% usage
- v. Consumable items

(d) Complete circuit diagrams of all PCBs modules & sub-assemblies of equipment.

(e) Fault diagnostic upto component level.

(f) FATs record alongwith base line VA record if applicable

(g) Major overhaul detailed procedure.

(h) Parts list.

(j) Technical data sheet (Reference/datum level data)



	<p>(k) Component layout of PCBs/modules</p> <p>(l) Mylar of all PCBs.</p> <p>(m) List of customized IC's alongwith truth table.</p> <p>(n) List of programmable components alongwith software / firmware and source code.</p> <p>(p) Details of tolerances and wear limits according to manufactures standards.</p> <p>(q) Values alongwith limits of all safeties and detailed procedure of setting/ adjustment.</p> <p>(r) Performance chart.</p> <p>(s) List of standard test equipment.</p> <p>(t) List of special to type test equipment.</p> <p>(u) List of insurance / contingency items.</p> <p>(v) List of U x E items.</p> <p>(w) List of R x R items.</p> <p>(7) List of Onboard Spares. List of onboard spares to support level 1 and 2 maintenance alongwith consumables for machinery/ equipment upto 2 year.</p> <p>(8) List Of Depot Spares. List of depot stores to support level 1-4 maintenance for two complete maintenance cycle of 10 years.</p> <p>(9) Project Definition Document (PDD). Project Definition Document is to be provided by SUPPLIER 30 days after Contract Effective Date.</p>		
48.	<p>ICD REQUIREMENTS</p> <p>For equipment, sensor or sub system interfacing, following details are to be ensured in interface control documents (ICDs).</p> <p>a. Electrical / Functional. Following parameters are required considering the specific function or signal involved:</p> <p>(1) Cabling and connectors.</p>		



- (2) Power requirements.
- (3) Electromagnetic interference, electromagnetic.
- (4) Compatibility, electromagnetic radiation, and Grounding requirements.
- (5) Functional flow and timing requirements.
- (6) Signal definition.
- (7) Digital data definition to the bit level.
- (8) Protocol levels.
- (9) Seven-layer (as per ISO).
- (10) Open system instruction stack definition or its equivalents.
- (11) Error recovery procedures.
- (12) Startup and shutdown sequences.
- (13) Adequacy of standards used or reference.
- (14) Interface signal type (e.g. analog or digital).
- (15) Timing and other functional interdependencies.
- (16) System handling of error conditions.

b. **Mechanical / Physical.**

- (1) Additional physical output ports (Ethernet / serial /ARINC).
- (2) A datum (reference) common to both sides.
- (3) Dimension and tolerance for all features of each part/port provided.
- (4) Compatibility of two mating parts / port and their specifications.

c. **Structural Load.**

- (1) Loading conditions (static or dynamics).
- (2) Duration of loading condition.
- (3) Characteristics of the equipments.

d. **Hardware Interface.** Requirements /details shall not be limited to the following:

- (1) It shall cover complete hardware configuration details /documentations, not just limited to the pin level diagrams, connector type, electrical voltage etc.
- (2) Each output port type ports (Ethernet / serial /ARINC), complete interface / configuration details shall be provided including peripheral devices connection, interface details.
- (3) OEM must provide sufficient documentation, so as PN shall be able to interface all hardware and peripheral devices with PN equipment's (where available / applicable) independent of OEM



help/support.

e. **Software Interface.** The requirements/ details must have definition of every interface by medium and by function including and shall not be limited to the following:

(1) ICD shall cover in details the following formats:

- (a) Date type
- (b) Input, output message
- (c) Input, output controls codes
- (d) Polarity
- (e) Range
- (f) Units
- (g) Bits weighing , Baud rate
- (h) Frequency
- (j) Min max timing constraints
- (k) Legal / illegal values
- (l) Accuracy
- (m) Data Fields
- (n) Message encoding
- (p) Special characters definition
- (q) Message control, construction rule / definition /formats
- (r) Data processing /handshake rules
- (s) Interface Protocol details/ formats

(2) Software ICDs must provide complete data decoding scheme for each interface type, i.e Ethernet/ Serial/ ARINC.

(3) Handshaking details including data flow scheme and command exchange mechanism, for input and output data exchange.

f. **Environment.**

(1) Conditions required for equipment to function properly, storage, standby and operating scenarios established and defined.

(2) Extreme and nominal environmental conditions defined.

(3) Effect of uncontrolled extreme external environmental.

TENDER No.....

NAME OF THE FIRM.....
DGDP REGISTRATION No.....
ADDRESS.....
TELEPHONE No.
OFFICIAL E-MAIL.....
FAX No
MOBILE No

To:

Directorate of Procurement (Navy)
Through Bahira Gate
Near SNIDS Centre,
Naval Residential Complex E-8
ISLAMABAD

Contact: Reception: 051-9262311
Bahria Gate: 0331-5540649
Section: 051-9262304
Email: dpn@paknavy.gov.pk
Adpn31pre@paknavy.gov.pk

DEAR SIR

DATE_____

1. I/WE HEREBY OFFER TO SUPPLY TO THE DIRECTOR OF PROCUREMENT (NAVY) 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 **120 DAYS** 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 2002) INCLUDED IN THE PAMPHLET ENTITLED, GOVERNMENT OF PAKISTAN, MINISTRY 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.

3. THE FOLLOWING PAGES HAVE BEEN ADDED TO AND FORM PART OF THIS TENDER:

- A.
- B.
- C.

YOURS FAITHFULLY,
.....
(SIGNATURE OF TENDERER)
.....
(CAPACITY IN WHICH SIGNING)
ADDRESS:.....
DATE.....
SIGNATURE OF WITNESS.....
ADDRESS.....

*INDIVIDUAL SIGNING TENDER AND/OR OTHER DOCUMENTS CONNECTED WITH A CONTRACT MUST SPECIFY:-

- (a) WHETHER SIGNING AS "SOLE PROPRIETOR" OF THE FIRM OR HIS ATTORNEY.
- (b) WHETHER SIGNING AS A "REGISTERED ACTIVE PARTNER" OF THE FIRM OR HIS ATTORNEY.
- (c) WHETHER SIGNING FOR THE FIRM "PER PROCURATION".
- (d) IN THE CASE OF COMPANIES AND FIRMS REGISTERED UNDER THE ACT, 1913 AS AMENDED UP-TO-DATE AND UNDER THE PARTNERSHIP ACT 1932, THE CAPACITY IN WHICH SIGNING E.G., THE DIRECTOR, SECRETARY, MANAGER, PARTNER, ETC. OR THEIR ATTORNEY AND PRODUCE

- (e) Principal's Proforma invoice (in original)
- (f) Earnest money
- (g) Treasury Challan Form for tender Fees as applicable

NECESSARY DATA FOR ISSUANCE OF CONTRACTS ON BID SECURITY/EARNEST MONEY

IMPORTANT

Each column must be filled in with BLOCK CAPITAL LETTERS, incompleteness shall render disqualification.

1. Name : _____
2. Father's Name : _____
3. Address (Residential) : _____

4. Designation in Firm : _____
5. CNIC : _____
(Attach Copy of CNIC)
6. NTN : _____
(Attach Copy of NTN)
7. Firm's Address : _____

8. Date of Establishment of Firm : _____
9. Firm's Registration Certificate with FBR/Chamber of Commerce/Registrar of Companies.
(Attach Copy of relevant CERTIFICATE)
10. In case PARTNERSHIP (Attach particulars at serial 1,2,3,4,5 and 6 of each partner).

(Kindly fill in the above form and forward it under your own letter head with contact details)