

Directorate of Procurement (Navy)
Through Bahria Gate
Near SNID Center, Naval Residential Complex, E-8, Islamabad
Contact: Reception 051-9262311, Bahria Gate 0331-5540649, Section

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	

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)

Tender No.....
 Directorate of Procurement (Navy)
 Through Bahria Gate
 Near SNIDS Centre,
 Naval Residential Complex, E-8,
 Islamabad
 Contact: Reception: 051-9262311
 Bahria Gate: 331-5540649
 Section: 051-9262302
 Email: dpn@paknavy.gov.pk
adpn32@paknavy.gov.pk

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 PPRA Rules-2004 as Understood
agreed (Revised 2017) covering general terms & conditions of contracts laid down by Mo Understood
not agreed
 As a potential bidder, it is incumbent upon you and your firm to first acquaint yourself with PPRA 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.

3. **Conditions Governing Contracts.** The 'Contract' made as result of this I, Understood
agreed to Tender) i.a.w PPRA Rules 2004 shall mean the agreement entered into between Understood
not agreed
 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.

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

a. **Commercial Offer.** The offer will be in duplicate and indicate price Understood
agreed figures as well as in words in the currency mentioned in IT. It should be clearly Understood
not agreed
 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.

b. **Technical Offer: (Where Applicable).** Should contain all relevant information in DUPLICATE (or as specified in IT) along with essential literature/brochure 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:

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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 may point by point and understood properly before quoting. All tender conditions responded clearly. In case of any deviation due to non-acceptance or tender conditions(s), the same should be highlighted alongwith your offered conditions. Tender may however be liable to be rejected.

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not agreed

d. Firms shall submit their offers in two separate envelopes (i.e. two copies of commercial offer and two or more copies of the technical offer 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 the signature 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, DP-3 and Questionnaires duly filled in are to be submitted with stamped/signed by the authorized signatory/ person. It is pertinent to mention that all these are essential requirement for participation in the tender.

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agreed Understood
not agreed

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

Directorate of Procurement (Navy)
Through Bahria Gate

Near SNIDS Centre,
Naval Residential Complex, E-8,
Islamabad
Contact: Reception: 051-9262311
Bahria Gate: 331-5540649
Section: 051-9262302
Email: dpn@paknavy.gov.pk
adpn32@paknavy.gov.pk

5. **Date and Time For Receipt of Tender.** Tender must reach this office by time specified in the Schedule to Tender (Form DP-2) attached. This Directorate 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. Understood agreed Understood not agreed

6. **Tender Opening.** Tenders will be opened as mentioned in the schedule. Commercial offers will be opened at later stage if Technical Offer is found ; examination by technical authorities of Service HQ. Date and time for 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. Understood agreed Understood not agreed

7. **Validity of Offer.**

a. The validity period of quotations must be indicated and should involve days from the date of opening of Technical offer or 30th June whichever undertakes to extend validity of offer if required by equal number of original period (i.e. 120 days as per original offer) i.a.w PPRA Rule-26. Understood agreed Understood not agreed

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 rate quoted, shall apply only if the entire quantity/range of stores is taken The Director Procurement reserves the right of accepting the whole or any part of 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, item quoted rates are deliberately kept hidden or lumped together to trick other winning contract as lowest bidder, DP(N) reserves the right to reject such offers 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 NOT quoting. In case of failure to return the ITs either quoted or not quoted quantity 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 signing of the contract and within validity period of their offers. In case the firm 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 win 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 (obtainable from State Bank of Pakistan/Government Treasury) and debit a 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 acquire prior approval from DP (Navy) to participate in the tender competition through formal application accompanied by Challan Form of Rs 300 in favour of CMA (DP).

14. **Earnest Money/Tender Bond:-** Your tender must be accompanied Attached Not Attached
Order/Demand Draft/Call Deposit Receipt (CDR) in favor of CMA (DP), Rawal
following amounts:-

a. **Rates for Contract.** The rate of earnest money and its maximum ceiling 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. 0.2M

(ii) **Registered/Pre-Qualified but Un-indexed Firms.** 3% of the quoted value subject to maximum ceiling of Rs. 0.2M

(iii) **Unregistered/not Pre-Qualified/Un-indexed Firms.** 5% of the quoted value subject to maximum ceiling of Rs. 0.4M

(iv) **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. **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 ε Earnest Money (EM) , it will deposit following documents to DGDP (Registration S 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 & 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 contract.

Understood agreed Understood not agreed

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

Understood agreed Understood not agreed

18. **Documents Required.** Following documents are required to be submit the quote:

Understood agreed Understood not agreed

- a. OEM/Authorized Dealer/Agent Certificate along with OEM Dealership E nce.

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 of the tender concluded against this tender may be rejected as follows:

- | | | |
|---|--------------------------|--------------------------|
| | Understood
agreed | Understood
agreed |
| a. 1 st rejection on Govt. expense | <input type="checkbox"/> | <input type="checkbox"/> |
| b. 2 nd rejection on supplier expense | <input type="checkbox"/> | <input type="checkbox"/> |
| c. 3 rd rejection contract cancellation will be initiated. | | |

20. **Security Deposit/Bank Guarantee .** To ensure timely and correct supply of stores/services, the firm will furnish an unconditional Bank Guarantee(BG) from a schedule Bank (as per schedule) 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 CDR/Bank Draft/Pay Order. 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
	<input type="checkbox"/>	<input type="checkbox"/>

21. **Integrity Pact.** There shall be “zero tolerance” against bribes, gifts, commission or inducement of any kind or their promises thereof by Supplier / Firm to any Government 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
<input type="checkbox"/>	<input type="checkbox"/>

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 (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 (Navy) for the inspection of major equipments and machinery items at OEM premises as per 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 contractor is responsible for bearing such expenses, detailed breakdown of the same should be given separately in the commercial offer.

Understood agreed Understood not agreed

24. **Amendment to Contract.** Contract may be amended/modified to include or delete (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 Purchaser within 60 days after receipt of stores for discrepancies found in the consignment. Discrepancies 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, any increase/decrease will be allowed at actual on case to case basis on production or government notification by the Supplier for the subject stores where the Supplier is contractually obliged and bound to produce the stores from raw materials supplied by the 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 in the delivery of equipment due to event of Force Majeure such as acts of God, War, Civil 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. If 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 out of contract through friendly discussions in good faith. In the event that either party fails to reach 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 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 in Pakistan shall have jurisdiction to decide the matter. Understood
agreed Understood
not agreed

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

31. **Risk Purchase.** In the event of failure on the part of supplier to con contractual obligations the contract will be cancelled at the Risk and Expense supplier in accordance with DP-35. Understood
agreed Understood
not agreed

32. **Compensation Breach of Contract.** If the contractor fails to contracted stores or contract is cancelled either on RE or without RE or cor 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 G^overnment compensation for loss or inconvenience resulting for 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 or co any form shall be paid to any local or foreign agent, consultant representative, s 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 a 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.** Understood
agreed Understood
not agreed

a. If at any time during the currency of the contract the Purchas 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 no to the 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.

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 reserves the right to accept or reject any or all offers including the lowest. Grounds for such rejection shall be communicated to the bidder upon written request, but justification for grounds is not required as per PPRA Rule 33 (1). Understood
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Understood
not agreed

36. **Application of Official Secrets Act, 1923.** All the matters connected with the 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

37. **Acknowledgment.** Firms will send acknowledgement slips within 07 days of downloading of IT from the PPRA Website i.e. WWW.PPRA.ORG.PK Understood
agreed Understood
not agreed

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

- a. Received later than appointed/fixed date and time. Understood
agreed Understood
not agreed
- 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.
- d. Forms DP-1, DP-2 (along with Annexes), and DP-3 duly signed, are NOT received with the offers.
- 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 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 or CINS or any other problematic area towards the execution of the contract may file an Appeal to Standing Appeal Committee (SAC) comprising PN Officers and military representatives 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 shall not be entertained.

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 website www.dgdp.gov.pk. These firms can participate in tender in accordance with provision of documentary proof regarding financial status of the firm alongwith valid registration copies.

42. Firms which are not registered with DGDP should initiate provisional registration in accordance with Para 41. Besides, ground check by Field Security (FS) Team will be conducted. Firms undertake to provide following documents for ground check by FS Team:

- 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 & Agree changed / withdrawn after tender opening. The IT provisions accepted shall fori 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 encashed 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.

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

ATTESTED BY OATH COMMISSIONER WITH STAMP

INVITATION TO TENDER FORM

1. Schedule to Tender No [D/ICP/IND/DC&FF/102022/B-2105/320514](#) dated _____. This tender will be closed for acceptance at [1030 Hours](#) and will be opened at [1100 Hours](#) on [21-12-2021](#). Please drop tender in the Tender Box No [202](#).
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	UNIT PRICE	TOTAL PRICE
1.	<p><u>NSN: 6665-14-577-0819</u> <u>P/No. 00126378</u></p> <p>METER, ROENTGEN (DOSIMETER SOR-R/T)</p> <p><u>PARENT EQUIPMENT</u> XOM/T</p>	179 (Each)		
2.	<p><u>NSN: 6665-14-528-4794</u> <u>P/No. 00126437</u></p> <p>DOSIMETER READER XOM/T READER RECORDER WITHOUT LAPTOP</p> <p><u>PARENT EQUIPMENT</u> XOM/T</p>	26 (Each)		
3.	<p><u>NSN: 7030-14-573-3861</u> <u>P/No. 123781/ XOM READER</u></p> <p>SOFTWARE/ DISC PROGRAM AUTOMATION (DOSIXOM SOFTWARE) FOR SOLT E-30 DOSIMETER</p> <p><u>PARENT EQUIPMENT</u> XOM T 30 E READER</p> <p><u>TECHNICAL BROCHURES</u> Attached at Annex "B"</p> <p><u>OEM ADDRESS</u></p> <p>M/S MIRION TECHNOLOGIES (MGP) SA, RTE D'EYGUIERES, LAMANON, FRANCE, 13113 BP 1 TEL: 0490 59 59 59 FAX: 04 90 59 55 18 www www.mirion.com NAC 26 51</p> <p><u>NOTE:</u> In case of replaced Part No/ Model No. the firm is to provide F3 Certificate & OEM COC.</p>	26 (Each)		

<u>TAXES AND DUTIES</u>	Yes	No
<p>All taxes, duties and import/export license fees payable in Supplier's country or any other country en-route shipment other than Pakistan shall be paid by Supplier.</p> <p>A breakdown of the duties and taxes is to be given separately in the schedule of stores. The purchaser shall only re-imburse the value of stores to the firm/supplier through CMA (DP). All applicable duties/taxes shall be paid by MoD centrally to FBR.</p>		
Grand Total		

TERMS & CONDITIONS

1. **CINS SPECIAL INSTRUCTIONS** Attached as per Annex 'A'
2. **TERMS OF PAYMENT** 80% on shipment of stores
20% on issuance of CRV
3. **ORIGIN OF STORES** Imported with OEM COC (Name & Country of OEM to be clearly mentioned)
4. **ORIGIN OF OEM** France
5. **TECHNICAL SCRUTINY REPORT** Required
6. **DELIVERY PERIOD** 06 x Months
7. **TRADE LINK BETWEEN FIRM AND OEM**
8. **CURRENCY** Euro
9. **BASIS FOR ACCEPTANCE** FOB Basis
10. **BID VALIDITY** The validity period of quotations must be indicated **and should invariably be 120 days from the date of opening of commercial offer or 30th June 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.
11. **TENDERING PROCEDURE** Single Stage- Two Envelope bidding procedure will be followed. PPRA Rule 36 (b) refers.
12. **EARNEST MONEY/TENDER BOND:-** 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. **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. 0.2 M
 - (ii) **REGISTERED/PRE-QUALIFIED BUT UN-INDEXED FIRMS.** 3% of the quoted value subject to maximum ceiling of Rs. 0.2 M.
 - (iii) **UNREGISTERED/NOT PRE-QUALIFIED/UN-INDEXED FIRMS** 5% of the quoted value subject to maximum ceiling of Rs. 0.4 M.

(iv) **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. **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).

13. **SPECIAL NOTE.**

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

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

b. 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.

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

d. 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 along with payment documents.

e. 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.

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

g. 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. Tender Opening Board is authorized to check earnest money.** AUTHORIZATION LETTER IS MANDATORY FORM YOUR PRINCIPAL FIRM AT THE TIME OF PARTICIPATION IN TENDER.

h. **UNDER TAKING ON STAMP PAPER W.R.T ADEQUACY OF SUBMITTED EARNEST MONEY IS ALSO BE ENCLOSED.**

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.

SPECIAL INSTRUCTIONS

<u>Description</u>	<u>Firm's Remarks</u> <u>Comply / Not</u> <u>Comply</u>
<p><u>SOURCE OF SUPPLY</u></p> <p>1. Genuine OEM certified brand new stores will only be acceptable. Stores not procured directly from OEM or his Authorized Dealer/Agent/Stockiest will not be acceptable.</p> <p>2. Supplier in his "Offer/Quotation" is to clearly state whether stores will be supplied directly from relevant OEM or OEM's Authorized Dealer/Agent/Stockiest.</p> <p>3. In case the stores are being sourced through OEM's Authorized Dealer/Agent/ Stockiest, a documentary proof to this effect comprising OEM's Dealership Certificate in respect of Dealer/Agent/Stockiest is to be provided by the Supplying firm with following endorsements:</p> <ol style="list-style-type: none"> a. Certificate reference number with date b. Name of the authorized dealer/agent/stockiest c. Last date/duration/period for validity of dealership <p>4. Supplier in his "Offer/Quotation" is to provide OEM's contact (address, email address, phone, fax and website etc).</p> <p><u>ORIGIN OF SUPPLY</u></p> <p>5. Supplying firm in its "Offer/Quotation" is to specifically mention a country of origin for the stores which will be subsequently endorsed in the "Contract".</p> <p><u>UPDATES & CURRENT INFORMATION</u></p> <p>6. In case, NSN, Part Number or Quality Standard of the indented item has been superseded by a new one, before/after conclusion of contract, the supplying firm is to provide all such relevant information alongwith a documentary proof to this effect origination from the concerned OEM. If replaced part effects fittings and functioning of other associated parts as well, then details of those parts are also to be provided</p> <p>.</p> <p><u>DOCUMENTATION REQUIRED</u></p> <p>7. Supplying firm is to provide following documentation at the time of inspection:-</p> <ol style="list-style-type: none"> a. Firm's Warranty/Guarantee on Form "DPL-15". b. OEM's Certificate of Conformity indicating following:- <ol style="list-style-type: none"> (1) Pattern/Part Numbers of stores (2) Description of stores along with quantity (4) List of Serial Numbers or Batch Numbers or Lot Numbers as embossed / engraved on the stores as applicable. (4) Date/Period of Manufacture (5) Conformance to standards/specifications quoted in the IT c. OEM Test Certificate/ FATs report is required. d. Import documents comprising landing / Airway Bill or Shipping Bill and Bill of Entry duly endorsed with the name of supplying firm, if the item is sourced from abroad by local supplier/ Authorized dealer of OEM. <p>8. 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).</p>	

Hard copy of COC must follow in any case through courier. On receipt, CINS shall approach the OEM for verification of Conformance Certificate issued by the OEM. Companies / firms rendering false OEM conformance certificates shall be blacklisted. OEM's "Certificate of Conformity" originating from Principal who is neither the OEM nor the OEM's authorized dealer / agent / stockiest will not be acceptable.

INSPECTION

9. Inspection Authority for all types of stores will be CINS. However, in cases, where testing / verification of supplied stores is not possible, joint inspection will be carried out by reps of CINS, Consignee and end specialist user.

TECHNICAL BROCHURES

Radiation. Safety.

SOR-R/T

Ambient/LLR and Tactical
Electronic Dosimeter



OVERVIEW

An important special feature of the SOR line is its ability to meet the needs of various applications with one product. Given its multi-detector architecture the measurement range covered is broad, and includes high level gamma and neutron dose rates as well as low level radiations (LLR).

These dosimeters are qualified in accordance with current military and civil standards. The SOR line has even exceeded some of the standards currently in use in order to account for harsh operational environments.

The SOR dosimeter has been selected by most NATO countries.

KEY FEATURES

The SOR dosimeter line is built upon two basic versions:

- **The SOR/T for tactical (gamma and neutron) and residual/ambient gamma measurements**
- **the SOR/R for residual/ambient gamma measurements**
- Assignable electronic dosimeters
- Waterproof, light and small
- Rugged for battlefield use
- Hand free communication, pass-by exchange
- Data communication through clothing layers,

Health Physics Division

FUNCTIONAL CHARACTERISTICS

- Redundant architecture with passive measurement components **
- Selectable units: cGy; cGy/h; mSv; mSv/h; mrem; mrem/h
- 4 configurable dose and dose rate alarm levels
- Typical one year lifetime with standard battery
- User selectable display modes
- Backlighting display (option)
- Periodic exhaustive self-testing including the detector
- Historical record of measurements and events (750 steps; 10 s; 1 min; 10 min; 1 h; 24 h)
- Data storage in EEPROM (qualified > 10 years without battery)
- Battery low (16 h) pre-alarm and alarm if the battery is removed
- Neck lanyard or clip
- Real time tele-dosimetry transmission (up to 1000 m - 3281 ft range) for SOR/R
- Training mode included***

PHYSICAL CHARACTERISTICS

- H_p(10) dose equivalent measurements
- Flash gamma dose measurement**: 5 cGy to 10 Gy
- Flash neutron dose management**
- Relative error of flash measurement**: ± 30 % over measurement range
- Ambient gamma dose measurement range: 1 µGy to 10 Gy
- Gamma dose rate measurement range: from 0.1 µGy/h to 10 Gy/h
- Gamma dose rate display: from 1 or 10 µGy/h to 10 Gy/h
- Saturation indication (above 10 Gy/h)
- Relative error of ambient measurement:
 - ≤ 20 % over the dose measurement range
- Energy response:
 - ≤ 20 % in the range 60 keV to 2 MeV
 - ≤ 50 % in the range 2 MeV to 6 MeV
- Accredited factory calibration to IEC 17025
- Accuracy ≤ 10 % (¹³⁷Cs, ~ 25 mSv/h including ± 5 % of extended uncertainty K=2)

MECHANICAL CHARACTERISTICS

- Dimensions: 80.4 x 48 x 9 mm (flat housing)
(3.16 x 1.85 x 0.35 in)
- Weight: 55 g (1.94 oz)

* LLR: Low Level Radiation

**> specific configuration software is required for the XDM reader

ENVIRONMENTAL CHARACTERISTICS

- -20° to +50°C (-4°F + 122°F) (normal operating range, standard battery 3V LiMnO₂ CR2450)
- -40° to +50°C (-40°F + 122°F) (option with battery module 3.6V LiSoCl₂)
- TREE protection (SOR/R and SOR/T)
- Resistant to EMP, EMC, radars
- Resistant to water immersion (IP67: 1 m / 39.3 in), drops, shocks, vibrations, low pressure,
 - Initial conditions, NBC environmental conditions
- Complies with the following standards:
 - Meets MIL-STD-810 and MIL-STD-461 requirements
 - Qualified by most of the NATO military laboratories
 - Complies with IEC 1283, ANSI 42-20 and NATO D104



SOR/R/T inside the arm-band pouch (accessory)



SOR/R/T worn round the neck



SOR/R/T version to be clipped on a pocket

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WQ5251.0



MIRION
TECHNOLOGIES

Radiation. **Safety.**

XOM/T - XOM/R

Reader/Recorder for Residual and Tactical
Dosimetry



Nuclear
Power



Healthcare



Homeland
Security
& Defense



Life and
Education



Industrial and
Manufacturing

OVERVIEW

XOM/T and XOM/R reader/recorder are portable and autonomous equipment designed for field management of personal or collective dosimetry, when measured with SOR/T or SOR/R dosimeters. XOM/T and XOM/R readers can be used in autonomous mode with an integrated database, or as a part of a global dosimetry and human resource management.

KEY FEATURES

- Dosimetry management under NBC threat
- Individual and collective dosimetry
- Manage dosimetry in field conditions

Health Physics Division

XOM FUNCTIONAL CHARACTERISTICS

- Easy and simple man/machine interface
- Analysis of individual or collective radiological events
- Integrated data base allowing the management of 250 dosimeters / 200 persons / 50 groups
- Pass by data exchange (communication with dosimeters even when worn under suits)
- Large backlit display (4 lines x 40 characters)
- Can be operated while wearing an NBC suit (gloves)
- Rugged and reliable equipment
- RS-232 output for data transfers (NATO message or data exchange with DOSIXOM or DOSIDDEF software)
- Carried by a strap or handle
- NBC environment resistant
- Qualified to MIL-STD-810 and MIL-STD-461
- Operating temperature range: -30°C to +50°C (-22°F to +122°F) or -40°C to +50°C (-40°F to +122°F)
- Training mode available

ELECTRICAL CHARACTERISTICS

- Power supply:
- 4 batteries LiClO₂(C size)
- Direct connexion to vehicle: (12 Vdc to 32 Vdc)
- 110-230 VAC via AC/DC converter

MECHANICAL CHARACTERISTICS

- Dimensions: 220 x 270 x 70 mm (8.66 x 10.62 x 2.75 in)
- Weight: 2 kg (4.40 lbs)
- Provided in a qualified rugged transportation case



Portable reader/recorder for NBC dosimetry XOM/T



Collective unit

NATO supplier n° F8929 / NATO stock number / n° 6130 14 5117803

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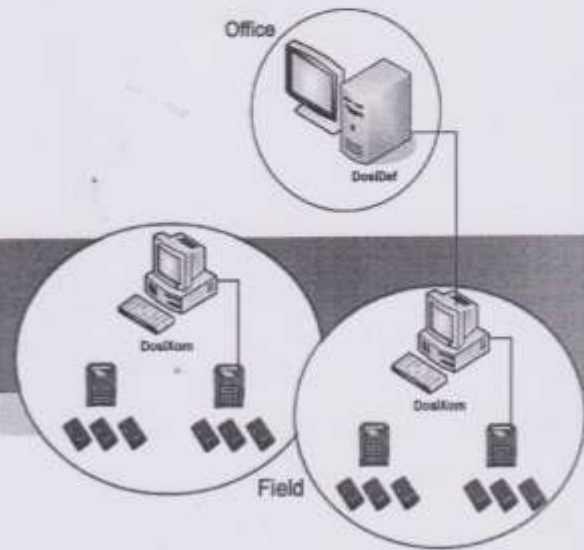
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14020EN-C1



DosiXom

Software for XOM Readers Data
Download and Management



Nuclear
Power



Healthcare



Homeland
Security
& Defense



Labs and
Education



Industrial and
Manufacturing

OVERVIEW

DosiXom extracts and stores XOM readers data. It can be used with several readers, it will keep track and sort data per reader. DosiXom allows backup of dosimeter events.

It can graphically display dosimeters historical data when read with the XOM reader. It can also be used to download into the readers pre-allocation lists in order to be more efficient in the field when assigning the dosimeters.

RELATED PRODUCTS

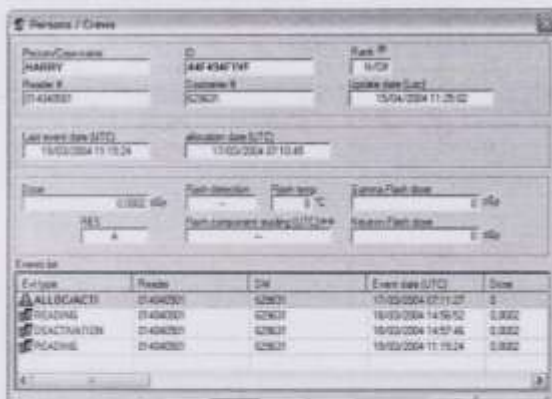
- SOR/T, SOR/R, DMC 2000 S dosimeters
- XOM/T and XOM/R readers
- DosiDef software

KEY FEATURES

- Collects, memorizes, organizes and synthesizes data from SOR dosimeters and XOM readers
- Reduces field workload
- Backs up the XOM data
- Embedded data base
- Stand-alone or connected to DosiDef

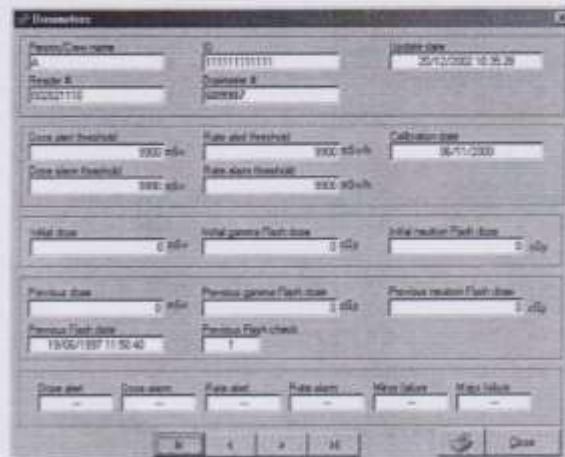
FUNCTIONAL CHARACTERISTICS

- Collects data from XOM
- Stores in local a database
- Displays in a convenient way:
 - Individual / cell data
 - List of events
- Readers and dosimeter data
- Highlights alarms or defects
- Displays dosimeter historical data
- Builds and loads pre-assignment lists into XOM
- Allows data transfer to DOSIDEF
- Includes reader test and maintenance features tool used to upgrade reader firmware



SYSTEM CONFIGURATION

- Windows systems (XP, vista and 7)
- Uses an embedded MS Access Database



MILITARY ORIENTED FEATURES

- Residual, gamma flash and neutron flash doses are processed
- Data can be collected any time when XOM reader is available
- Data includes each dosimeter reading by XOM readers with dosimeter alerts and alarms
- Alarms are highlighted in order to quickly find abnormal situations
- It can be integrated in a DosiDef architecture in order to centralize the information and to accept pre-allocation lists coming from the centralized system

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144647EN-E

TENDER No.....

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

To:

THE DIRECTOR OF PROCUREMENT
(SECTION P-32)
Through Bahria Gate
Near SNIDS Centre,
Naval Residential Complex, E-8,
Islamabad
Contact: Reception: 051-9262311
Bahria Gate: 331-5540649
Section: 051-9262302
Email: dpn@paknavy.gov.pk
adpn32@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 COPY OF DOCUMENT EMPOWERING HIM SO TO SIGN, IF CALLED UPON TO DO SO.
- (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)