

Government of India, Ministry of Home Affairs
Directorate General, National Disaster Response Force
(Procurement Cell)
A-Wing, Second Floor, Lok Nayak Bhawan
Khan Market, New Delhi-110003

T. E. NO. 1-17018/PROC/1314/HQ-NDRF/2016

Dated, the 21.07.2016

On behalf of the President of India, DG NDRF invites you to tender in two-bid system for the supply of 1570 NOS. WALKIE TALKIE VHF, 60 NOS AUTO REPEATER VHF & 233 NOS BASE STATION 25 W detailed in the schedule.

2. The complete Tender Set is available on CPPP e-procurement site <https://eprocure.gov.in/eprocure/app> as well as NDMA/NDRF AND CD web site www.ndma.gov.in & www.ndrfunded.gov.in. The tenderers can download the tender set from these web sites.
3. This tender enquiry has following Schedules and appendices:-

(I) SCHEDULES

- (i) Schedule-I = Condition of tender
- (ii) Schedule-II = Special instructions
- (iii) Schedule-III = List of stores
- (iv) Schedule-IV = List of consignee
- (v) Schedule-V = Specification
- (vi) Schedule -VI = Instruction for online Bid

Submission

(II) APPENDICES (to be filled by tenderer)

- (i) Appendix-1 = Offer of stores
- (ii) Appendix-2 = Details of firm
- (iii) Appendix-3 = Performance statement for last 3 years
- (iv) Appendix-4 = Proforma for equipment and quality control (Form 7) with Annex-4(A)
- (v) Appendix-5 (A&B) = Bank Guarantee Proforma for EMD/Bank Guarantee Proforma for performance Security.
- (vi) Appendix-06 = Guarantee / Warranty clause
- (vii) Appendix-7 = Check list of Tenderers
- (viii) Appendix-8 = Model ECS Mandate Format.

Enclose : Aforesaid schedules & enclosures.

Yours faithfully,

S. S. Guleria

DIG(Prov), NDRF

For and on behalf of the President of India

By: Inspector General

Copy to:-

1. Dy Director (Procurement) MHA, Procurement wing Jaisalmer House, N/D You are requested to check the particulars of the Director General (NDRF) within 10 days to this HQ for necessary action please. Also requested to float this tender enquiry on MHA website for wide publicity.
2. The Joint Advisor (Comm& IT), NDMA, N/Delhi You are requested to float this tender enquiry on NDMA website please. Soft copy enclosed.
3. SJ. In-charge (IT CELL) For info and n/a. Also upload the tender on NDRF website please.

CONDITION OF TENDER

1. All Tender documents attached with this invitation to tender including the specifications are SACROSANCT for considering any offer as complete offer. It is therefore important that Tender acceptance letter which is a written undertaking that all the terms & condition of the tender are understood and accepted should be signed and submitted in original and online through e-procurement site <https://eprocure.gov.in/eprocure/app>.

2. The conditions of contract, which will govern any contract made, are contained in the

- (i) Pamphlet No. DGS&D-39 titled "Conditions of Contract, governing contracts placed by the Central Purchase Organization of the Government of India" as amended up to date.
- (ii) Pamphlet No.DGS&D-229. [All condition of Rate Contract contained in Booklet of DGS&D – 229 will be applied in instant tender also].
- (iii) Any special conditions attached to this invitation of tender will also form the part of the conditions.
- (iv) DGS&D Form No.68 (Revised).

3. **Amendments:** The following amendments may be carried out in the Pamphlet entitled "Conditions of Contract Governing the contracts placed by Central Purchase Organization of Government of India" 1991 edition bearing Symbol DGS&D-39 form No.DGS&D-68 (Revised).

3.1 The definition of "Government" provided in clause 1 (f) page 2 of DGS&D Conditions of Contract may be amended as under: -

"Government" means the Central Government.

3.2 The definition of **Secretary** Clause 1 (k)-page 3 of DGS&D Conditions of Contract may be modified as under: -

"Secretary" means Secretary of Min. of Home Affairs for the time being in the administrative charge of the subject matter of contract and included Additional Secretary, Special Secretary, Joint Secretary, or Director or Dy. Secy. in such Ministry, Director General, Inspector General (NDRF).D.G (NDRF), of this Dte. and every other officer authorized for the time being to execute contracts relating to purchase and supply of stores on behalf of the President of India.

3.3 Under Clause 2 (c)-page 5 of DGS&D Conditions of contract, the word "Director General of Supplies & Disposals or heads of his concerned regional offices" may be replaced by **Director General (National Disaster Response Force), Ministry of Home Affairs.**

3.4. Clause 24 i.e. Arbitration: -

In the existing entries/clause 24 of DGS&D - 68 (Revised) substitute DG, NDRF for DG, DGS&D

- 3.5. Similarly, the reference to DGS&D wherever appearing may be suitably modified.
- 3.6. Following amendments may be carried out in the Pamphlet No DGS&D-229 containing various instructions to tenders.

Form NoDGS&D-230.

Reference to DGS&D wherever appearing in clause No14,33,34,35,39 and 40 and Appendix 'A' for Form No. DGS&D-96 may be amended to read as **Deputy Inspector General,NDRFHQrs, Ministry of Home Affairs.**

- 3.7 The above Pamphlet and the lists of corrections thereto can be obtained on payment from the under mentioned officers: -

The Manager of Publications, Civil Lines, Delhi.
The Superintendent, Government Printing & Stationery Allahabad, UP.
The Superintendent, Government Printing & Stationery, Mumbai.
The Superintendent, Government Press, Chennai.
The Superintendent, Government Printing & Stationery, Nagpur.
The Superintendent, Government Printing, Gulgargbag, Patna (Bihar). DGS&D.
New Delhi and its Regional offices at Mumbai, Chennai, Calcutta and Kanpur.
Government of India Book Depot, 8 Hastings Street, Calcutta.
Proc cell HQ DG NDRF, A-Wing, Second Floor, Lok Nayak Bhawan Khan Market, New Delhi-110003

4. If you are in a position to quote for supply in accordance with the requirements stated in the attached schedule to tender, all documents attached herewith should be duly filled in, signed and **submitted online through e-procurement site <https://eprocure.gov.in/eprocure/app>.**

5. PURCHASER'S DISCRETION

- (I) Director General NDRF reserves the right to cancel /reject any or all the tenders without assigning any reason.
- (ii) Director General NDRF reserves the right to increase or decrease the quantity at any stage without assigning any reason.
- (iii) DG reserves the right to change the consignees and allocation of quantities at any stage without assigning any reason.

6. REGISTRATION OF INDIAN AGENTS OF FOREIGN POLICY

- (i) The offers from the Indian agents of foreign principal, not enlisted with DGS&D for such products **EXCEPT PROHIBITED ITEMS** as per the Foreign Trade Policy of Govt of India under compulsory registration scheme of *Department of Expenditure, Ministry of Finance* on the date of opening of technical bids, will not be considered and will be ignored unless they enclose document showing that they have already applied for enlistment with DGS&D in their tender.
- (ii) However, offers from the Indian agents, who have applied to DGS&D for registration/enlistment before the time & date of opening of technical bid; such offers will be further processed if they can secure enlistment with DGS&D before opening of the Price Bids.

7. **TENDER COST**

- (i) Tenderers must enclose Demand Draft of tender cost in favour of **PAO, NDMA, New Delhi** payable at SBI New Delhi or any Nationalized Bank located in Delhi or New Delhi.
- (ii) Only SSI, Firms registered with NSIC or DGS&D are exempted from Tender Cost, However their registration must be valid on the Tender opening date.
- (iii) The tender received without the required Bank Draft (Tender Cost) will be liable for rejection.

8. **EARNEST MONEY**

- (a) All Firms who are not registered with NSIC or DGS&D for the subject stores for which the offers are being invited, are required to deposit **EARNEST MONEY (EM)** equivalent to the amount as mentioned in the tender schedule.
- (b) For claiming exemption from depositing earnest money, tenderer should be registered with DGS&D/NSIC for the subject stores for which the offers have been invited. Firms not registered for stores indicated in the tender schedule will be treated as unregistered, and shall be required to deposit specified **Earnest Money**. "Similarly, firms who are registered for the subject item with NSIC/DGS&D but with a certain monetary limit will be treated as unregistered for the tender value exceeding their monetary limit of registration. Such firm will be required to deposit earnest money proportionate to the value of EM exceeding monetary limit. If any such firms fails to deposit earnest money, its offer for the tender value in whole or the part exceeding its monetary limit is liable to be ignored."
- (c) **Earnest Money can be deposited in any one of the following alternate forms:-**
 - (i) A crossed **FDR** drawn in favour of **PAO, NDMA, New Delhi**. The draft should be payable at SBI (Safdarjung Enclave), New Delhi.
 - (ii) **An irrevocable Bank Guarantee (BG)** in the name of **PAO, NDMA, New Delhi - 110066** of any Nationalized/Scheduled. The Bank guarantee should be payable at SBI (Safdarjung Enclave), New Delhi. The format is as per **appendix-5(A)**.
 - (iii) The Earnest Money shall be valid and remain deposited with the purchaser for the prescribed period in schedule-II. If the validity of the tender is extended, the validity of **EM** document submitted by the tenderer shall also be suitably extended by the tenderer, failing which his tender after the expiry of the aforesaid period shall not be considered by the Purchaser.
- (d) No interest shall be payable by the purchaser on the **EM** deposited by
- (e) The **EM** deposited is liable to be forfeited if the Tenderer withdraws or amends/ impairs or derogates from the tender in any respect within the period of validity of his tender.
- (f) The **EM** of the successful Tenderer shall be returned after the performance security deposit as required in terms of the resulting contract is furnished by the firm.
- (g) If the successful Tenderer fails to furnish the Performance Security Deposit as required in the contract with in the contract within the stipulated period, the Earnest Money (EM) shall be liable to be forfeited by the purchaser.
- (h) **EM** of the unsuccessful Tenderers shall be returned within 30 days of finalization of tender. Tenderers are advised to send a pre-deposited challan along with their bids to facilitate refund of **Earnest Money** in time.

- (j) Any tender received from firm which is not registered with DGS&D or NSIC for the tendered stores, and is not accompanies with required earnest money in prescribed form, is liable to be rejected. Registration with any other authority will not exempt the Firm from depositing earnest Money.
- (k) Earnest money should be deposited in the form of, bank FDR or Bank guarantee in favour of **PAO, NDMA**, New Delhi. The FDR/BG should be payable at SBI (Safdarjung Enclave), New Delhi.
- (l) Public Sector undertaking or central /states owned companies are not exempted from the payment of earnest money unless registered with DGS&D / NSIC for subject stores.

9. PURCHASE PRICE PREFERENCE

The purchaser reserve the option to give a purchase / price preference to offers from public sector unit and SSI units over other firms in accordance with the policies of the Govt from time to time.

10. CAPACITYVERIFICATION

- (i) Tenderers must give capacity verification/ confirmation specific to this Tender to be got done from NSIC/DGS&D alongwith the technical bid. In case, such verification certificate is not submitted, offer would be liable for rejection.
- (ii) Tenderers must furnish complete details of their Plant and machinery on standard proforma enclosed with this TE irrespective of their registration status, and forward the same with their offer. Purchaser reserves the right to get the manufacturing capacity of any tenderer re-verified through the inspecting agencies / NDRC board of their registration status.

11. TWO BID SYSTEM

The offer has to comprise of two bids (in separate envelop). The two envelopes are to be enclosed in one envelope. The two bids are as following:-

- (a) **FIRST ENVELOPE (Technical Bid) should contain the following:**
 - 1. Documents to be submitted in original manually (to be dropped in the tender Box placed at Reception of Dte. Genl. NDRC) before the stipulated date and time of opening of tender.
 - i) Earnest Money (if applicable).
 - ii) Tender Cost (if applicable)
 - iii) Tender acceptance letter signed by witness & tenderer with seal.
 - iv) Technical details/leaflets/brochure of subject stores as per specification.
 - v) Pre Contract Integrity Pact completed and duly signed in duplicate.
 - 2. **Documents to be submitted online (scanned copies)**
 - i) Appendices (1 to 8) duly filled in along with Lab Test report (if applicable) from specified Lab and signed but without including the rates quoted.
 - ii) Any other relevant document which the firm wishes to submit.

(ii) Technical detail/ leaflets/ brochure of subject stores as per specifications.
(iii) Registration certificate of DGS&D/NSIC (if applicable)

(b) **SECOND ENVELOPE**(Commercial Bid) should contain the following:-

i) Price should be quoted as per price bid format alongwith tender documents at e-procurement site <https://eprocure.gov.in/eprocure/app>. The composite bid i.e. Rate indicated in the technical bid openly shall be ignored.

(c) **THIRD ENVELOPE** should contain the following:-

i) Only the technical bid and original documents received shall be opened on the date of tender opening. Price bids of only those firms will be considered for opening whose offer pass in all tender conditions and technical/physical (including field trial) evaluations.
ii) After opening of price bids, ranking statement will be prepared and finalization of tender will be done on L-1 (the least price) basis.

12. **PRICE**

(i) Prices should be quoted as per price bid format provided alongwith the tender document at e-procurement site <https://eprocure.gov.in/eprocure/app>. The price quoted should be on firm and fixed basis subject to no variation whatsoever during the currency of the contract.

13. **MINIMUM QUANTITY TO BE OFFERED**
Offer for less than the quantity stipulated in the tender shall be summarily rejected.

14. **TENDER SAMPLE**

(i) *Requirement of Tender sample: Tender sample is required alongwith offer/bid. Tenderer are requested to deposit 03 No of WALKIE TALKIE VHF, 01 No.- AUTO REPEATER VHF & 02 Nos BASE STATION 25 W FOR NDRE(all with allied accessories) on the date and time of opening of tender with DIG/NDRE, HQ DG NDRF, A-Wing, Second Floor, Lok Nayak Bhawan Khan Market, New Delhi-110003. In case tenderer fails to deposit tender on date and time of opening of tender offer/bid of the firm will be rejected. Physical evaluation of WALKIE TALKIE VHF, AUTO REPEATER VHF & BASE STATION 25 W will be carried out in respect of offers who complies with all the pre-qualification of tender conditions and qualify the technical evaluation only.*

(ii) *Tenderer is supposed to submit Lab test report on the parameter mentioned in Appx. Schedule- V (b), from the Govt accredited lab NABL or International laboratories accreditation Corporation (ILAC). The report must be enclosed with technical bid. In case offer is received without Lab report same will be rejected*

(iii) *The Lab Test Report should not be older than the date of issue of Tender Notice. The Lab Test Report obtained before issue of Tender Notice will not be considered*

(iv) *The purchaser also reserves the right to carry out the lab test of the samples submitted by the tenderer at any stage.*

(v) *Tender Sample should have cards affixed on it duly signed and stamped by the firm indicating the following:-*

- (a) Name and address of the firm.
- (b) Tender No. with date of opening
- (c) Name of item, item No & size

(vi) Tender sample should have card affixed duly signed and stamped by concerned lab issued the Lab Test Report of the intended tender sample otherwise the offer is liable for rejection.

(vii) **SAMPLES SENT ON BASIS "FREIGHT TO PAY" WILL NOT BE ACCEPTED:** Samples submitted by the tenderers whose offers are not accepted may be collected by their authorized representatives on requisition or hearing from this Dte. In case samples are not collected within given time, the samples will be disposed of.

15. **PACKING & MARKING:** as per clause 12 of the general condition of contract DGS&D- 68 (revised).

16. **DISPATCH INSTRUCTIONS AND DOCUMENTATION.**

The seller shall intimate to the purchaser, by telex or fax and speed post seven working days in advance, the mode of transport and probable date of delivery of consignment.

17. **SUPPLY/INSTALLATION OF ORDERED STORES**

(i) Bulk supplies in the case of successful Tenderers should conform to tender samples accepted in trial evaluation in all respect besides specifications mentioned in **Schedule-V**.

(ii) Tenderers will be fully responsible for proper installation, testing and making the equipment functional before acceptance of stores and the final settlement of account.

(iii) The Equipment should be BRAND NEW, Lot / Make/Model No. Batch No./ year of manufacturing name of manufacturer and other detail should be given. The original literature supplied with the item/eqpt should also be provided.

(vi) The successful bidder will provided 2 weeks free of cost training on handing, operation & repair of their radio sets

18. **EFFECTIVE DATE OF CONTRACT**

The time allowed for carrying out the supply will start from the day of issue of written orders for supply of store in accordance with the schedule indicated in the tender documents.

19. **RIGHT TO REJECTION**

(i) The decision of the DG NDRF shall be final as to the quality of the store and shall be binding upon the Tenderers and in case of any of the articles supplied not being found as per specification shall be liable to be rejected or replaced and any expenses or losses caused to the suppliers should be borne by the supplier and ensured by the supplier that articles supplied should be best in quality and free from all defects.

(ii) The acceptance of articles will be made only when the articles are inspected and found up to the standard specifications and free from all defects.
(iii) The rejected stores must be removed by the Tenderers from the consignee's premises within 15 days from the date of the intimation about rejection at the risk and cost of the Tenderer.

(iv) The In-charge stores concerned will take reasonable view of such materials but in no case shall be responsible for any loss, shortage, damage that may occur to it while it is in the premises of the consignee.

20. **PENALTY FOR DELAY IN SUPPLY AND LIQUIDATED DAMAGES:**

(i) Penalty *at* 0.5 % per week or part thereof of the contract value shall be levied for delay in supply subject to a maximum of 10% in the form of LD.

(ii) In case the firm does not complete the supply within the delivery period, action will be taken against the firm as per Para 15.7 of DGS&D Manual and Para 14.7(i) of Ministry of Commerce, Deptt. of Supply of the General condition of the contract.

21. **DELIVERY OF STORES**

(i) Firm should not deliver stores to consignee(s) beyond scheduled Delivery Period without obtaining prior sanction of purchaser.

(ii) In case, Firm deliver stores after scheduled Delivery Period, even if the stores are accepted by the consignee, it would be at the risk and cost of the seller as the supply may not be taken as contractually accepted.

22. **OPTION CLAUSE**

The Purchaser reserves the right to place order on the successful Tenderer for additional quantity up to 25% of the quantity offered by them at the time of placement of order or during the currency of the contract as per Clause 31 of Form DGS&D-68 (Revised).

23. **FALL CLAUSE**

Fall Clause will be applicable on this contract which is :-

(i) The price charged for the stores supplied under the contract by contractor shall in no event exceed the lowest price at which the contractor sells the stores or offer to sell store of identical description to any persons/ organization during the currency of this contract.

(ii) If at any time, during the said period the contract reduces the sale price, sells or offer to sell such store to any person/ organization at a price lower than the price chargeable under the contract, it shall forthwith notify such reduction or sale or offer of sale to the Director General, NDRF and the price payment.

24. **RISK PURCHASE CLAUSE**

In the event of failure of the supplier to deliver or dispatch the stores or provide the required services within the stipulated date/period of the supply order/AT, or in the event of breach of any of the terms and conditions of the AT, the purchaser will have the right to purchase the stores/services from elsewhere at the risk and cost of the

defaulting supplier after giving due notice to the defaulting supplier. The cost as per

Risk Purchase exercise may be recovered from the bills of the supplier pending with the supplier against any other supplies outside this contract or even from the bills with any other Government Department / Ministry

25. In the event of a contract being cancelled for any breach committed and the purchaser effecting re-purchase of the stores at the risk and the cost of the contractor, the purchaser is not bound to accept the lower offer of Benami or allied or sister concern of the contractor.
26. The purchaser reserves the option to give a purchase/ price preference to offers from public sector units and SSI units over other Firms in accordance with the policies of the Govt from time to time.

27. **PERFORMANCE SECURITY**

- (i) In terms of clause 7 of condition of contract DGS&D-68 (revised) all the successful Tenderers against the Tender Enquiry irrespective of their registration status with DGS&D and NSIC shall be required to furnish 10% amount of contract value as security deposit within 21 days of issue of contract for the due performance of the contract. It should be valid up to *60 days beyond the expiry of Warrantee/Guarantee period*. Bank Guarantee proforma is attached at Appendix-5(B).
- (ii) In case Performance Security is not deposited by the successful bidder within the stipulated time irrespective of any reason, after placing of AT / Supply order, EMD could be permanently forfeited and AT / Supply order would become liable for cancellation at the risk of the Firm. Foreign suppliers should also submit certificate/ report from the chamber of commerce of country of origin of the manufacturer indicating the technical, production and financial capabilities etc. of the manufacturer. In case, it is found that information furnished is incomplete or incorrect, their tender will be liable to be ignored.

28. **PERFORMANCE STATEMENT**

- (i) Tenderer should submit their performance statement in the enclosed proforma attached at Appendix – 3 of Tender Enquiry.
- (ii) The decision on the assessment of the past performance of the Tenderer by DG NDRF will be final.

29. **LAW GOVERNING THE CONTRACT**

- (i) This contract shall be governed by the laws of India for the time being in force. The contract shall be interpreted in accordance with these laws.
- (ii) **Jurisdiction of Court:** The Courts of the New Delhi shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.

30. **ARBITRATION**

- (i) Arbitration proceedings shall be held at New Delhi, India and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.
- (ii) In the case of dispute or difference arising between the purchaser and the supplier relating to any matter arising out of or connected with the contract, such

dispute or difference shall be settled in accordance with the Indian Arbitration and Conciliation Act, 1996.

(iii) Sole Arbitration will be by Secretary, Ministry of Home Affairs, Govt. of India or by some other person appointed by him. As provided in clause 24 of General Condition of Contract form DGS&D -68 Ministry of Commerce Department of supply.

31. PENALTY FOR USE OF UNDUE INFLUENCE

(i) The Seller undertakes that he has not given, offered or promised to give directly or indirectly any gift, consideration, reward, commission, fees brokerage of inducement to any person in service of the Purchaser or otherwise in procuring, the Contracts or Forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the Contract or any other Contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the Contract or any other Contract with the Government.

Any breach of the aforesaid undertaking by the seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the seller) or the commission of any offers by the seller or any one employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1947 or any other Act enacted for the prevention of corruption shall entitle the Purchaser to cancel the contract and all or any other contracts with the seller and recover from the seller the amount of any loss arising from such cancellation.

(ii) A decision of the Purchaser or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the seller.

(iii) Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the seller towards any officer/employee of the Purchaser or to any other person in a position to influence any officer/employee of the Purchaser for showing any favour in relation to this or any other contract, shall render the Seller or such liability/penalty as the Purchaser May deem proper including but not limited to termination of the contract, imposition of penalty damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Purchaser.

32. AGENT AND AGENCY COMMISSION

(i) The seller confirms and declares to the purchaser that the seller is the original manufacturer of the stores referred to in this contract and has not engaged any individual or firm, whether Indian or Foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of India or any of its functionaries, whether officially or unofficially, to award the contract to the seller, nor has any amount been paid, promised or intended to be paid to any such individual or firm irrespect of any such intercession, facilitation or recommendation.

(ii) The Seller agrees that if it is established at any time to the satisfaction of the purchaser that the present declaration is in any way incorrect or if at a later stage it is discovered by the purchaser that the seller has engaged any such individual / firm, and paid or intended to pay any amount gift, reward, fees, commission or consideration to such personal party, firm or institution, whether before or after the

signing of this contract the seller will be liable to refund that amount to the purchaser.

(iii) The purchaser will also have a right to consider cancellation of the contract either wholly or in part, without any entitlement or compensation to the seller who shall in such eventuality be liable to refund all payment made by the Buyer in terms of the contract along with interest at the rate of 2% per annum above **LABOUR** rate. The purchaser will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.

(iv) The seller will also be debarred from entering into any supply contract with the Government of India for a minimum period of five years.

33. ACCESS TO THE BOOKS OF ACCOUNT

In case it is found to the satisfaction of the purchaser that the seller has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agent / Agency Commission and penalty for use of undue influence, the Seller, on a specific request of the purchaser shall provide necessary information / inspection of the relevant financial documents / information.

34. PATENT AND OTHER INDUSTRIAL/INTELLECTUAL PROPERTY RIGHT

(i) The prices quoted in the present tender shall be deemed to include all amounts payable for the use of patents, copyright, registered charges, trademarks and payment

for any other industrial property rights.

(ii) The Tenderer shall indemnify the Purchaser against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or the use. The Tenderer shall be responsible for the completion of the supplies, irrespective of the fact of infringement of any or all the rights mentioned above.

35. TRANSFER AND SUB-LETTING

The Tenderer has no right to give, bargain, sell, assign or sublet or otherwise dispose of the resultant contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the resultant contract or any part thereof.

36. FORCE MAJEURE CLAUSE

If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed or *becomes impossible or unlawful* by reason of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to "events") provided, notice of the happening of any such event is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event, be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, and the decision of the Purchaser as to whether the deliveries have been so resumed or not, shall be final and conclusive, **PROVIDED FURTHER** that if the performance in whole or part or any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract is terminated under this clause, the purchaser shall be at liberty to take over from the contractor at a price to be fixed by the Purchaser, which shall be final, all unused, undamaged and acceptable

materials, bought out components and stores in course of manufacture in the possession of the contractor at the time of such termination or such portion thereof as the purchaser may deem fit excepting such materials, bought out components and stores as the contractor may with the concurrence of the purchaser elect to retain

37. **TERMINATION OF CONTRACT**

(i) Time shall be the essence of the contract.

(ii) The Purchaser shall have the right to terminate this Contract without any notice in part or in full in any of the following cases: -

a) The delivery of the material is delayed for causes not attributable to **Force Majeure** after the scheduled date of delivery.

b) The Seller is declared bankrupt or becomes insolvent.

c) The delivery material is delayed due to causes of **Force Majeure** by more than 60 days.

d) In case Performance Security is not furnished within the stipulated date from the date of issuing of AT.

38. **CORRESPONDENCE PROCEDURE**

(i) Any **Query /Clarification/ Representation** related to this Tender must be strictly be addressed to Dy Comdt (Proc), Proc Cell, HQ DG NDRF, A-Wing, Second Floor, Lok Nayak Bhawan Khan Market, New Delhi-110003, (Tele Fax No. 011- 24611518) only, till the issuance of A/T.

(ii) Tenderers are requested to write full name and designation of authorized signatory on all the correspondence to be made with the purchaser.

(iii) Firm should intimate any change in their Address/Telephone/Fax/e-mail immediately. The state of non-communication with firm at any stage will make the offer/contract liable for rejection and cancellation respectively.

39. **QUERY AND CLARIFICATIONS**

(i) In case of any contradiction noticed in this Tender Enquiry same be clarified within 07 days from the date of publication of tender on the website else decision/interpretation of NDRF in this regard would be final in all respect.

(ii) Queries/representations on Tender Enquiry received up to Pre-Bid meeting would only be entertained and considered. All queries and representations received after the date of Pre-Bid Meeting are liable to be ignored.

(iii) For any change in terms and condition of tender / tender specification, the Tenderers are requested to visit our websites www.ndma.gov.in & www.ndrfanded.gov.in and CPPP Portable regularly. Any changes /modifications in tender enquiry will be intimated through these websites only.

(iv) Tenderers are advised to visit above websites regularly to obtain updated information.

40. **EXEMPTION FROM DUTIES/TAXES**

(i) Customs and/ or any other exemption certificate will not be given unless applicable on production of Govt Notifications in this regard through a formal request from the Tenderers.

(ii) **Octroi and Local Taxes:** -As per para 10.17.3 of DGS&D Manual, In case where the Municipality or other local body insists upon payment of these duties or taxes the same should be paid by the contractor to avoid delay in supplies and possible demurrage charges. The receipt obtained for such payment should be forwarded to the

purchase officer concerned without delay together with a copy of the relevant act or bye-laws, notifications of the Municipality or the local body concerned bodies if admissible under the said acts or rules.

SUBMISSION OF TENDER

- (i) Offers should be submitted by tenderers cum manufacturers on the basis of free delivery up to consignee location.
- (ii) The Tenders should indicate the net prices as free delivery to consignee basis only.

-OR-

(iii) LATE TENDERS DUE TO ANY REASON WHATSOEVER WILL NOT BE CONSIDERED.

25/1/76
(S. S. Guturia)
DIG(Prov), NDRI
For and on behalf of the President of India
By Inspector General
Directorate General (NDRI)
Ministry of Home Affairs
New Delhi

SPECIAL INSTRUCTIONS

(If any instruction contained in this tender is contrary to instruction mentioned in special instructions, the special instruction will prevail.)

1. Time and date of receipt of Tender	:	<u>30th</u> Aug' 2016 at 1100 hrs
2. Time and date for opening of Tender	:	<u>30th</u> Aug' 2016 at 1130 hrs
3. Tender Cost	:	Rs. 1000/-
4. Store	:	1570 NOS. WALKIE TALKIE VHF, 60 NOS AUTO REPEATER VHF & 233 NOS BASE STATION 25 W
5. Quantity	:	1570 NOS. WALKIE TALKIE VHF, 60 NOS AUTO REPEATER VHF & 233 NOS BASE STATION 25 W
6. Validity of offer	:	06 Months (180 days) from date of opening of Tender.
7. INSPECTION	:	
(a) Authority	:	Director General, NDRF or his authorized representatives/ Agency. (Inspection Charges, if any, will be borne by the Tenderer).
(b) Survey/ Function Trial	:	<ul style="list-style-type: none"> (i) Survey and functional trial of the WALKIE TALKIE VHF, AUTO REPEATER VHF & BASE STATION 25 W will be carried out by a Board of Officers (BOO) detailed by DG NDRF. (ii) During Technical & Physical evaluation of these communication sets / equipment, all parameters of technical specifications will be examined in any lab. Thereafter BOOs will carry out field trial of these equipment in operational area. If sample of any firm fails at any stage of the technical /physical evaluations, the offer of the firm will be rejected. (iii) Alternatively at purchaser's option, money be refunded positively within 60 days of issue of notice of such rejection in case any payment is already made to the seller. (iv) The DG's right of rejection in this regard will be final and absolute.
8. Earnest Money	:	<ul style="list-style-type: none"> (i) Rs 17,35,200/- (Rupees Seventeen Lacs Thirty Five Thousand Two Hundred) only with 06 Months validity from date of opening of Tender. (ii) In case, EMD is furnished in the form of BG/FDR then it should be valid for 7 months 15 days from the date of opening of Tender.
9. Terms of Delivery	:	Free delivery to consignee basis.
10. Delivery period	:	<p>06 Months from the date of issue of AT.</p> <p>[i] No lead time will be given.</p>

[ii] No grace period will be given.

11. **Payment Terms** 100% payment will be released on receipt of stores in good condition and survey at consignee(s) locations.

12. **Eligibility Criteria** :

- (i) Only those firms are eligible who are the Manufacturer or Authorized Dealer/ Distributor of the stores specified.
- (ii) The firm concerned should have demonstrated track record of supplying of above store in last three years.
- (iii) Authorized dealer/distributors should attach certificate of Authorized Dealership/ distributor along with their bid.
- (iv) Certificate of Authorized Dealership/ Distributorship must be valid at least for 01 year from the date of opening of the Tender.

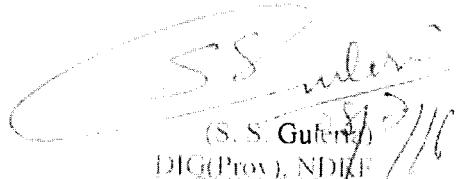
13. **Guarantee/Warranty** :

- (i) As per appendix-6 of TE.
- (ii) Guarantee/ Warranty period will start from the date of acceptance of stores in full and final quantity in satisfactory condition after due inspection and / or on successful installation and commission as applicable.

14. **Pre-bid conference** :

- (i) It will be held on 03rd Aug' 2016 at 1200 hrs. at Conference Room, HQ DG NDRF, A-Wing, Second Floor, Lok Nayak Bhawan Khan Market, New Delhi-110003.
- (ii) In case of any objection/ suggestion in tender QRs/ Specifications bidder should come along with sample equipment to demonstrate the sample in Pre Bid conference or give proper presentation / literature in their support.

15. All tests and trials will be carried out to the entire satisfaction of the Owner/ Purchaser.



(S. S. Gulati)
DIG(Prov), NDIF
For and on behalf of the President of India
by his Secretary

LIST OF STORES

SN	DESCRIPTION OF STORES	Qty	Specifications and Trial Directive
01.	1-5Watt (Programmable>Selectable) RF output Digital VHF Tranceiver based on DMR(TDMA) technology, with 7.4V, 2000 mAH or more Li-ion Bateriy pack with spring loaded belt clip, Rugged Flexible Helical Antenna, Single unit smart charger, Inbuilt Support GPS & user Manual.	1570 Nos.	As per schedule-V
02.	7.4V 2000 mAH or more Li-ion Battery packs	3140 Nos	
03.	Programming Cable and Software for 1/5 Watt radio set.	72 Nos	
04.	Technical Service Manual for 1/5W radio set	72 Nos	
05.	25Watt (Programmable>Selectable) RF output Digital VHF Trans-receiver based on DMR(TDMA) technology with DTMF micro phone, battery cable, mounting fixtures, support GPS & user manual	233 Nos	As per schedule-V
06.	6dB gain Omni directional antenna with 30 meter low loss RF cable for base station	72 Nos	
07.	Programming cable and software for 25Watt radio set	72 Nos	
08.	Technical Service Manual for 25Watt radio set.	72 Nos	
09.	Digital VHF Auto repeater 25 Watt (Programmable>Selectable) RF output Digital VHF Trans-receiver based on DMR (TDMA) technology with micro phone battery cable, mounting fixtures, support GPS & user manual	60 Nos	As per schedule-V
10.	6 dB gain Omni directional antenna with 30 meter low loss RF cable for base station	60 Nos	
11.	Programming cable and software for 25 Watt radio set	12 Nos	
12.	Technical Service Manual for 25 Watt radio set.	12 Nos	

For and on behalf of the President of India
 (S. S. Gulati)
 DIG(Prov), NDR
 Dy. Inspector Gen.

Directorate General
 Ministry of Home Affairs
 New Delhi

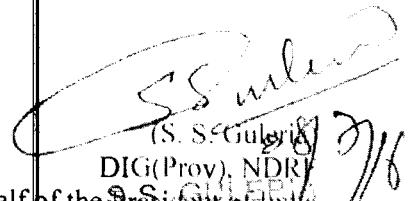
SCHEDULE-IV

LIST OF CONSIGNEES

NAME & ADDRESS OF CONSIGNEE AND QUANTITY

SN	ADDRESS OF CONSIGNEE	QTY (UNDER NECP PH-II)	QTY (UNDER DM EQPT.)
01	COMMANDANT 01 BNNDRF, PAIGAON, PO- AZARA, GUWAHATI (ASSAM), DISTT- KAMRUP, PIN-781017	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	106 NOS WALKIE TALKIE VHF, 21 NOS BASE STATION 25 W
02	COMMANDANT 02 BNNDRF, RR I CAMP HARINGHATA Post : MOHAN PUR ,DISTT : NADIA WB 741246 R/STN- KACHRAPARA	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	44 NOS WALKIE TALKIE VHF
03	COMMANDANT 03 BNNDRF, MUNDALI, POST : MUNDALI, DISTT-CUTTACK,(ORISSA) R/STN- CUTTACK	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	118 NOS WALKIE TALKIE VHF, 24 NOS BASE STATION 25 W
04	COMMANDANT 04 BNNDRF, ARAKKONAM, POSTSURAKSHA CAMPUS DISTT- VELLORE (TN) R/STN-RAKKONAM	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	91 NOS WALKIE TALKIE VHF, 24 NOS BASE STATION 25 W
05	COMMANDANT 05 BNNDRF, SUDAMBRE (NEAR CHAKAN)PO. SUDAMBRE, PUNE - (MAHARASTRA) R/STN - TALEGAON,	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	93 NOS WALKIE TALKIE VHF, 24 NOS BASE STATION 25 W
06	COMMANDANT 06 BNNDRF, JHARODCAMP,VILL: JHARODIAPURA,PS + TEHSIL: WAGHODIYADISTT : VADODRA (GUJARAT)- R/STN- VADODRA	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPLATER VHF 3 NOS BASE STATION 25 W	100 NOS WALKIE TALKIE VHF, 24NOS BASE STATION 25 W
07	COMMANDANT 07 BNNDRF, POST BOX-81, BIBIWALA ROAD, DISTT- BHATINDA (PUNJAB) R/STN : BHATINDA (PUNJAB)	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	31 NOS WALKIE TALKIE VHF, 24 NOS BASE STATION 25 W
08	COMMANDANT 08 BNNDRF, KAMLA NEHRU MARKET, SECTOR-19,GHAZIABAD (UP) NRS. GHAZIABAD	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	60 NOS WALKIE TALKIE VHF, 24 NOS BASE STATION 25 W
09	COMMANDANT 09 BNNDRF, NH-30, ARA ROAD BIHTA, PATNA (BIHAR).NRS : BIHTA	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	85 NOS WALKIE TALKIE VHF, 5 NOS BASE STATION 25 W
10	COMMANDANT 10 BNNDRF, ACHARYANAGARJUNA UNIVERSITY CAMPUS PO- NAGARJUNA NAGAR, DISTT. GUNTUR, AP-522510	50 NOS WALKIE TALKIE VHF, 6 NOS AUTO REPEATER VHF 3 NOS BASE STATION 25 W	65 NOS WALKIE TALKIE VHF,

11	ASSTT. COMMANDANT (PROV/NECP) HQ DG NDRF, LEVEL - VII, EAST BLOCK - 7, SECTOR - 1, R K PURAM, NEW DELHI	4 NOS BASE STATION 25 W	
12	THE COMMANDANT, 11 TH BN NDRF, GAUTAM BUDH BHAWAN, MAQBOOL ALAM RAOD, VARANASI, UP 221002		31 NOS WALKIE TALKIE VHF. 2 NOS BASE STATION 25 W
13	THE COMMANDANT, 12 TH BN NDRF, VPO - DOIMUKH, DISTT. PAPUM PARE, ARUNACHAL PRADESH 791112	--	46 NOS WALKIE TALKIE VHF. 7 NOS BASE STATION 25 W
	Total	500 NOS WALKIE TALKIE VHF, 60 NOS AUTO REPEATER VHF 34 NOS BASE STATION 25 W	1070 NOS WALKIE TALKIE VHF, 233 NOS BASE STATION 25 W
	Grand Total	1570 NOS WALKIE TALKIE VHF, 60 NOS AUTO REPEATER VHF 233 NOS BASE STATION 25 W	


 (S. S. Gulati) 2/6
 DIG(Prov), NDRF
 For and on behalf of the President of India
 Dy. Inspector General
 Directorate General (NDRF)
 Ministry of Home Affairs
 New Delhi

SCHEDULE-V

QRS/SPECIFICATION OF DIGITAL VHF HAND HELD TRANS RECEIVER SET

S/NO	PARAMETER	SPECIFICATION
1	General	
	i) Frequency Range	136 -174 MHz (Full band)
	ii) No of Channel	255 or higher
	iii) Channel spacing	12.5 KHz or better
	iv) Frequency stability	+ 1.5 PPM or better
	v) Protocol & Technology	Digital TDMA (DMR) Technology
	vi) Type of Emission (Modulation)	Analog : 11K0F3E Digital : 4FSK or equivalent technique complying to open standard / nonproprietary Digital Protocol as defined by an international standard body like ETSI/FCC etc.
	vii) Type of operation	Simplex, press to talk
	viii) Type of Antenna	Rugged flexible Helical antenna
	ix) Weight	Less than 450 gm with battery
	x) Power source	Lithium-ion battery pack of 2000 mAH or more capacity with belt clips.
	xi) Protection	(i) Reverse polarity protection (ii) Protection against high VSWR
2	Transmitter	
	i) RF Power output	1 / 5 Watts (Programmable / Selectable)
	ii) FM Hum & Noise	-40 dB or better
	iii) Modulation Limiting	+ 2.5 KHz @ 12.5 KHz
	iv) Adjacent Channel Power	-60 dB or better
	v) Audio Distortion	Less than 3%
3	Receiver	
	i) Sensitivity	i) Analog :- 0.30 μ V (12 dB SINAD) or better ii) Digital :- 0.30 μ V at 5% BER or better
	ii) Selectivity (Adjacent Channel)	60 dB or better
	iii) Inter-modulation	60 dB or better
	iv) Audio output	500 mW
	v) Audio Response	+1,-3 dB
	vi) Rated Audio Distortion	Less than 3%
4	ENVIRONMENTAL SPECIFICATION	
	i) Operating Temperature	-30 $^{\circ}$ C to +60 $^{\circ}$ C
	ii) Storage Temperature	-40 $^{\circ}$ C to +70 $^{\circ}$ C
	iii) Humidity	Max. 95% @ +40 $^{\circ}$ C non-condensing
	iv) Environmental standard (i.e) Low & High Temperature, Low pressure, Temperature Shock, Solar Radiation, Rain, Salt Fog, Vibration, Dust & Shock	MIL-STD-810 C,D,E,F
	v) Dust & water Intrusion	IP 57 or better

5	Accessories	
	i) Battery Charger	Single unit smart charger
	ii) Hands free Kit (VOX unit with PTT) (optional)	The vendor should provide minimum of two variants for trials.
	iii) Programming kit	All necessary software and hardware required for programming of the set.
	iv) Literature	i) User's manual with each radio sets should be provided free of cost in soft as well as hard copy. ii) Technical repairing manual with complete block diagram, circuit layout etc should be provided as per users requirement in soft as well as hard copy.
	v) Battery	Two extra Lithium -ion or Ni-Mh or Li-polymer batteries with each Radio Set.
6	Configuration	
	i) Caller ID display	Should be available
	ii) Facility for locking the channel or key pad locking	Should be available
	iii) Scan with priority	Should be available
	iv) Transmitter Time Out Timer (TOT)	The time should be programmed to best suit the application
	v) LCD display	Should be available
	vi) Mode of calls	Selective Call, Group Call, Inter and Intra Group call facility
	vii) Remote Radio Kill / Stun / Revive facility	Should be available
	viii) Mode of operation	Radio should operate in analog mode and digital mode. (Compatible with existing all type of VHF analogue radio sets viz : Motorola, Icom, Kenwood, Vertex etc.)
	ix) Emergency Button	Allows user to obtain help in critical situations.
	x) SMS Texting	Should be capable of sending pre-defined messages & short messages from keypads as Optional.
	xi) Programming	Front panel programming with password protection or PC programming.
	xii) DTMF front panel key pad with back lit	Should be available
	xiii) Battery strength bar	Should be available
	xiv) Support GPS	Inbuilt GPS system with accuracy of less than 10 meters (Optional – As per user requirement)
	xv) Networking	Should be IP based for automatic roaming etc. (Optional – As per user requirement)

**QRS/SPECIFICATION OF VHF DIGITAL MOBILE/BASE
TRANS RECEIVER SET**

S/NO	PARAMETER	SPECIFICATION
1	General	
	i) Frequency Range	136 - 174 MHz (Full band)
	ii) No of Channel Capacity	255 or higher
	iii) Channel spacing	12.5 KHz or better
	iv) Frequency stability	+ 1.5 PPM or better
	v) Protocol & Technology	Digital TDMA(DMR) Technology
	vi) Type of Emission (Modulation)	Analog : 11K0F3E Digital : 4FSK or equivalent technique complying to open standard / nonproprietary Digital Protocol as defined by international standard body like ETSI/PCC etc.
	vii) Type of operation	Simplex, press to talk
	viii) Weight	Less than 2000 gms
	ix) Power source	13.8 Volt DC + 15%
	x) Protection	(i) Reverse polarity protection (ii) Protection against high VSWR
2	Transmitter	
	i) RF Power output	25 Watts (programmable / Selectable)
	ii) FM Hum & Noise	-40 dB or better
	iii) Modulation Limiting	+ 2.5 KHz @ 12.5 KHz
	iv) Adjacent Channel Power	-60 dB or better
	v) Audio Distortion	Less than 3%
3	Receiver	
	i) Sensitivity	i) Analog :- 0.30 μ V (12 dB SINAD) or better ii) Digital :- 0.30 μ V at 5% BER or better
	ii) Selectivity (Adjacent Channel)	60 dB or better
	iii) Inter-modulation	70 dB or better
	iv) Audio output	3 W or more
	v) Audio Response	+1,-3 dB
	vi) Rated Audio Distortion	Less than 3%
4	ENVIRONMENTAL SPECIFICATION	
	i) Operating Temperature	-30 $^{\circ}$ C to +60 $^{\circ}$ C
	ii) Storage Temperature	-40 $^{\circ}$ C to +70 $^{\circ}$ C
	iii) Humidity	Max. 95% @ +40 $^{\circ}$ C non-condensing
	iv) Environmental standard (i.e) Low & High Temperature, Low pressure, Temperature Shock, Solar Radiation, Rain, Salt Fog, Vibration, Dust & Shock	As per MIL-STD-810 C.D.E.F
	v) Dust & water Intrusion	IP 54 or better

5	Accessories i) Microphone ii) Battery cable & Mounting fixtures iii) Antenna iv) Programming kit vii) Literature	DTMF Microphone should be supplied with Radio Should be supplied with Radio i) 3dB gain whip antenna with 3 meters, Co-axial cable with connector, magnetic base / mounting bracket for vehicle use will be provided as per user's requirements. ii) 6dB gain Omni Directional antenna with 30 meter RF Cable for base station will be provided as per user's requirements. All necessary software and hardware required for programming of the radio set.
6	Configuration i) Caller ID display ii) Busy channel lock out iii) Scan with priority iv) Transmitter Time Out Timer (TOT) v) LCD display vi) Mode of calls vii) Remote Radio Kill / Stun / Revive facility viii) Mode of operation ix) Emergency Button x) SMS Texting xi) Programming xii) Support GPS xiii) Networking	Should be available Should be available Should be available The time should be programmed to best suit the application Should be available Selective Call, Group Call, Inter and Intra Group call facility Should be available Radio should operate in analog mode and digital mode. (Compatible with existing all type of VHF analogue radio sets viz : Motorola, Icom, Kenwood, Vertex etc.) Allows a user to obtain help in critical situations. Should be capable of sending pre-defined messages & short messages from keypads as Optional. Front panel programming with password protection or PC programming. Inbuilt GPS system with accuracy of less than 10 meters (Optional – As per user requirement) Should be IP based for automatic roaming etc.

QRS/SPECIFICATION OF DIGITAL VHF REPEATER SET

S/NO	PARAMETER	SPECIFICATION
1	General	
	i) Frequency Range	136 - 174 MHz (Full band)
	ii) No of Channel Capacity	16 or more
	iii) Channel spacing	12.5 KHz or better
	iv) Frequency stability	+ 1.5 PPM or better
	v) Protocol & Technology	Digital TDMA (DMR) Technology
	vi) Type of Emission (Modulation)	Analog : 11K0F3E Digital : 4FSK or equivalent technique complying to open standard / nonproprietary Digital Protocol as defined by an international standard body like ETSI/FCC etc.
	vii) Weight	Less than 15 Kg
	viii) Power source	i) 13.8 Volt DC \pm 15% ii) AC – 230 Volt \pm 15%, 50Hz iii) There should be provision to shift automatically on DC supply during mains failure & when mains supply restored it should be shifted on mains from DC supply
	ix) Protection	(i) Reverse polarity protection (ii) Protection against high VSWR
2	Transmitter	
	i) RF Power output	45 Watt or more (programmable / Selectable)
	ii) FM Hum & Noise	-40 dB or better
	iii) Modulation Limiting	+ 2.5 KHz @ 12.5 KHz
	iv) Adjacent Channel Power	-60 dB or better
	v) Audio Distortion	Less than 3%
3	Receiver	
	i) Sensitivity	i) Analog :- 0.30 μ V (12 dB SINAD) or better ii) Digital :- 0.30 μ V at 5% BER or better
	ii) Selectivity (Adjacent Channel)	60 dB or better
	iii) Inter-modulation	70 dB or better
	iv) Audio Response	+1,-3 dB
	v) Rated Audio Distortion	Less than 3%
4	ENVIRONMENTAL SPECIFICATION	
	i) Operating Temperature	-30 $^{\circ}$ C to +60 $^{\circ}$ C
	ii) Storage Temperature	-40 $^{\circ}$ C to +70 $^{\circ}$ C
	iii) Humidity	Max. 95% @ +40 $^{\circ}$ C non-condensing
5	Networking	Should be capable to support IP site connects
6	Interfaces	Ethernet port RJ-45 to provide a) Wide area IP connectivity for Voice and Data. b) Remote monitoring and status check.

Accessories		
i) Battery cable & Mounting fixtures		Should be supplied with Repeater
ii) Antenna		i) 3dB/6dB gain Omni directional antenna with 45 meter RF Cable RG-217 for base station will be provided as per user's requirements.
iii) Programming kit		All necessary software and hardware required for programming of the radio sets.
iv) Literature		i) User's manual with each radio sets should be provided free of cost in soft as well as hard copy. ii) Technical repairing manual with complete block diagram in soft as well as hard copy.

NOTE TO BE TENDERER

01	The tenderer shall indicate the make/model in their offer.
02	The tenderer shall furnish the clause by clause compliance statement. In case there is any deviation the same should be clearly brought out in the offer.
03	If above equipment/machine requires specific training for operating them, the tenderers should ensure that proper training on operations and its maintenance is provided to each consignees.
04	The confirmation that the stores are meeting the specification should be supported by documents/literature etc.
05	These documents of all stores offered be numbered and attached after all appendices and the numbering may be in continuation.
06	All bidders are directed to submit the required certificate i.e. BIS/ISI Mark to check the standard of items.

S. S. Galera
(S. S. Galera)
DIG(Prov), NDRI
For and on behalf of the President of India
Dy. Inspector
Directorate General
Ministry of Home Affairs
New Delhi

INSTRUCTIONS FOR ONLINE BID SUBMISSION**Instructions for Online Bid Submission**

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:<https://eprocure.gov.in/eprocure/app>) by clicking on the link “Click here to Enroll” on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (i.g.Sify/ TCS/nCode/eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID/ password and the password of the DSC/ e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc, to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in , they may download the required documents/tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder, this would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of cover in which the bid documents have to be submitted.

the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document /schedule and generally, they can be in PDF/ XLS /RAR/ DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN Card Copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that he /she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the Tender Processing Section, latest by the last date of bid submission. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) A standard BoQ(Price Bid) format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ (Price Bid) file, open it and complete with their respective financial quotes and other details (such as name of the bidder). Once the details have been completed, the bidder should scan it and submit it online as Price Bid format. If the BoQ (Price Bid) file is found to be modified by the bidder, the bid will be rejected.
- 6) The serve time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24 x 7 CPPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

FORM - 68-A

Full name and address of the Tenderer in addition to post Box No., if any, should be quoted in all communications to this office

From:

TENDER NO. _____

Dear Sir,

I/We hereby offer to supply the stores detailed in the schedule hereto or such portion thereof as you may specify in the acceptance of Tender at the price given in the said schedule and agree to hold this offer open till _____. I/We shall be bound by a communication of acceptance within the prescribed time.

2. I/We have understood all the instructions to Tenderers in the Tender Enquiry and have thoroughly examined the specification drawing and/or pattern 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. I have understood all the tender condition in the Tender Enquiry and will comply with them.

4. All the appendices from 1 to 6 & 8 to 09 in Technical bid envelope & appendices no 7 in price bid envelope have been submitted duly filled in & signed.

5. The following pages from page No.1 to Page No. _____ have been added to and will form the part of this tender.

Yours faithfully

SIGNATURE OF TENDERER)
ADDRESS _____

DATED _____

SIGNATURE OF WITNESS

ADDRESS _____
DATED _____

DETAILS OF MANUFACTURER/FIRM

(a) Name

(b) Office

- (i) Address
- (ii) Telephone
- Land line
- Mobile
- (iii) Fax
- (iv) e-mail

(c) Works

- (i) Address
- (ii) Telephone
- (iii) Fax

(d) Contact person including name of Head of Firm as well as of Board of Director

- (i) Name
- (ii) Designation
- (iii) Telephone
- Land line
- Mobile
- (iv) Fax
- (v) e-mail

(e) supporting authorization documents (kindly attach)

2. Details and Address of Subsidiary Office(s)

3 In case of foreign firm, contact person in Delhi/ India.

(a) Name

(b) Address

(c) Name of company

(d) Telephone

Land Line

Mobile

(e) e-mail

(f) Fax

(g) Certificate of Authorized distributor/dealer

(Kindly attach)

4. Please confirm that you have offered packing as per tender enquiry requirements. If not indicate deviations.

5. Gross weight of consignment. (Net weight of each item)

6. PAN
Confirm whether you have attached photocopy of PAN Card duly attested.

7. Status

Indicate whether you are LSU or SSI.

Are you registered with DGS&D for the item quoted? If so, indicate whether there is any monetary limit on registration.

If you are a Small Scale Unit registered with NSIC under Single Point Registration Scheme, whether there is any monetary limit.

In case you are registered with NSIC under Single Point Registration Scheme for the item quoted, confirm whether you have attached an attested photocopy of the registration certificate indicating the items for which you are registered.

8. Banker:-

- (a) Name :
- (b) Address :
- (c) Telephone :
- (d) e-mail :
- (e) Fax :

9. Business name and Constitution of the firm. Is the firm registered under :-

- (i) The Indian Companies Act, 1956

(ii) The Indian Partnership Act.1932. (Please also give name of partners)

(iii) Any Act; if not, who are the owners. (Please give full names and address.)

10. Whether the tendering firm is Manufacturer of the store specified in the tender.

11. (a) If stores offered are manufactured in India, please state whether all the raw materials, components etc used in their manufacturing are also produced in India. If not give details of materials components etc, that are Imported and their break up of the Indigenous and Imported components together with their value and proportion it bears to the total value of the store should also be given.

(b) Authorized Dealers/Distributors to specify the details of indigenous and imported material with their value.

12. State whether raw materials held in stock sufficient for the manufacture of the stores.

13. Please indicate the stocks in hand at present time.:

(i) Held by you against this Enquiry.

(ii) Held by M/s _____ over which you have secured an option.

14. Do you agree to Sole Arbitration by Secretary Ministry of Home Affairs or by some other person appointed by him as provided in Clause 24 of the General Conditions of Contract form DGS&D-68 (Revised) (Your acceptance of non-acceptance of this clause will not influence the decision of the tender. It should, however, be noted that an omission to answer the above question will be deemed as an acceptance of the Clause.)

15. For Partnership firms state whether they are registered or not registered

under Indian Partnership Act, 1932. Should the answer to this question by a Partnership firm be in the affirmative, please state further:-

- (a) Whether by the partnership agreement, authority to refer disputes concerning the business of the partnership to arbitration has been conferred on the partner who has signed the tender.
- (b) If the answer to (a) is in the negative, whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed the tender to refer dispute concerning business of the partnership to arbitration.
- (c) If the answer to either (a) or (b) is in the affirmative, furnish a copy of either the partnership agreement or the general power of attorney as the case may be.

N.B.: (1) Attach to the tender a copy of either document on which reliance is placed for authority of partners or the partner signing the tender to refer disputes to arbitration. The copy should be attested by a Notary Public or its execution should be admitted by Affidavit on a properly stamped paper by all the partners.

(2) Where authority to refer disputes to arbitration has not been given to the partner signing the tender the tenders must be signed by every partner of the firm.

16. Here state specifically:

- (i) Whether the price tendered by you is to the best of your knowledge and belief, not more than the price usually

charged by you for stores of same nature/class or description to any private purchaser either foreign or as well as Govt. purchaser. If not state the reasons thereof if any. Also indicate the margin of difference.

(ii) In respect of indigenous items for which there is a controlled price fixed by law, the price quoted shall not be higher than the controlled price, and if the price quoted exceeds the controlled price the reasons thereof should be stated.

18. Are you.

(i) Holding valid Industrial Licence(s)/Registration Certificate under the Industrial Development and Regulation Act, 1981. If so, please give particulars of Industrial Income Registration Certificate.

(ii) Exempted from the licensing Provision of the Act for the manufacture of item quoted against this tender. If so, please quote relevant orders and explain your position.

(iii) Whether you possess the requisite licence for manufacture of the stores and/or for the procurement of raw materials belonging to any controlled category required for the manufacture of the store? In the absence of any reply it would be assumed that no licence is required for the purpose of raw materials and/or that you possess the required licence.

18. State whether business dealings with you have

been banned by
Min./Dept. of Supply/Min.
of Home Affairs?

19. *Have your Firm ever been black listed or debarred by any Govt or Semi Govt or Autonomous bodies.*

20. Confirm that you have read all the instructions carefully and have complied with them accordingly.

21. Sale Tax office Address.

22. Details of last income Tax return (Enclose copy)

23. Name and details of Authorized Person detailed For dealing this case with NDRF for this Tender (Photo Copy of I-Card to be attached)

24. Change of name of the Firm, if any, since origin, with date and reasons there of :

25. Details of FIR / Complaint lodged against your firm with police, if any:

26. Income Tax office Address.

Signature of Witness:	Signature of Tenderer:
Full name (Block letters)	(1) Full name (Block letters).
Address:-	(2) Address
	(2) Whether signing as Proprietor/ Partner/ Constituted Attorney/ duly authorized by the Company.

N.B:- Tenderers should furnish specific answers to all the questions. Tenderers may please note that if the answers so furnished are not clear and/or are evasive, the tender will be liable to be ignored

PERFORMANCE STATEMENT FOR LAST THREE YEARS

1. Name of Firm _____
2. Details of orders executed/completed in last 03 years:-

NB:- Proforma given below be properly filled with correct details, else all supporting documents are liable to be treated as invalid and Bids may become liable for rejection.

3. Year of Origin of Firm : _____

4. Yearly Turn over : _____

5. Yearly manufacturing capacity in Quantitative terms : _____

6. Present contracts in hand with quantity and delivery period details : _____

7. Supporting documents, like copies of supply order, Inspection /JRI/ note, etc for executed orders.

FORM -7PROFORMA FOR EQUIPMENT AND QUALITY CONTROL

(THIS PROFORMA IS REQUIRED TO BE SUBMITTED IN DUPLICATE)

Tender No. & Date _____ for the supply of _____

1. Details of firm

(a) Name :
 (i) Office :
 (ii) Address :
 (iii) Telephone :
 (iv) Fax :
 (v) e-mail :
 (vi) Mobile No. :
 (b) Works :
 (i) Address :
 (ii) Telephone :
 (iii) Fax :
 (iv) e-mail :
 (v) Mobile No. :

2. Location of manufacturing works/factory. Factories owned by you (Documentary). In case you do not own the factory but utilise the factory of some other firm for the manufacture/ fabrication of the stores for which you apply for registration on lease or other base you should furnish a valid legal agreement of the factory of

(here indicate the name of the firm whose factory is being utilised) has been put at your disposal for the manufacture /fabrication of the stores for which registration has been applied for.

3. Details of plant and machinery erected and functioning in each department (Monograms and descriptive Pamphlets should be supplied, if available).

4. Whether the process of manufacture in factory is carried out with the aid of power or without it.

5. Details and stocks of raw material held (state whether imported or indigenous) against each item.

6. Production capacity of each item with the existing plant & machinery:

- (a) Normal
- (b) Maximum

7. Details of arrangements for quality control of products such as laboratory etc.

8. (a) Details of Technical/ Supervisory Staff incharge of production & Quality control.

- (b) Skilled labour employed.
- (c) Unskilled labour

Employed.

- (d) Maximum No. of workers (Skilled & Unskilled) employed on any day during the 18 months preceding the date of application.

PLACE : _____

DATE : _____

SIGNATURE OF THE TENDERER

Designation _____

Company/ Firm _____

N.B.: (1) Details under column 5 to 10 inclusive need to be restricted to the extent they pertain to the item(s) under reference.

ANNEXURE "A" TO APPENDIX-4

**MANUFACTURER WILL PROVIDE LIST OF MACHINERY INSTALLED IN
THEIR FACTORY FOR MANUFACTURING THIS ITEM**

BANK GUARANTEE FORMAT FOR FURNISHING EMD

To

PAO, NDMA
A-1, Safdarjung Enclave
New Delhi

Whereas

(hereinafter called the "tenderer") has submitted their offer dated..... for the supply of..... (hereinafter called the "tender") against the purchaser's tender enquiry No..... KNOW ALL MEN by these presents that WE..... of..... having our registered office at..... are bound unto.....(hereinafter called the "Purchaser) in the sum of..... for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this..... day of..... 2013/14.

THE CONDITIONS OF THIS OBLIGATION ARE:

- (1) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
 - a) If the tenderer fails to furnish the Performance Security for the due performance of the contract.
 - b) Fails or refuses to accept/ execute the contract.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force upto and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch

BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To

The PAO NDMA
A-1, Safdarjung Enclave
New Delhi

WHEREAS.....
(name& address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract Nodated.....to supply (description of goods & services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a schedule commercial recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract.

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of
.....(amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be a default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing, to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demand the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the.....day of20.....

(Signature of the authorized officer of the Bank)

.....
Name & designation of the officer

.....
Seal, name & address of the Bank & address of the Branch
& Telephone No.

GUARANTEE/WARRANTY

i) Except as otherwise provided in the invitation to the tender the contractor hereto declares that the goods, stores, articles sold/supplied to the purchaser under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specifications and particulars contained/mentioned in the contract. The contractor hereby guarantees that the said Equipment/articles would continue to conform to the description and quality aforesaid for a period **05 years** or the manufacturer's/dealers standard Guarantee/Warranty whichever is more from the date of delivery of the said Goods/store/Equipment/articles to the purchaser and notwithstanding the fact that the purchaser (Inspector) may have inspected and/ or approved the said Goods/stores/Equipment/articles, if during the aforesaid Guarantee/warranty period of **05 years**, the said Goods/stores/equipment/articles be discovered not to confirm to the description and quite aforesaid or not giving satisfactory performance or have deteriorated, the decision of the purchaser in that behalf shall be final and binding on the contractor and the purchaser shall be entitled to call upon the contractor to rectify the Goods/Stores/equipment/articles or such portion thereof as is found to be defective by the purchaser within a reasonable period or such specified period as may be allowed by the purchaser in his discretion on/an application made thereof by the contractor and in such an event, the above mentioned warranty period shall apply to the Goods/stores/equipment/ articles rectified from the date of rectification thereof. In case failure of the contractor to rectify or replace the goods etc. within specified Time, the purchaser shall be entitled to recover the cost with all expenses from the contractor for such defective stores.

ii) The store supplied against an order shall bear warranty of the contractor against defective material/ workmanship and performance for a period of **05 years** from the date of receipt of the stores at consignee depot. If during the period the stores supplied are found by consignee to be so defective, the same shall be replaced immediately with serviceable stores, without any charges or cost.

iii) Guarantee/Warrantee will be comprehensive i.e. inclusive of all consumables and spares of all types (except fuel) and will be implemented on site as under:-

- a) After intimation of defect to firm, maximum time for repair/ replacement of equipment will be 15 days.
- b) Penalty for non-repair beyond the repair time i.e. 15 days will be @ 0.5% per week or part thereof of the cost of the Goods/stores/equipment/article in case the stores is rendered non-operational due to the defect.

iv) In case, Manufacturer's Standard Guarantee/Warrantee is for more than 02 years than it will be applicable to purchaser also.

v) Warranty period will start from the date of acceptance of stores in full and final quantity in satisfactory condition after due inspection and/ or on successful installation and commission as applicable.

vi) The periodical maintenance/ servicing during guarantee/ warrantee period of equipment will be carried out by the firm free of cost as specified by the OEM.

CHECK LIST FOR TENDERERS

Before submission of Tender documents, Tenderers should check they have complied with the following requirements:-

S.N	Requirements to be checked before submission of the Tender
01.	Cost of Tender has been enclosed with Tender document, if downloaded from website If not, then supporting documents proving exemption to this enclosed
02.	Earnest Money Deposit (EMD) has been enclosed. If not, than supporting documents proving exemption to this enclosed
03.	If registered with NSIC or DGS&D, copies of valid registration certificate enclosed
04.	If an SSI, it has been mentioned in tender & copy of valid registration certificate enclosed
05.	Monthly manufacturing & supplying capacity has been mentioned in the tender documents
06.	Complete tender documents have been enclosed, after signature & stamping on ALL pages
07.	Signatures of witness with full name and address have been added wherever required on tender documents
08.	Proposal has been submitted in two bid system Technical Bid & separate Price Bid as per tender enquiry
09.	Offer validity as required in tender has been accepted & clearly mentioned in Tender documents
10.	Delivery Terms & Period as per Tender has been accepted and mentioned in Tender
11.	Payment Terms as per Tender have been accepted and mentioned in Tender
12.	Compliance statement in format required in tender has been enclosed along with supporting technical documents/proof for each point/parameter clearly showing it is complied with or not.
13.	Performance statement for 3 years as required in Tender, in the laid down format, has been enclosed. If not, reasons be specifically given in writing.
14.	Warranty terms as per Tender accepted
15.	Status of Tender has been clearly written in Tender -manufacturer or manufacturers authorized agent. If authorized agent, valid authority letter for the stores quoted from the manufacture has been enclosed. If agent of foreign principal, copy of valid DGS&D registration certificate as Indian Agent of Foreign Principal enclosed. If not, reason in writing given
16.	The following proforma's enclosed with tender have been properly & completely filled in, signed & stamped (i) Form 68(A)-Offer of stores (ii) Questionnaire (iii) Form 7 Proforma for equipment & quality control (iv) Details of manufacturer
17.	The Tenderer has clearly mentioned in writing that business dealings with their Firms have not been banned by any Govt./Private agency
18.	If the Tenderer wants to mention any specific condition, it must be mentioned on the covering/forwarding letter only which will be placed on the first page of the technical bid. Such condition mentioned in any other document shall not be given any consideration.
19.	Tenderer will attach copies of Govt. Notification in support of all applicable Taxes/Duties quoted in the offer

MODEL ECS MANDATE FORMAT

Customer's option to receive payments through e-Payment (ECS/EFT/DIRECT CREDIT/RTGS/NEFT/Other payment mechanism as approved by RBI)

Credit Clearing Mechanism

1. Customer's name

2. Particulars of Bank Account –

- a) Bank Name
- b) Branch Name
- c) Address
- d) Telephone numbers
- e) IFS code
- f) 9 Digit code number of Bank and Branch appearing on MICRcheque issued by bank.
- g) Account Type (S.B Account/ Current Account or Cash)
- h) ledger Folio number
- j) Account number as appearing on Cheque Book

3. Please attach a blank cancelled cheque, or, photocopy of a cheque or front page of your saving bank passbook issued by your bank for verification of the above particulars.

4. Date of Effect

“I, hereby, declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I have read the option invitation letter and agree to discharge the responsibility expected of me as a participant under scheme.”

Date -

(_____)
Signature of Customer

Certified that the particulars furnished above are correct as per our records.

Bank's Stamp: (_____)

Date :

Signature of the Authorized official from the Bank.

SPECIFICATION COMPLIANCE STATEMENT (VHF 1/5 W SETS)

S/NO	PARAMETER	SPECIFICATION	Complied /not Complied
1	General		
	i) Frequency Range	136-174 MHz (Full band)	
	ii) No of Channel	255 higher	
	iii) Channel spacing	12.5KHz or better	
	iv) Frequency stability	+ 1.5 PPM or better	
	v) Protocol & Technology	Digital TDMA (DMR) Technology	
	vi) Type of Emission (Modulation)	Analog : 11K0F3E Digital : 4FSK or equivalent technique complying to open standard / nonproprietary Digital Protocol as defined by an international standard body like ETSI/FCC etc.	
	vii) Type of operation	Simplex, press to talk	
	viii) Type of Antenna	Rugged flexible Helical antenna	
	ix) Weight	Less than 450 gm with battery	
	x) Power source	Lithium-ion battery pack of 2000 mAH or more capacity with belt clips.	
	xi) Protection	(i) Reverse polarity protection (ii) Protection against high VSWR	
2	Transmitter		
	i) RF Power output	1 / 5 Watts (Programmable / Selectable)	
	ii) FM Hum & Noise	-40 dB or better	
	iii) Modulation Limiting	+ 2.5 KHz @ 12.5 KHz	
	iv) Adjacent Channel Power	-60 dB or better	
	v) Audio Distortion	Less than 3%	
3	Receiver		
	i) Sensitivity	i) Analog :- 0.30 μ V (12 dB SINAD) or better ii) Digital :- 0.30 μ V at 5% BER or better	
	ii) Selectivity (Adjacent Channel)	60 dB or better	
	iii) Inter-modulation	60 dB or better	
	iv) Audio output	500 mW	
	v) Audio Response	+1,-3 dB	
	vi) Rated Audio Distortion	Less than 3%	
4	ENVIRONMENTAL SPECIFICATION		
	i) Operating Temperature	-30 $^{\circ}$ C to +60 $^{\circ}$ C	
	ii) Storage Temperature	-40 $^{\circ}$ C to +70 $^{\circ}$ C	
	iii) Humidity	Max. 95% @ +40 $^{\circ}$ C non-condensing	
	iv) Environmental standard (i.e) Low & High Temperature, Low pressure, Temperature Shock, Solar Radiation, Rain, Salt Fog, Vibration, Dust & Shock	MIL-STD-810 C,D,E,F	
	v) Dust & water intrusion	IP 57 or better	

5	Accessories	
	2 Battery Charger	Single unit smart charger
	3 Hands free Kit (VOX unit with PTT)(optional)	The vendor should provide minimum of two variants for trials.
	4 Programming kit	All necessary software and hardware required for programming of the set.
	5 Literature	<p>i) User's manual with each radio sets should be provided free of cost in soft as well as hard copy.</p> <p>ii) Technical repairing manual with complete block diagram, circuit layout etc should be provided as per users requirement in soft as well as hard copy.</p>
	6 Battery	Two extra Lithium -ion or Ni-Mh or Li-polymer batteries with each Radio Set.
	7 Leather case	One good quality leather case with belt clip & shoulder strap.
6	Configuration	
	i) Caller ID display	Should be available
	ii) Facility for locking the channel or key pad locking	Should be available
	iii) Scan with priority	Should be available
	iv) Transmitter Time Out Timer (TOT)	The time should be programmed to best suit the application
	v) LCD display	Should be available
	vi) Mode of calls	Selective Call, Group Call, Inter and Intra Group call facility
	vii) Remote Radio Kill / Stun / Revive facility	Should be available
	viii) Mode of operation	Radio should operate in analog mode and digital mode. (Compatible with existing all type of VHF analogue radio sets viz : Motorola, Icom, Kenwood, Vertex etc.)
	ix) Emergency Button	Allows user to obtain help in critical situations
	x) SMS Texting	Should be capable of sending pre-defined messages & short messages from keypads as Optional.
	xi) Programming	Front panel programming with password protection or PC programming.
	xii) DTMF front panel key pad with back lit	Should be available
	xiii) Battery strength bar	Should be available
	xiv) Support GPS	Inbuilt GPS system with accuracy of less than 10 meters (Optional – As per user requirement)
	xv) Networking	Should be IP based for automatic roaming etc. (Optional – As per user requirement)

APPENDIX-10

**TECHNICAL SPECIFICATION/QRS FOR DIGITAL VHF MOBILE/BASE
TRANS RECEIVER SET (25 W)**

S/NO	PARAMETER	SPECIFICATION	Complied /not Complied
1	General		
	i) Frequency Range	136- 174 MHz (Full band)	
	ii) No of Channel Capacity	255 or higher	
	iii) Channel spacing	12.5 KHz or better	
	iv) Frequency stability	+ 1.5 PPM or better	
	v) Protocol & Technology	Digital TDMA(DMR) Technology	
	vi) Type of Emission (Modulation)	Analog : 11K0F3E Digital : 4FSK or equivalent technique complying to open standard / nonproprietary Digital Protocol as defined by international standard body like ETSI/PCC etc.	
	vii) Type of operation	Simplex, press to talk	
	viii) Weight	Less than 2000 gms	
	ix) Power source	13.8 Volt DC \pm 15%	
	x) Protection	(i) Reverse polarity protection (ii) Protection against high VSWR	
2	Transmitter		
	i) RF Power output	25 atts (programmable / Selectable)	
	ii) FM Hum & Noise	-40 dB or better	
	iii) Modulation Limiting	\pm 2.5 KHz @ 12.5 KHz	
	vi) Adjacent Channel Power	-60 dB or better	
	vii) Audio Distortion	Less than 3%	
3	Receiver		
	i) Sensitivity	i) Analog : - 0.30 μ V (12 dB SINAD) or better ii) Digital : - 0.30 μ V at 5% BER or better	
	ii) Selectivity (Adjacent Channel)	60 dB or better	
	iii) Inter-modulation	70 dB or better	
	iv) Audio output	3 W or more	
	v) Audio Response	+1.-3 dB	
	vi) Rated Audio Distortion	Less than 3%	
4	ENVIRONMENTAL SPECIFICATION		
	i) Operating Temperature	-30 $^{\circ}$ C to +60 $^{\circ}$ C	
	ii) Storage Temperature	-40 $^{\circ}$ C to +70 $^{\circ}$ C	
	iii) Humidity	Max. 95% (at +40 $^{\circ}$ C non-condensing)	
	iv) Environmental standard (i.e) Low & High Temperature, Low		

	5	pressure, Temperature Shock, Solar Radiation, Rain, Salt Fog, Vibration, Dust & Shock	As per MIL-STD-810 C,D,E,F
		v) Dust & water Intrusion	IP 54 or better
	6	Accessories	
		i) Microphone	DTMF Microphone should be supplied with Radio
		ii) Battery cable & Mounting fixtures	Should be supplied with Radio
		iii) Antenna	i) 3dB gain whip antenna with 3 meters, Co-axial cable with connector, magnetic base / mounting bracket for vehicle use will be provided as per user's requirements. ii) 6dB gain Omni Directional antenna with 30 meter RF Cable for base station will be provided as per user's requirements.
		iv) Programming kit	All necessary software and hardware required for programming of the radio set.
		v) Literature	i) User's manual with each radio sets should be provided free of cost in soft as well as hard copy. ii) Technical repairing manual with complete block diagram, circuit layout etc should be provided as per users requirement in soft as well as hard copy.
		Configuration	
		i) Caller ID display	Should be available
		ii) Busy channel lock out	Should be available
		iii) Scan with priority	Should be available
		iv) Transmitter Time Out Timer (TOT)	The time should be programmed to best suit the application
		v) LCD display	Should be available
		vi) Mode of calls	Selective Call, Group Call, Inter and Intra Group call facility
		vii) Remote Radio Kill / Stun / Revive facility	Should be available
		viii) Mode of operation	Radio should operate in analog mode and digital mode. (Compatible with existing all type of VHF analogue radio sets viz : Motorola, Icom, Kenwood, Vertex etc.)
		ix) Emergency Button	Allows a user to obtain help in critical situations.
		x) SMS Texting	Should be capable of sending pre-defined messages & short messages from keypads as Optional.
		xi) Programming	Front panel programming with password protection or PC programming.
		xii) Support GPS	Inbuilt GPS system with accuracy of less than 10 meters (Optional – As per user requirement)
		xiii) Networking	Should be IP based for automatic roaming etc

**TECHNICAL SPECIFICATION/ORS FOR DIGITAL VHF AUTO REPEATER
TRANS RECEIVER SET (25 W)**

S/NO	PARAMETER	SPECIFICATION	Complied /not Complied
1	General		
	i) Frequency Range	136- 174 MHz (Full band)	
	ii) No of Channel Capacity	16 or more	
	iii) Channel spacing	12.5KHz or better	
	iv) Frequency stability	+ 1.5 PPM or better	
	v) Protocol & Technology	Digital TDMA (DMR) Technology	
	vi) Type of Emission (Modulation)	Analog : 11K0F3E Digital : 4FSK or equivalent technique complying to open standard / nonproprietary Digital Protocol as defined by an international standard body like ETSI/FCC etc.	
	vii) Weight	Less than 15 Kg	
	viii) Power source	i) 13.8 Volt DC \pm 15% ii) AC – 230 Volt \pm 15%, 50Hz iii) There should be provision to shift automatically on DC supply during mains failure & when mains supply restored it should be shifted on mains from DC supply	
	ix) Protection	(i) Reverse polarity protection (ii) Protection against high VSWR	
2	Transmitter		
	i) RF Power output	45 Watt or more (programmable / Selectable)	
	ii) FM Hum & Noise	-40 dB or better	
	iii) Modulation Limiting	\pm 2.5 KHz (@ 12.5 KHz)	
	iv) Adjacent Channel Power	-60 dB or better	
	v) Audio Distortion	Less than 3%	
3	Receiver		
	i) Sensitivity	i) Analog :- 0.30 μ V (12 dB SINAD) or better ii) Digital :- 0.30 μ V at 5% BER or better	
	ii) Selectivity (Adjacent Chanel)	60 dB or better	
	iii) Inter-modulation	70 dB or better	
	iv) Audio Response	+1,-3 dB	
	v) Rated Audio Distortion	Less than 3%	
4	ENVIRONMENTAL SPECIFICATION		
	i) Operating Temperature	-30 $^{\circ}$ C to +60 $^{\circ}$ C	
	ii) Storage Temperature	-40 $^{\circ}$ C to +70 $^{\circ}$ C	
	iii) Humidity	Max. 95% (@ +40 $^{\circ}$ C non-condensing	

5	Networking	Should be capable to support IP site connects.
6	Interfaces	Ethernet port RJ-45 to provide a) Wide area IP connectivity for Voice and Data. b) Remote monitoring and status check.
7	Accessories	Should be supplied with Repeater
	i) Battery cable & Mounting fixtures	i) 3dB/6dB gain Omni directional antenna with 45 meter RF Cable RG-217 for base station will be provided as per user's requirements.
	ii) Antenna	
	ii) Programming kit	All necessary software and hardware required for programming of the radio sets.
	iv) Literature	i) User's manual with each radio sets should be provided free of cost in soft as well as hard copy. ii) Technical repairing manual with complete block diagram in soft as well as hard copy.

