

## **E-PROCUREMENT TENDER NOTICE.**

**DIRECTORATE GENERAL, SASHA STRA SEEMA BAL**

**R.K. PURAM, EAST BLOCK-V, NEW DELHI-110066**

**TELE NO. 011-26109199, FAX-011-26101054**

**(E-mail-hemantjha\_72@yahoo.co.in)**

File No. 9/W-SSB/2012(5) pt-I

Dated:17.01.2013

On behalf of the President of India, DG, SSB invites e-procurement tenders under Two Bids System i.e. Technical Bid & Financial Bid for the supply of 25W VHF radio set, Quantity-250 Nos. and 5 W VHF handheld radio set, Quantity-642 Nos. and its accessories :-

Earnest Money : Rs. 3,60,000/-  
Tender Cost : Rs. 1000/-

### **CRITICAL DATE SHEET**

Published Date	17/01/2013
Bid Document download Start Date	17/01/2013
Clarification Start Date	17/01/2013
Clarification end date	27/01/2013
Bid submission start date	27/01/2013
Bid submission end date	06/02/2013
Bid opening date	07/02/2013 at 1500 Hours

### **NOTE:-**

- 1 All details, Tender Terms & Conditions alongwith tender document of ibid e-procurement are available on our websites [www.ssb.nic.in](http://www.ssb.nic.in) and [www.eprocure.gov.in](http://www.eprocure.gov.in). Any Change/modification in the tender enquiry will be intimated through above websites only. Tenderers are therefore, requested to visit our websites regularly to keep themselves updated.
- 2 Bidders must submit their bids on line. **Off Line bids would not be considered.**
- 3 For submission of e-bids, bidders are required to get themselves registered with [www.eprocure.gov.in](http://www.eprocure.gov.in) website alongwith class III digital signature certificates issued by CCA under IT Act-2003.
- 4 Cost of tender document and Earnest Money should be deposited alongwith hard copy of the bids in Tender Box marked Commandant (Commn), Telecom Branch kept at the reception counter at SSB HQrs, Main Gate R.K. Puram, Block- V, New Delhi-66.
- 5 One Tender Sample of 25W VHF radio set and 5 W VHF handheld radio set with accessories is required to be deposited with Telecom Dte, Procurement Cell, SSB manually by each bidders on 07/02/2013.
- 6 Rates in the Price Bid schedule to be given in the prescribed format of price schedule at Annexure-“IX” with the tender documents.
- 7 All other terms & conditions are specified in the tender documents.
- 8 All documents (except BOQ) submitted by the tenderers should be legible and in PDF format, otherwise, it shall be liable to be rejected.

**Commandant (Communication)**  
**For and on behalf of the President of India**

Government of India  
Ministry of Home Affairs  
Directorate General  
Telecom Directorate  
Sashastra Seema Bal  
East Block-V, R.K. Puram,  
New Delhi-110066.

To  
\_\_\_\_\_

Dear Sir,

On behalf of the President of India, I invite you to tender for the supply of stores detailed in the schedule.

2. The conditions of contract which will govern any contract made are contained in Pamphlet No. DGS&D-39 entitled "Conditions of Contract governing contracts placed by the Central Purchase Organization of the Government of India as amended up to 31-12-91 and those contained in the Pamphlet No. DGS&D-229 containing the various instructions to tenderers quoting against the tender enquiry issued by the DGS&D read with the amendments enclosed with this tender enquiry. Any special conditions attached to this invitation to tender will also form part of the conditions.

3. The above pamphlets and the lists of corrections thereto can be obtained on payment from the under mentioned officers:-

- (a) The Manager of Publications, Civil Lines, Delhi.
- (b) The Superintendent, Government Printing & Stationery, UP., Allahabad.
- (c) The Superintendent, Government Printing & Stationery, Mumbai.
- (d) The Superintendent, Government Press, Chennai.
- (e) The Superintendent, Government Printing & Stationery, Nagpur.
- (f) The Superintendent, Government Printing Gulzarbag, Patna, Bihar.
- (g) DGS&D New Delhi and its Regional offices at Mumbai, Chennai, Calcutta & Kanpur.
- (h) Government of India Book Depot, 8 Hastings street, Kolkata.

4. If you are in position to quote for supply in accordance with the requirements stated in the attached scheduled to tender, all documents attached should be duly filled in signed and returned to this office. You must also furnish with your tender all the information called for as indicated in pamphlet no. DGS&D-229 mentioned in Para 1 above. An attached list of questionnaire, which should also be answered and should be returned with the tender, failing which your tender will be liable to be ignored and not considered.

5 This tender is not transferable.

Yours faithfully,

**Commandant (Communication)**  
**For and on behalf of the President of India**

Copy to:-

- i. The Dy. Director (Prov), MHA, Jaiselmer House, New Delhi – for kind information alongwith a copy of Tender Enquiry please.
- ii. SI/Min. Gautam Basak with the request to invite the ATI through E-Publishing.
- iii. DD (CC), FHQ, SSB with the request to Upload the Tender in SSB Website.

**Commandant (Communication)**  
**For and on behalf of the President of India**

Government of India  
Ministry of Home Affairs  
Directorate General  
Telecom Directorate  
Sashastra Seema Bal  
East Block-V, R.K. Puram,  
New Delhi-110066.

Tender set is not transferable.

File No. 9/W-SSB/2012(5)pt-I

Dated:17.01.2013

Time and date of receipt of tender **at 1230 hours on 06/02 /2013**

Time and date of opening of tender **at 1500 hours on 07/02/2013**



**COST OF TENDER SET: Rs. 1000/- (Rupees One thousand) only**

*(Even then applicable, if bidders download this Tender Set from Website and irrespective of any registration with DGS&D or NSIC).*

(Cost of tender shall be deposited in the form of Demand Draft, postal Order and Banker's Cheques etc. only in favour of Sr. Accounts Officer, PAO, SSB, MHA East Block-IX, R. K. Puram, New Delhi.-110066. payable at SBI R.K. Puram, New Delhi)

**Validity Period: - The Tender shall remain open for acceptance till - 180 days from the date of opening of Tender and extendable for further period.**

Description of Store.	Quantity (in Nos.)	Specification.	EMD(Earnest Money Deposit)
1	2	3	4
VHF (LP) 25W VHF Radio set with following Assys- a. DC Power cable, 2 Meter b. Micro Phone with DTMF c. Mounting Bracket d. User manual	250	As per Annexure-VIII	Rs. 3,60,000/- (Rupees three lakh sixty thousand) only Bankers Cheque or D.D. or B.G. may please be prepared in favour Sr. Accounts Officer, PAO, MHA SSB, East Block-IX, R. K. Puram, New Delhi (Code No 1076). payable at SBI R.K. Puram, New Delhi.
BNC connector	250		
GP Ant 6 dB.	140		
3 dB Mobile magnetic mount antenna	60		
3 dB Gain Mobile Antenna with mounting clamp	61		
30 Mtr. Co-Axial Cable with connectors	200		
SMPS 12V, 10 Amp	205		
VHF (VLP) 5 W Hand Held Radio set, 16 Channel or more with following Assys- a. 2300mAH Ni-MH battery b. Helical Antenna c. Belt Clip d. User Manual	642		
Ni-MH Btys for 5W VHF Radios 2300 mAH	645		
Rapid Rate Battery Charger for Ni-Cd/Ni-MH/Li-Ion Btys	321		

## NOTE

*Lab test report should be got issued from any of the Laboratory approved by national accreditation board for testing & calibration laboratories (NABL) and it may be clearly mentioned that the Lab Test report submitted meets out all requirements under Specification given, with result of Lab Test clearly mentioned in the Test Report by the Laboratory concerned.*

### NOTICE TO THE TENDERING FIRMS.

1. All tender documents attached with this invitation to tender including specification are sacrosanct for considering any offer as complete offer. It is therefore, important that all tender documents duly completed and signed on each page are returned with your offer online in PDF format.

2. The tenderer should submit the tenders in Two-Bid system i.e. the tender should give the Price Bid in XLS format and the Technical details in PDF format online along with detailed specification of the equipment offered supported by leaflets, Broachers, if any in PDF format.

#### 2.1 **FIRST COVER should contain the:-**

- (i) Scanned Tender documents duly completed and signed but without indicating the rates.
- (ii) Scanned Copy FOR, terms, delivery period quoted.
- (iii) Scanned Copy of registration certificate with DGS&D/ NSIC, if any.
- (iv) Scanned Copy of Earnest Money Deposit.
- (v) Scanned Copy of Supply Order placed recently by any Govt/Semi Govt/organization for the quoted model if any; If not copy of International Price list.
- (vi) Scanned copy of any other relevant documents which firm wishes to submit.
- (vii) Scanned copy of Lab Test Report.
- (viii) Scanned copy of compliance statement duly signed.
- (ix) Scanned copy of Annexure – I to IX, duly completed.
- (x) Scanned copy of receipt if any from any Govt./Semi Govt. organizations on the recent past for the quoted model to ascertain reasonability of the rates.

#### 2.2 **SECOND COVER** should contain the following:-

- (i) Price bid /financial bid to be submitted as per Appendix-IX in XLS format.
- (ii) Tenderer will attach copies of Govt. Notification in support of all applicable taxes/duties in the offer in PDF format.

3. The technical details of the make/model offered along with the supporting original technical literature leaflet both etc are to be submitted. The confirmation the model (s) offered with the T/E specification and deviation if any will be clearly mentioned in technical bid.



Handwritten signature and date: 15/11/2014

4. The attention of tenderer is invited to clause 1 (A) of the form DGS&D 2312 instructions to furnish clause by clause compliance of specification, bring out clearly deviation from specification if any, the firm are advised to submit the compliance statement in the following format along with technical bid failing which their offer will be treated as incomplete and liable to be ignored. **The compliance statement should be given in separate sheet.**

Tender enquiry specification as per Annexure-“VIII”.	Specification of Equipment Offered	Compliance to T/E Specification, whether Yes or No.	In case non compliance deviation to be indicated on unambiguous term

5. Incomplete offers, offers not confirming fully to the T.E. requirement or with vague replies or without Earnest Money will not be considered.
6. The purchaser reserves the right to Cancel/ Reject any or all the tenders without assigning any reason.
7. The Competent authority reserves the right to increase or decrease the quantity up to 25% or above.
8. Firms must clearly indicate in their offer from different taxes etc. mentioning clearly the present rate thereof vague offer like “duties as applicable shall not be considered”.
9. Tenderers are required to submit copy of receipt if any from any Govt. /Semi Govt. organizations. On the recent past for the quoted model to ascertain reasonability of the rates.
10. Purchaser : The President of India.
11. Inspecting Authority : DG, SSB, New Delhi.
12. Inspecting Officer : A Board of Officers of SSB,
13. Stores required at : I.T&T.T.C. NMDC Building, NH-5, Faridabad (Haryana).
14. Tenderers are required to quote rates on delivery at consignee's locations only. Uniform rate to be quoted for all destination /consignees. Tenders received on FOR destination station/ station of despatch basis or different rates for different destination shall be summarily rejected.
14. (i) **DESPATCH INSTRUCTIONS** : Stores are required to be dispatched by the firm by road transport under their own arrangement on FOR destination. Door delivery to the consignee location.
- 14 (ii) The vendors coming “E” procurement will submit the EMD, tender Cost and Price Bid through SSB tender box placed at main gate. Directorate General, SSB, East Block -V, R. K. Puram, New Delhi-110066. Before specified time and date mentioned in the schedule to tender. Late /delayed tender shall not be opened and returned in original to the bidders.



15. **PACKING & MAKING** : The store should be packed in such a way that it is not damaged during transportation, and as per Clause -12 of conditions of contract contained in DGS & D- 68.
16. **Terms of delivery** : FOR. Destination delivery to Consignee basis only. Delivery of Store's required **within 20 days from date of placing supply order.**
17. The attached list of questionnaire should be answered and returned with the tender, failing which your tender is liable to be ignored and will not be considered.
18. **Public sector Undertaking/ State undertaking or Central / State owned compiles are not exempted from the payment of Earnest Money unless registered with DGS&D.**
19. All Firms having FAX /No. must indicate the same on their tender for faster communication.
20. Rates quoted by the firm should be firm price basis. Rates only for FOR destination with delivery to consignees be quoted. Tender received on FOR Destination station or station of dispatch shall be summarily rejected. Bidders offering import store shall make their own arrangement to deliver the goods at consignee's location and should quoted accordingly.
21. Firms/ tenderer should mentioned price of each item separately.
22. Tenderer should clearly indicate the location with full address. (Telephone No./ FAX No., if available) of the works where the stores will be manufacture and offered for inspection.
23. The full name and status of the person signing the tender documents must be clearly mentioned in their tender documents.
24. **EARNEST MONEY:** - All the firms who are not registered with DGS &D/ NSIC for the subject stores as per specification shall be required to deposit fixed amount of Earnest Money as mentioned against each item along with their offer. Offers received without Earnest Money other than the amount specified will be liable to be summarily ignored. Registration with any other organization or to any other specification will not exempted then from depositing Earnest Money. **The firms registered with DGS&D / NSIC with some monetary limits for the stores of required specification shall be treated as unregistered for the value exceeding their monetary limit of registration. Such firms shall be required to deposit proportionate Earnest Money over and above their exemption limit. In no case their Earnest Money deposit should indicate the price quoted by any firm. Tenders received not in conformity to the EMD guideline would liable to be ignored summarily.**
- (a) The offers from the Indian agents of foreign principal, not enlisted with DGS&D for such products which fall under the restricted list of EXIM Policy under compulsory registration scheme 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. However, offers from the Indian agents, who have applied to DGS&D for registration / enlistment before the time & date of tender opening of technical bid; such offers will be further processed if they can secure enlistment with DGS&D before opening of the price bid. In case the product offered does not fall under the restricted list of EXIM Policy; the documentary proof should be furnished.
- (b) The Indian agents of the foreign firms with DGS&D under compulsory enlistment as Indian agent of foreign supplier will not be treated as registered DGS&D for the purpose of exemption from payment of EMD and such Indian agents will have to deposit the Earnest Money as mentioned in Tender Enquiry, otherwise their offer will be ignored.

(c) Public Sector Undertaking/ State Govt. Undertaking or Central/ State owned companies are not exempted from the payment of Earnest Money unless registered with DGS &D/ NSIC.

24 (i) The Earnest Money Deposit may be sent in the form of Demand Draft/PO/B.G./Bankers Cheque in favour of Sr. Accounts Officer, PAO, SSB MHA, R. K. Puram, New Delhi-110066, payable at SBI R.K. Puram, New Delhi. No other forms of cheques are acceptable.

24 (ii) **SECURITY DEPOSIT:-**

**The successful firm shall have to deposit 10% of the contract value within a month of the placement of Supply Order irrespective of it's requirement status for due performance as per provision contained in clause 7 of DGS&D-68 (revised). Failure at the part of the firm to deposit the security Deposit within stipulated time will make the supply order null and void.**

(iii) The Performance Security Deposit submitted by the supplier will remain valid for a period of 60- days beyond the date of completion of all contracted obligations of the supplier including Warranty period. All provisions of GFR-158 are applicable for security performance.

(iv) If the supplier fail to deliver the stores in a promised period and places and a request for extension of time, the supplier will submit an undertaking on non-judicial Stamp paper of Rs. 10/- duly attested by the Notary Public stating that Performance Security Deposit has already been extended for six months further beyond the last date of supply promised in the request of extension of time of delivery.

25. **LIQUIDATED DAMAGES:-**

**IN CASE THE FIRM DOES NOT COMPLETE THE SUPPLY WITHIN THE DELIVERY PERIOD THEN LIQUIDATED DAMAGES CHARGES WILL BE IMPOSED @ 0.5% PER WEEK I.E. 2% PER MONTH SUBJECT TO 10% MAXIMUM ON TOTAL VALUE OF THE ITEMS AS PER PARA-15.7 OF DGS&D. DGS &D MANUAL AND PARA 14(7) OF DGS&D (REVISED).**

25(i) The offer of agents/ Indian agents of foreign principal will not be considered, it is not supported by proper authorization certificate. Authorized agents/ Indian agents of foreign firm must enclosed an authorization certificate from the manufactures of the stores in question appointing them as agents with specific reference to this tender. A general authorization will not be acceptable.

25(ii) If bidder is not an OEM then bidder should be authorised by OEM for the offered equipments and bidder should provide the tender specific authorisation certificate from OEM.

26. **VERIFICATION OF CLAUSE:-**

IF THE DATE OF REGISTRATION BY NSIC/ DGS&D IS OLDER THAN 12 MONTHS ON THE DATE OF OPENING OF BID, IT SHALL NOT BE CONSIDERED UNLESS CAPACITY OF BIDDERS HAS BEEN RE-VERIFIED BY THE DGS&D QA WING DURING 36 MONTHS PRECEDING THE DATE OF OPENING OF BIDS.

“FOR THIS PURPOSE, TENDERERS WHO ARE EITHER NOT AT ALL REGISTERED WITH DGS&D / NSIC OR WHOSE REGISTRATION WITH DGS &D/ NSIC IS OLDER THAN 12 MONTHS FROM THE DATE OF OPENING OF BID, AND WHOSE CAPACITY HAS NOT BEEN VERIFIED BY DGS& D QA WING DURING PRECEDING 36 MONTHS FROM THEIR DATE OF OPENING OF BIDS, MUST PROVIDE THE DETAILS OF PLANT & MACHINERY IN THE PROFORMA ENCLOSED WITH TENDER ENQUIRY IN DUPLICATE AND FURNISH THE SAME WITH THEIR OFFER FOR THE PURPOSE OF VERIFICATION/ RE-VERIFICATION OF THEIR CAPACITY BY QA WING OF DGS&D DIALING WHICH THEIR OFFER SHALL BE SUMMARILY IGNORED”.



27. **TERMS OF PAYMENT:-** 100% payment of the stores will be made on bill basis after receipt of the items in good condition by the consignee's against certificate to be issued by the consignee.
28. In case the firm does not complete the supply within the delivery period L.D. charges will be imposed @ 0.5% per week i.e. 2% to 10% maximum of the total cost of the item contract as per provisions and norms of DGS & D.
29. (i) *In case any difficulty in submission of tenders, the bidders should contact AC(Proc) on Telephone No. 011- 26109199.*
- (ii) SSB will not be responsible for the missing/delaying of tenders submitted at any other place.
30. In case offers are received both from manufacturer as well as from their agent, offers from manufacturers only shall be considered and offer from their agent shall be summarily rejected.
31. **EVALUATION OF THE PROPOSAL:** - A two stage procedure will normally be adopted:-
- Stage-i:-**
- Technical Evaluation-** Evaluation of technical bids to assess their suitability against the laid down QRs./Make/Model. Tenderers must ensure that they enclosed all original technical literature and detailed documentary proofs which specifically bring out the compliance of the equipment being offered against the QRs/Specifications. In case it is not possible to verify compliance of equipment offered due to lack of adequate documents not reference will made to tenderer and the bid will not be considered further. All the parameters as per technical specification (given in Annexure-VIII) will be checked by a board of technical officers/officials.
- Stage- ii:-**
- Financial Evaluation-** The price bids of only those stores found acceptable in technical evaluation shall be opened evaluated and considered further. It is in the tenderers interest to include all relevant and detailed technical data with their bid.
32. Condition of the Contract: - As contained in Form DGS&D-68 (revised) & DGD&D- 229.
33. **Period for which offers will remain open:** - Tendering firms should note the period for which their offers should remain open for acceptance. Offers from those firms who have not kept the validity open till the period stipulated in the tender enquiry, will be treated unresponsive and will be ignored without making any back reference. Tendering firms may further note that in the absence of any indication of the date up to which the offer has been kept valid, it will be assumed that their offer will remain open for acceptance for the period specified in the tender Enquiry under Guarantee / Warrantee clause i.e. 12/15 months from the date of contract.
34. **Extension of Validity & Earnest Money** :- If the validity of the tender is extended, the validity of the Earnest Money in whatever form submitted will also have to be suitably extended by the tenderer failing which their tender shall not be considered by the purchaser after the expiry of the aforesaid period.
35. Any change in terms & conditions of the tender and specification will be made through SSB website only i.e. [www.ssb.nic.in](http://www.ssb.nic.in). The tenderer should visit SSB website regularly to check any change in terms & conditions of the contract.
36. **Performance Bond:** - The successful tenderer will have to submit performance bond @ 10% of ordered value till warranty/ guarantee period in shape of DD/PO/B.G./Banker Cheque in favour of PAO, SSB MHA, R. K. Puram, New Delhi-110066.
37. **REFUND OF EXCESS PAYMENT:** - Supplier has to refund the excess payment if any made for Sale Tax, Exercise Duty and Custom Duty etc.

38. **EARNEST MONEY DEPOSITED & PERFORMANCE SECURITY MONEY WILL BE FORFEITED** in case breach of contract by suppliers in any spheres.

39. Purchaser may without prejudice to any other remedy for breach of contract by written notice of default rest to the supply terminated in whole or in part.

40. All Rules and terms in GFR, DGS& D Manual, Manual of MoF etc. will be applicable as Tender clause.

**Special Clauses:**

1. Bidder must be OEM or authorized Distributor of OEM for the offered equipments. The distribution agreement tenure of OEM and distributor should be valid for at least 03 preceding years from the date of offer, a confirmation certificate is required from OEM with bid.
2. Bidder should provide the tender specific authorization certificate from OEM in case OEM is not participating in tender else tender is liable to reject.
3. The Annual turnover of the Bidder during last 03 preceding financial years should be at least **Rs. 15 crores.**
4. SSB has a planed to procure SAG approved ECIL scrambler for their existing units in future.
5. The offered Radios should have been supplied for and fitted with ECIL SAG approved encryption to any defence, paramilitary and state police organisation in India in past. As a supporting document supply order copy either from tenderer or scrambler OEM is required along with bid.



**Commandant (Communication)  
For and on behalf of the President of India**

Signature of the tenderer

FORM -68-A

TENDER NO. \_\_\_\_\_

Full Name and address of the tenderer in addition to Post Box No. if any should be quoted in all communications to this office.

Contractors Telegraphic Address :  
  
Telephone No.  
  
Fax No.  
  
City code used.

From

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 the instructions to Tenderers in the booklet DGS&D-229 and conditions of contract in the Form No. 68 (Revised) including the Pamphlet entitled "Conditions of Contract governing contracts placed by the Central Purchase Organization of the Government of India" read with the amendments annexed herewith 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. The following pages have been added and form part of this tender.

Here paste coupon in case where coupons are supplied to contractors on payment.

Yours faithfully,

(SIGNATURE OF TENDERER WITH SEAL)

Address:

Dated

Signature of witness

Address:



**IMPORTANT INSTRUCTIONS:-**

**1. Option Clause.**

The purchaser reserves the right to place order on the successful tenderes for additional quantity upto 25% of the quantity offered by them at the rates quoted at the time of placement of contract of during the currency of the contract as per CI. 31 of form DGS&D -230.

- (a) **Advance Sample:-** The purchaser may at his discretion, require the prospective contractor to submit an acceptable advance sample for approval of Inventor /Inspection Authority wherever the contract stipulates submission of an advance sample, the samples will have to be submitted
- (b) **Reference Sample:** The Indenter will seal and sign one sample for each consignee from each accepted bulk supply lot and pack it with the consignment for reference and guidance to the consignee.

**2. Guarantee / Warranty:**

- (i) Except as otherwise provided in the invitation to the tender, the contractor hereby 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 specification/Brand and particulars contained/mentioned in the contract. The contractor hereby guarantees that the said stores/goods/articles would continue to confirm to the description and quality aforesaid for a period of **02 years** from the date of delivery of the said goods/stores / articles to the purchaser or 15 months from the date of shipment/dispatch from the Contractor's works, whichever is earlier and the notwithstanding the fact that the purchaser (Inspector) may have inspected and or approved the said goods/stores /articles, if during the **aforesaid period of 02 years** the said stores/articles/goods be discovered not to conform to the description and quality aforesaid or not giving the satisfactory performance or have deteriorated and 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/articles or such portion thereof as is found to be defective by the purchaser within a reasonable period of such specified period as may be allowed by the purchaser in his discretion on an application made thereof by the contractor and in such a event, the above mentioned warranty period shall apply to the goods/articles/stores rectified from the date of rectification thereof. In case of 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) Guarantee that they will supply spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be and including but within any limitation on agreed discount on the published catalogue or on agreed percentage of profit on the landed cost.
- (iii) Warranty to the effect that before going out of production for the spare parts they will give adequate advance notice to the purchaser of the equipment, so that the latter may undertake the balance of the lifetime requirement.
- (iv) Warranty to the effect that they will make available the blue prints of drawing of the spares if and when required in connection with the main equipment.

- (v) In the event of contract being cancelled for any breach committed and the purchaser effecting repurchase of the stores at the risk and the cost of the contractor, the purchaser is not bound to accept the lower offer of Beamy or allied or sister concern of the contractor.
  - (vi) Purchase will not pay separately for transit insurance and the supplier will be responsible till the entire stores contracted for, arrive in good condition at the destination. The consignee as soon as possible as but not later than 30 days of the date of arrival of the stores at destination notify to the contractor any loss or damages to the stores that may have occurred during the transit.
  - (vii) Those firms who are not specifically registered for the items as per schedule to tender to submit the following along with their quotation failing which their offer will be ignored.
    - a) Photocopy of latest ITCC, not more than one year old.
    - b) Name and full address of the Bankers.
2. **Prices are quoted both in words as well as in figures.**
3. Tenders who are past suppliers of the item as per TE speech should submit their performance statement in enclose proforma. In case, it is found that information furnished is incomplete or incorrect, their tender will be liable to be ignored.
4. Tenders who are registered with DGS&D/NSIC for this particular item should submit the photo copy of Regn. Certificate with all subsequent amendments and also the photo copy of latest ITCC not more than one year old.
5. **EXCISE DUTY:** - If it is decided to ask for excise duty or any other charges extra, the same must be specifically stated. In absence of such stipulation it will be presumed that prices are inclusive of all such charges and no claim for the same will be entertained.
6. Tenderers are requested to quote F.O.R. Destination/. However, any tenderer quotes EX-Works, the break-up of the different elements of prices be indicated, failing which the tender will be ignored. In case quotation is on F.O.R. Station of dispatch basis, name of station must be specified.
7. The purchaser reserves the option to give a purchase/price preference to offer from public section units and / or from other firms in accordance with the policies of the Govt. from time to time.
8. If supplier is found involved in a case of misconduct and proposed for blacklisting by any CPOs/CPMFs/other departments, his contract will be summarily rejected at any stage without assigning any reason and explanation.



SIGNATURE OF THE TENDERER WITH SEAL

NAME IN BLOCK LETTER \_\_\_\_\_

CAPACITY IN WHICH TENDER SIGNED

FULL ADDRESS \_\_\_\_\_

Signature of Tenderer

**Annexure-I**

1. 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 addition bearing Symbol DGS&D-39 Form No. DGS&D-68 (Revised)".
  - 1.1 The definition of "Government" Provided in clause 1 (b) page 2 of DGS&D Conditions of contract may be amended as under :-  
"Government" means the Central Government.
  - 1.2 The definition of Secretary Clause 1 (k) Page 3 of DGS&D conditions of contract may be modified as under:-  
  
"Secretary" means Secretary of Ministry 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 of Deputy Secretary in such Ministry, DG, IG (Prov.), DIG/Prov. and A.D.(Proc), SSB in (MHA) 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.
  - 1.3 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 officers " may be replaced by Director General, (SSB).
  - 1.4 Clause 24 i.e. Arbitration: - DGS&D may be replaced by DG, SSB wherever occur in this clause of DGS&D 68 (Revised).
  - 1.5 Similarly the reference to DGS&D wherever appearing may be suitably modified.
2. Following amendments may be carried out in the Pamphlet No. DGS&D - 229 containing various instructions to tenderers.  
  
Form No. DGS&D - 230.  
  
Reference to DGS&D wherever appearing in clause No. 14, 33, 34, 35, 39 and 40 and Appendix "A" for Form No. DGS&D -69 may be amended to read as Director General, SSB (MHA).

Signature of the Tenderer.



Cont....12/P

**PERFORMANCE STATEMENT FOR LAST THREE YEARS.**

NAME OF FIRM \_\_\_\_\_

Contract No.	Description of Stores	Quantity	Value	Original Delivery Period.	Quantity supplied with original DP	Last supply Position	Extd. DP / Final DP	Present Position with reasons for delay.

Signature of the Tenderer.



**Annexure-II**

Contd.....13/P

**QUESTIONNAIRE**

1. Name and Address of contractor \_\_\_\_\_  
\_\_\_\_\_

2. (a) Whether registered with DGS&D for subject store.

Yes	No.
-----	-----

b) If yes, Monetary limit Enclose Rs. Photocopy of Regn. Certificate)

(Lakh) (without Limit)

c) Validity Date: \_\_\_\_\_

Permanently :

3. (a) Whether registered with NSIC for Subject store.

Yes	No
-----	----

(b) If yes, monetary limit (Enclose Photocopy of Regn. Certificate)

Yes	No
-----	----

(c) Validity: \_\_\_\_\_  
Permanently:

4. Whether you agree to submit advance Sample if called upon to do so within Specified period of 21 days.

Yes	NO
-----	----

5. whether past supplier of subject store to DGS&D or Min. of Home Affairs during the last 3 years. (If yes, submit Performance report in enclosed Performa).

Yes	NO
-----	----

Yes	NO
-----	----

6. Terms of Delivery:

7. (a) Whether excise duty extra

(b) If extra, rate of excise duty Assessable value Rs.

Yes	NO
-----	----

Yes	NO
-----	----

8. (a) Whether Sales Tax extra :  
 (b) If yes, rate of Central Sales Tax applicable at present.
- (c) Rate of local Sales Tax applicable at present
9. Discount offered if any
10. (a) Delivery period in months from the date of placement of order/approval of Advance Sample.  
 (b) Monthly rate of supply
11. (a) whether stores fully conforms to Tender Schedule Specifications in all respect.  
 (b) If answer to 11(a) is "NO", indicate the details of deviation on separate sheet.

Yes	No.
%	
%	
%	
Months.	
Yes	No.

12. Acceptance to conditions of contract as contained in DGS&D (Revised) amended upto 31-12-91 and those contained in Pamphlet No. DGS&D-229 read with Annexure attached.
13. Whether required EM enclosed :  
 (furnish details of EM document)
14. Whether you agree to accept 25 % tolerance clause
15. Do you agree for arbitration clause.
16. All the laid down Rules in GFR- 2005 and all terms & conditions concerned Manual of DGS& D/ MOF would be applicable in all respect to invoke the Laid down provisions at any stage and the bidders are to abide by these conditions

Yes	No



Signature of Tenderer \_\_\_\_\_  
 with seal  
 Name in Block letters \_\_\_\_\_

Capacity in which tender is signed

Full Address. \_\_\_\_\_

FORM-7

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL  
(THIS PROFORMA IS REQUIRED TO BE SUBMITTED IN TRIPLICATE)

Tender No. & Date \_\_\_\_\_

For the supply of \_\_\_\_\_

1. Name and Address of the firm :
  - (a) Telephone No. Office/Factory/works :
2.
  - (a) Telegraphic address
  - (b) Fax No.
3. Location of Manufacturing Works/factory, factories owned by you (Documentary). In case you do not own the factory but utilize 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 that the factory of (Here indicate the name of the firm whose factory is being utilized) has been put at your disposals for the manufacture/fabrication of the stores for which registration has been applied for.
4. Brief description of the factory (e.g. area covered, accommodation, departments into which it is divided, laboratory etc., )
5. Details of plant and machinery erected and functioning in each Department (Monograms and descriptive pamphlets should be supplied, if available.)
6. Whether the process of manufacture in factory is carried out with the aid of power or without it.
7. Details and stocks of raw material held (state whether imported or indigenous against each item.
8. Production capacity of each item with the existing plant & Machinery :
  - a) Normal \_\_\_\_\_
  - b) Maximum \_\_\_\_\_



Contd.....16/P

9. Details of arrangement for quality control of products such as laboratory etc.,
10. (a) Details of Technical / Supervisory staff incharge of production & quality control.
  - b) Skilled labour employed.,
  - c) Un-skilled labour employed.
  - d) Maximum No., of workers (Skilled & Un-skilled) employed on any day during the 18 months preceding the date of application.

Place:

Date:

SIGNATURE & DESIGNATION OF THE TENDERER

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



A handwritten signature in black ink, appearing to read 'J. S. S.', is written over a horizontal line. Below the signature, the date '15/11/2014' is written in a similar cursive style.

**Annexure-IV**

Contd...17/P



LIST NO. 1.

TENDERS SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELOW. TENDERERS MAY PLEASE NOTE THAT IF THE ANSWER SO FURNISHED ARE NOT CLEAR AND / OR EVASIVE, THE TENDER WILL BE LIABLE TO BE IGNORED.

1. Tender No.
2. Whether the stores offered fully conform to the technical particulars and specifications/drawings, specified by the purchaser in the Schedule to Tender. If not, mention here details of deviation.
3. Brand of Store offered
4. Name and address of manufacturer:-
  - (a) Name
  - (b) Address
  - (c) Name of company
  - (d) Telephone land line mobile
  - (e) e-mail
  - (f) Fax.
5. Station of Manufacture
6. Please confirm that you have offered packing as per tender enquiry requirements. If not indicate deviations.
7. Gross weight of consignment \_\_\_\_\_ Net weight of each item \_\_\_\_\_
8. What is your permanent income Tax A/C No.
9. Confirm whether you have attached your latest / current ITCC or photo copy thereof.
10. Status
  - a) Indicate whether you are LSU or SSI.
  - b) Are you registered with DGS&D for the item quoted? If so, indicate whether there is any monetary limit on registration.
  - c) If you are a small scale unit registered with NSIC under Single Point Registration scheme, whether there is any monetary limit.
  - d) In case you are registration Scheme for the item quoted, confirm whether you have attached a photo copy of the registration certificate indicating the items for which you are registered.
- 11 a) If you are not registered either with NSIC or with DGS&D, please state whether you are registered with Directorate of Industries of State Government concerned.

b) If so, confirm whether you have attached a copy of the certificate issued by Director of Industry.

12. Please indicate :-

Name & Full address of your Banker

13. 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. )

14. Whether the tendering firm is are :-

- i) Manufacturer,
- ii) Manufacturer's authorized agents,
- iii) Holders in stock of the stores tendered for

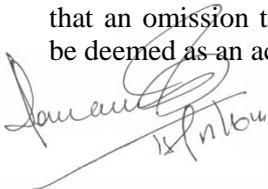
N.B. If manufacturer's agents, please enclose with tender the copy of manufacturer's authorization.

15. If Stores offered are manufactured in India, please state whether all the raw materials, components etc. used in their manufacture are also produced in India. If not, give details of materials Components etc., that are imported and their breakup 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.

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

17. Please indicate the stocks in hand at present time :  
i) Held by your against these enquiry, ii) held by M/S \_\_\_\_\_ over \_\_\_\_\_ which you have secured an option.

18. 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 acceptance of this clause will not influence the decision of the tender. If should, however, be noted that an omission to answer the above question will be deemed as an acceptance of the clause.)



Contd.....19/P

19 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, please furnish a copy of either the partnership agreement or the general power of attorney as the case may be.

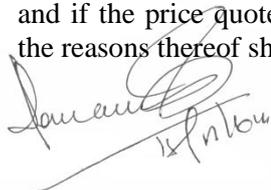
NB (1) Please attach to the tender a copy of either document on which reliance is place for authority of partners on the partner signing the tender to refer disputes to arbitration. The copy should be attested by a Notary Public or its execution should be admitted by Affidavit on a properly stamped paper 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.

20 **Here state specifically :**

a) 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.

b) 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.

Handwritten signature and initials in blue ink, appearing to be 'Jamaul' and '12/11/16'.

21. Are you
- i) Holding valid Industrial License (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 license 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 license is required for the purpose of raw materials and / or that you possess the required license.
22. State whether business dealings with you have been banned with Min./Deptt of Supply / Ministry of Home Affairs ?
23. Please confirm that you have enclosed the required Earnest Money alongwith your offer (all firms who are not registered with DGS&D or NSIC for stores specifically as per TE specifications are required to deposit EM alongwith the offer. Please read the enclosed EM conditions carefully before submitting Tender Documents.)
24. Please confirm that you have read all the instructions carefully and have complied with accordingly.

Signature of Witness:

Signature of Tenderer:

Full Name & Address of witness in block letter.

- 1) Full Name & Address of the persons signing (In block letters).
- 2) Whether signing as Proprietor/Partner / Constituted Attorney/duly authorized by the company.



A handwritten signature in black ink, appearing to read 'Jamaal' followed by a flourish and '12/11/16' below it.

Contd....21/P

**Annexure-V**

**CONDITIONS REGARDING DEPOSIT OF EARNEST MONEY.**

1. All firms who are not specifically registered with NSIC or DGS&D for the stores for which the offers are being invited, are required to deposit EARNEST MONEY equivalent to the amount as mentioned in the tender schedule.
2. For claiming exemption from depositing earnest money, the tenderers should be registered with NSIC / DGS&D specifically as mentioned in the tender schedule. Firms which are not specifically registered for the stores with specifications as mentioned in the tender schedule, will be treated as unregistered, and shall be required to deposit earnest money as above.
3. Similarly, firms who are specifically registered for the stores with specified specifications with NSIC/DGS&D, but with a certain monetary limit, will be treated as unregistered for their tender value exceeding their monetary limit of registration. In case such firms fail to deposit EMD, their offer for the tender value exceeding their ML is liable to be ignored.
4. The EMD and Tender cost can be deposited in any one of the following alternative forms:
  - (a) Account Payee Demand Draft, Fixed deposit receipts, Banker Cheque in favour of PAO, SSB MHA, East Block-IX, R.K. Puram, New Delhi, payable at SBI, R.K. Puram, Code No. 1076. The draft should be payable at New Delhi.
  - (b) Bank guarantee of any Nationalized/Schedule Bank or reputed commercial bank in the format attached.
5. The earnest money shall be valid and remain deposited with the Purchaser for the period of 180 days from the date of tender opening. If the validity of the tender is extended, the validity of the BG/ or any other document submitted in, lieu of EM will also be suitable extended by the tenderer, failing which the tender after the expiry of the aforesaid period shall not be considered by the purchaser.
6. No interest shall be payable by the Purchaser on the EMD deposited by the tenderer.
7. 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.
8. The EM of the successful tenderer shall be returned after the security deposit as required in terms of the contract is furnished by the tenderer.
9. If the successful tenderer fails to furnish the security deposit as required in the contract within the stipulated period, the EMD shall be liable to be forfeited by the purchaser.
10. EMD of all the unsuccessful tenderer shall be returned by the Purchaser as early as possible after the expiry of the bids of validity, but not later than 30 days after placement of contract. Tenderers are advised to send a pre-receipted challan along with their bids so that refund of EMD is made in time.
11. Any tender not accompanied with earnest money in any one of the approved forms acceptable to the purchaser, shall be rejected.

**Commandant (Communication)**  
**For and on behalf of the President of India**

Signature of the Tenderer

DIRECTORATE GENERAL  
SASHSTRA SEEM BAL  
MINISTRY OF HOME AFFAIRS,  
(PROCUREMENT BRANCH)

**PROFORMA FOR BANK GUARANTEE FOR SUBMITTING EARNEST MONEY**

**PROFORMA OF BANK GUARANTEE FOR EARNEST MONEY  
(ON BANK'S LETTERS HEAD WITH ADHESIVE STAMP)**

Bank Guarantee No..... Dated

To

The Director General  
Sashastra Seema Bal  
East Block-V, R.K. Puram,  
New Delh- 110066i.

Dear sir,

Whereas .....  
(Hereinafter called the "tenderer")  
has submitted their offer dated .....for the supply of  
.....  
(Hereinafter called the "tenderer")  
against the purchaser's tender enquiry NO.....KNOW ALL MEN by these  
presents that WE..... of  
.....having our registered office  
.....are bound unto  
.....  
(hereinafter called the "tenderer")  
in the sum of ..... for which payment will and truly to be maded 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 .....200 .....

**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 this 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 not than 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 up to 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 and address of the Bank and address of the

Contd....23/P

**1. Technical Specifications as per DGS&D:**

**1.1**

**25 Watt VHF set with complete Accessories (Power cable, microphone, mounting bracket, patch cord & clips)**

**General:**

1. Frequency Range: 136-174 MHz
2. No. of Channel: 16 channels or more
3. Channel Spacing: 12.5 KHz
4. Frequency Spread: 5 MHz or more without degradation in Tx/Rx specifications
5. Frequency stability: 5 ppm or better
6. Type of Emission: 11KOF3
7. Type of operation: Simplex, press to talk with built in condenser mic. and speaker
8. Type of Antenna: Suitable Antenna may be submitted as accessories
9. Speaker Impedance: to be specified by the firms both at internal and external speaker point
10. Speaker: internal/socket for external speaker to be external speaker to be provided (the internal speaker should be cut off when external speaker is used)
11. Output impedance/termination: 50 Ohms and the aerial terminal should have UHF female socket or appropriate adopter should be provided with the sets
12. Protection: (i) Reverse polarity protection should be provided  
(ii) The final transistor should be protected against high VSWR
13. Weight: Max-2.5 Kg
14. Power Supply: 12 V DC nominal
15. Test voltage: specify DC test voltage at which specifications are complied.

**Transmitter:**

1. RF power output: 25W +/- 0.5dB
2. Frequency deviation: +/-2.5 KHz Max. (for 100% at 1 KHz) for 12.5 KHz channel spacing
3. Modulation sensitivity: 1 to 10mV at 1 KHz at Mic. Input for +/-1.5 KHz (for 12.5 KHz channel spacing standard deviation)
4. Modulation distortion: Less than 5% at 1 KHz reference +/-1.5 KHz (for 12.5 KHz channel spacing standard deviation)
5. Modulation fidelity: +1, -3 dB of 6dB/octave pre-emphasis characteristics from 350 Hz to 2700 Hz with 1 KHz as reference
6. Spurious & Harmonics: Better than 60dB suppression

**Receiver:**

1. Sensitivity 0.3 microV for 12 dB SINAD
2. Squelch sensitivity: 0.25 microV or better at threshold
3. Selectivity: Better than 60dB
4. Image Rejection: Better than 65 dB
5. Audio output: 1W with less than 5% distortion at 1 KHz reference measured at specified audio output
6. Audio Response: +1, -3dB of 6dB /octave de-emphasis characteristics from 350 Hz to 2700 Hz with 1 KHz as reference.

**Feature wise configurations:**

1. Simple press to talk
2. Protection against high VSWR
3. Channel spacing 12.5 KHz
4. CTCSS
5. PTT ID encode
6. CTCSS/DCS
7. Busy channel lockout
8. Channel scanning with call quieting facility
9. 2-tone /DTMF signalling/5-Tone-any
10. Selective call decode (through 2-Tone/DTMF/Digital Signalling/5-Tone-any one)
11. Capable of being killed/unkilled
12. Emergency SOS/Siren
13. LCD display (Min 4 charecters)
14. ANI
15. Talk around
16. DTMF Microphone



Handwritten signature and date: 15/11/2014

## 1.2

### **5W VHF hand held set with complete accessories (Helical antenna, Dust Cover, Ni-MH battery & holding clip)**

#### **General:**

1. Frequency Range: 136-174 MHz
2. No. of Channels: 16 channels or more
3. Channel Spacing: 12.5 KHz
4. Frequency Spread: 5 MHz or more without degradation in Tx/Rx specifications
5. Frequency stability: 5 ppm or better
6. Type of Emission: 11KOF3
7. Type of operation: Simplex, press to talk with built in condenser mic. and speaker
8. Type of antenna: Helical antennas suitable for the frequency spot specified in supply order
9. Speaker Impedance: To be specified by the firms both at internal and external speaker point
10. Output impedance/termination: 50 Ohms and the aerial terminal should have BNC female socket or appropriate adopter should be provided with the sets for DCPW for testing/evaluation
11. Protection: (i) Reverse polarity protection should be provided (ii) The final transistor should be protected against high VSWR
12. Weight: 600 gm Max. with battery
13. Power Source: Minimum 1400mAH 7.2V/7.4V, Ni-MH or Li-Ion or Li-Polymer battery.
16. Voltage: Test voltage to be indicated by the tenderers.

#### **Transmitter:**

1. RF Power output: 1W/5W+/- 0.5 dB switch able/programmable
2. Frequency Deviation: +/-2.5 KHz Max. (For 100% at 1 KHz) for 12.5 KHz channel spacing
3. Modulation Sensitivity: 1 to 10mV at 1 KHz at mic. Input for +/- 1.5 KHz (for 12.5 KHz channel spacing) standard deviation
4. Modulation Distortion: Less than 5% at 1 KHz reference for +/- 1.5 KHz (for 12.5 KHz channel spacing) standard deviation
5. +1, -3 dB of 6dB/octave pre-emphasis characteristics from 350 Hz to 2700 Hz with 1 KHz as reference
6. Spurious & Harmonics Suppression: Better than 60dB
7. VSWR: Better than 1.5

#### **Receiver:**

1. Sensitivity: 0.30 micro V for 12 dB SINAD
2. Squelch Sensitivity: 0.25 micro V or better at threshold
3. Selectivity: Better than 60dB
4. Image Rejection: Better than 65dB
5. Audio Output: 250mW/500mW with less than 5% distortion at 1 KHz reference measured at specified AF output
6. Audio Response: +1, -3 dB of 6dB/octave de-emphasis characteristics from 350 Hz. To 2700 Hz with 1 KHz as reference

#### **Feature wise configurations:**

1. Simple press to talk
2. Protection against high VSWR
3. CTCSS
4. Low Battery Alert
5. Capable of VOX for hands-free operation
6. PTT ID Encode
7. CTCSS or DCS
8. Busy channel Lockout
9. Channel scanning with call quieting facility
10. Selective call decode
11. Any one of 2tone/5tone/DTMF digital signalling
12. Capable of being killed/unkilled
13. Emergency SOS/Siren
14. LCD display (Min 4 characters)
15. ANI
16. Talk-around
17. DTMF keypad
18. Keypad lock
19. Battery strength bar indicator or digital voltage read out



Signature: *Jayant*  
Date: *15/11/20*

- 1.3** BNC Connector: As per compatibility with radio set.
- 1.4** GP Antenna 6 dB: As per compatibility with Radio set
- 1.5** 3 dB Mobile magnetic mount antenna: As per compatibility with Radio set
- 1.6** 3 dB Gain Mobile Antenna with mounting clamp: As per compatibility with Radio set
- 1.7** 30 Mtr. Co-Axial Cable with connectors: As per compatibility with Radio set
- 1.8** SMPS 12V, 10 Amp: As per compatibility with Radio set
- 1.9** Ni-MH Btys for 5W VHF Radios: 7.2V, 2300 mA AH with belt clip and As per compatibility with Radio set
- 1.10** Rapid Rate Battery Charger for Ni-Cd/Ni-MH/Li-Ion Btys: As per compatibility with Radio set

2. Radio sets should be able to inter-operate with existing Motorola sets for speech and signalling.

3. Offered Radios shall have provision to upgrade with SAG approved Encryption modules in future and has to be compatible with the SAG approved encryption module.

4. Offered Radios signalling has to be compatible with SSB's existing radios, MDC-1200 signalling to encode/decode PTT ID for user identification.

#### **5. INSPECTION:**

- (a) If on examination, material from any portion of a consignment is found not to be fully in accordance with this specification, the whole consignment is liable to be rejected.
- (b) If on examination of 20% of any delivery, 20% of those examined are found not to conform to this specification in any respect the whole consignment may be rejected. However when delivery lots are large the decision may be based on examination of 10% only i.e. on examination of 10% of the delivery 20% are found not to conform to this specification the whole delivery may be rejected.
- (c) The stores not fully in accordance with this specification shall be rejected.

#### **6. WARRANTY CLAUSE:**

The stores supplied against any order shall be deemed to bear a warranty of the contractor against defective material/workmanship and performance for a period of 2 Year from the date of receipt of stores at consignee's end. If during the period the stores supplied are found by the consignee to be so defective the same shall be replaced immediately with serviceable stores without and charges or cost.

**Commandant (Communication)**  
**For and on behalf of the President of India**

**UNDERTAKING**

It is certified that all the clauses in the instant tender documents have been read thoroughly and accepted in letter and spirit to follow the relevant instructions contained therein.

A handwritten signature in black ink, appearing to be 'Jouan' followed by a large flourish. Below the signature, the name 'Jouan' is written in a smaller, less stylized font.

Commandant (Communication)

Signature of bidder with stamp.