

**CURRENCY NOTE PRESS**

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Nashik Road # 422101 (Maharashtra)

(ISO : 9001 & ISO 14001 Certified Unit)

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GSTIN : 27AAJCS6111J3Z6

PR Number	PR Date	Indenter	Department
12003976	27.08.2021	ele	ELE

Not Transferable

Security Classification:

TENDER DOCUMENT FOR PURCHASE OF: PROCUREMENT OF VHF SET ALONG WITH ANTENNA AND WALKIE TALKIE

Tender Number: 6000017217/, Dated: 02.03.2022

This Tender Document Contains _____ Pages.

Details of Contact person in SPMCIL regarding this tender:

Name: V KIRAN KUMAR
Designation: Jt. General Manager (MM)
Address: CNPN (Currency Note Press, Nashik)
India

Section1: Notice Inviting Tender (NIT)

6000017217 /

02.03.2022

(SPMCIL's Tender SI No.)

(Date)

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
1	Wireless Walkie Talkie Handset	16.000 SET	13300.00 INR RUPPES THIRTEEN THOUSAND THREE HUNDRED ONLY	
2	Wireless VHF Base unit	4.000 EA		
3	Out Door VHF Antenna	4.000 EA		
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			TWO-BID National Competetive Bid	
Dates of sale of tender documents:			From 02.03.2022 to 04.04.2022 during office hours.	
Place of sale of tender documents			PURCHASE DEPT,CURRENCY NOTE PRESS,JAIL ROAD,NASHIK ROAD-422101	
Closing date and time for receipt of tenders			05.04.2022 14:30:00	
Place of receipt of tenders			PURCHASE DEPT,CURRENCY NOTE PRESS,JAIL ROAD,NASHIK ROAD-422101	
Time and date of opening of tenders			05.04.2022 15:00:00	
Place of opening of tenders			CISF GATE NO.01,CURRENCY NOTE PRESS,JAIL ROAD,NASHIK ROAD, NASHIK-422101	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			V KIRAN KUMAR Jt. General Manager (M)	

2. Eligibility to participate as per Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Ministry of Finance, Department of Expenditure, Public Procurement Division's Orders (Public Procurement 1, 2 and 3) F.No.6/18/2019-PPD dated 23rd/ 24th July 2020 (or any further amendments thereof) regarding eligibility of bidders from neighboring countries shall apply to this tender.

3. Please note that SPMCIL reserves its right to grant Purchase preferences in accordance with Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018 (as amended/ revised).

4. Interested bidders may obtain further information about this requirement from the above office selling the documents. They may also visit our website i.e. www.cnpnashik.spmcil.com for further details.

5. If requested, the tender documents will be mailed by registered post/ speed post to the domestic bidders and by International air-mail to the foreign bidders, for which extra expenditure per set will be Rs.236 for domestic post and Rs.354 for international air-mail. The bidder is to add the applicable postage cost in the non-refundable fee mentioned in Para 4 above.

6. Bidder may also download the tender documents from the website mentioned above and submit its tender by



utilizing the downloaded document; the bidder must not make any changes to the contents of the documents, except for filling the required information. A certificate to this effect must be submitted by the bidder in the Tender Form (Section X).

7. Bidders shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are dropped on or before the closing date and time indicated in the Para 1 above in the tender box located at the address given below , failing which the tenders will be treated as late and rejected. Tenders may also be sent through post at the address as above. However, Purchaser will not be responsible for any postal lapses or delays in receipt of the documents. In case NIT/ SIT provide for uploading of bids to nominated e-Procurement portal, bidders must upload their bids along with scanned copies as required enclosures (including proofs of cost of Tender Documents and EMD as applicable - unless an online payment gateway is provided in the instruction) as per instructions given in this regard. Original copies of such scanned uploaded required enclosures must reach in physical form within the date and place as provided in such instructions, otherwise their uploaded bid, would be declared as unresponsive.

8. In the event of any of the above-mentioned dates being declared as a holiday/closed day for the purchase organisation, the tenders will be sold/ received/opened on the next working day at the appointed time.

9. The tender documents are not transferable.

10. The bidder, their affiliates, or subsidiaries # including subcontractors or suppliers for any part of the contract # should not stand declared ineligible/ blacklisted/banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country#s laws or official regulations. A declaration to this effect shall be submitted by the bidder in the Tender Form (Section X).

11. SUBMISSION OF TENDER: The bid is to be submitted in two parts:

(i) The bid is to be submitted in two parts i.e. Part A: TECHNO-COMMERCIAL BID comprising of i) Earnest Money Deposit, ii) Documents required as per section VI, VII and IX, etc of the tender, iii) Duly sealed and signed full tender documents in a sealed envelope super scribed as techno commercial bid and Part-B: Comprising of only filled price bid as per section XI in a sealed super scribed as Price bid with our NIT reference No. & date. The aforesaid two envelopes should be put inside an Outer big size envelope duly sealed & this outer envelope again should be super scribed with words Techno-Commercial Bid & Price Bid against our Tender Document/NIT No., NIT Date & Due date and be addressed to the Chief General Manager, Currency Note Press, Nashik Road-422101(Maharashtra).

(ii) Bidders shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are dropped in the tender box located at the address given below on or before the closing date and time indicated in the Para 1 above, failing which the tenders will be treated as late and rejected.

(iii) The bid is to be submitted in Two part in sealed envelopes duly super scribed, Tender document fee & mention our NIT reference No. with date and Due date on the top of the sealed envelope and be addressed to the Chief General Manager, Currency Note Press, Nashik Road-422 101 (Maharashtra)

(iv) Offer will be accepted by INDIA POST/COURIER SERVICE/ DROP BOX only. Offer sent by FAX/E-Mail will not be considered.

(v) EARNEST MONEY DEPOSIT (EMD) shall be submitted in the form as given below: (a) Account Payee Demand Draft (b) Fixed Deposit Receipt (c) Banker#s cheque. The demand draft, fixed deposit receipt or banker#s cheque shall be drawn on any scheduled commercial bank in India, in favour of Currency Note Press - A Unit of SPMCIL. The earnest money shall be valid for a period of forty five days beyond the validity period of the tender. EMD should be sent along with your quotation. a) Quotation without EMD will summarily be rejected. The Earnest Money Deposit of un-successful bidders will be returned. b) Only one D.D./F.D.R./ Banker's Cheque should be given of adding all the item wise EMD amount as per tender quoted by you.

12. In case of order material in your favour for Rs. 2,50,000/-

or above, the supplier shall furnish the performance security amount/ Security Deposit(S.D) (03% of the ordered value) after issue of Purchase order by CNP, Nashik Road in favour of SPMCIL, Unit CNP, payable at Nashik. The performance security will be return back without any interest to successful bidder after the completion of all



contractual obligations.

13. Exemptions applicable as per circular no. 1(2)(1)/2016-MA Dated: 10.03.2016 of Government of India Ministry of MSME.

14. No exemption will be given for deposition of performance guarantee to any DIC/SSI/MSE/NSIC registered firm.

15. EMD of a bidder will be forfeited, if the bidder withdraws or amends its tender or impairs or derogates from the tender in any respect with in the period of validity of its tender. Future, if the successful bidder fails to furnish the required performance security within the specified period, its EMD will be forfeited.

16. If the bidder or any representative of the bidder wants to attend the Bid opening then that person should carry with him /her letter of Authority (Section XVII of SBD) in the same format to be produced at the time of Bid opening and before the bids are opened.

17. Bidders are requested to attend a pre-bid conference for clarification on technical specifications and commercial conditions of the Tenders, on the time, Date and Place mentioned in Para 1 above, Participation in the Pre-bid conference is restricted to prospective bidders who have been invited to participate in the tender or who have purchased the tender documents. Participation is not mandatory, however, in case a bidder chooses not to participate (or fails to do so) in the pre-bid conference, it would be assumed that they have no issues regarding the Technical/ commercial specifications/conditions.

18. Undersigned confirms that the required goods mentioned above are not available on GeM as per #GeM - Availability Report and Past Transaction Summary# (GeM - AR&PTS). This unique ID is GEM/GARPTS/18092021/3MLG7UKWIY0X

a. Mentioned in para 1 above or

b. It is not possible to extract GeM - AR&PTS report due to urgency or non-functioning of GeM at that time or due to non-availability of internet connection.

19. Any dispute in the matter will be under Nashik (Maharashtra) Jurisdiction only.

20. Right of acceptance: - The Chief General Manager, Currency Note Press reserves the right to reject any or all tenders without assigning any reason thereof.

21. Clarification of Tender Documents: A Bidder requiring any clarification or elucidation on any issue of the tender documents may take up the same with SPMCIL in writing or by fax / e-mail/ telex not later than twenty one days (unless otherwise specified in the SIT) prior to the prescribed date of submission of tender.

22. Any queries regarding the tender you may please contact at 0253-2454493 or 2461318. E-mail-purchase.cnpnashik@spmcil.com.

[Name, designation, address, tel. No etc. of the officer signing the document] For and on behalf of

.....



Tender Number:6000017217

.....

.....
(Name Designation, Address telephone number etc
of the officer signing the document)

For and on behalf of
.....



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Section II: General Instructions to Tenderers (GIT)

Part 1: General Instructions Applicable to all type of Tenderers

Please CLICK the link for further details
<https://spmCIL.com/uploaddocument/GIT/new.pdf>

BIDDERS ARE REQUESTED TO DOWNLOAD 61 PAGES BY CLICKING THE ABOVE SAID LINK & SUBMIT THE SAME DULY STAMPED AND SIGNED ALONG WITH TENDER DOCUMENT. UNSIGNED/UNSTAMPED PRINTOUT OF THESE PAGES ARE NOT ACCEPTABLE.

Section III: Specific Instructions to Tenderers (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

(Clauses of GIT listed below include a possibility for variation in their provisions through SIT. There could be other clauses in SIT as deemed fit.)

Sr No	GIT Clause No.	Topic	SIT Provision
01	3.	ELIGIBLE TENDERERS	Applicable
02	3.4	ELIGIBLE GOODS AND SERVICES (ORIGIN OF GOODS)	Not Applicable
03	6.1	THE TENDER DOCUMENTS INCLUDES:	Applicable
04	8	PREBID CONFERENCE	Not Applicable
05	9	TIME LIMIT FOR RECEIVING REQUEST FOR CLARIFICATION OF TENDER DOCUMENTS	Applicable
06	10.1	THE TECHNICAL BID TO BE SUBMITTED BY TENDERER SHALL CONTAIN THE FOLLOW	No Change
07	11.2	TENDER CURRENCY	Supplier is requested to quote price within 2 Decimal place.Quotation with price quote beyond 2 decimal place is ignored.
08	12.1	TENDER PRICES	Applicable
09	12.2, 33, 36.1	SCHEDULE WISE EVALUATION	Not applicable
10	12.6	GST DETAILS	No Change
11	14	PVC CLAUSE & FORMULA	Applicable
12	14.4 TO 14.7	EXCHANGE RATE VARIATION (ERV)	Not Applicable
13	16.2 A) TO C)	DOCUMENTS ESTABLISHING TENDERER#S ELIGIBILITY AND QUALIFICATIONS	Applicable
14	18.4, 18.5	EARNEST MONEY DEPOSIT (EMD)	Applicable
15	19	TENDER VALIDITY	120 Days from the date of tender opening
16	20.4	NUMBER OF COPIES OF TENDERS TO BE SUBMITTED	Single Copy (Original)
17	20.8	TWO BID SYSTEM	Applicable
18	20.9	E-PROCUREMENT	Not Applicable
19	34. AND 35.1	COMPARISON ON CIF DESTINATION BASIS	FOR CNP Nashik Road Basis
20	35.2 TO 35.6	ADDITIONAL FACTORS FOR EVALUATION OF OFFERS AND PREFERENTIAL SCHEMES	Applicable
21	43	PARALLEL CONTRACTS	Not Applicable
22	44.1	SERIOUS MISDEMEANOURS	No Change

Sr No	GIT Clause No.	Topic	SIT Provision
23	44.3	INTEGRITY PACT	Not Applicable
24	45.1	NOTIFICATION OF AWARD	No Change
25	50.	APPLICABILITY OF ADDITIONAL GIT FOR RATE CONTRACTS	Not Applicable
26	51.	APPLICABILITY OF ADDITIONAL GIT FOR PQB TENDERS	Not Applicable
27	52.	APPLICABILITY OF ADDITIONAL GIT FOR TENDERS INVOLVING SAMPLES	Not Applicable
28	53.	APPLICABILITY OF ADDITIONAL GIT FOR EOI TENDERS	Not Applicable
29	54.	APPLICABILITY OF ADDITIONAL GIT FOR TENDERS FOR DISPOSAL OF SCRAP	Not Applicable
30	55.	APPLICABILITY OF ADDITIONAL GIT FOR DEVELOPMENT/ INDIGENIZATION TENDER	Not Applicable



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Section IV: General Conditions of Contract (GCC)

Please CLICK the link for further details
<https://spmciil.com/uploaddocument/GCC/new.pdf>

BIDDERS ARE REQUESTED TO DOWNLOAD 36 PAGES BY CLICKING THE ABOVE SAID LINK & SUBMIT THE SAME DULY STAMPED AND SIGNED ALONG WITH TENDER DOCUMENT. UNSIGNED/UNSTAMPED PRINTOUT OF THESE PAGES ARE NOT ACCEPTABLE.

Section V: Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify/ substitute/ supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

(Clauses of GCC listed below include a possibility for variation in their provisions through SCC. There could be other clauses in SCC as deemed fit)

SI.No	GCC Clause No.	Topic	SCC Provision
01	1.2	ABBREVIATIONS:	Not Applicable
02	6.1, 6.3 & 6.5	PERFORMANCE BOND/ SECURITY	03 % of the total contract price valid for 60 days beyond completion of contractual obligations including warranty period: if any.
03	8.2	PACKING AND MARKING	Not Applicable
04	9	INSPECTION AND QUALITY CONTROL	Not Applicable
05	11.2	TRANSPORTATION OF DOMESTIC GOODS	No Change
06	12.	INSURANCE	No Change
07	14.1	INCIDENTAL SERVICES	Not Applicable
08	15	DISTRIBUTION OF DESPATCH DOCUMENTS FOR CLEARANCE/ RECEIPT OF GOODS	Not Applicable
09	16.2, 16.4	WARRANTEE CLAUSE	Applicable, 12 months from the date of acceptance/suitability of material.
10	19.3	OPTION CLAUSE	The buyer reserves the right to increase/decrease the supply order quantity by 25% at the same terms and conditions during the Currency of the contract and supplier is bound to accept it.
11	20.1	PRICE ADJUSTMENT CLAUSE	Not Applicable
12	21.	TAXES AND DUTIES	If the tenderer fails to include taxes and duties in the tender, no claim thereof will be considered by purchaser afterwards.
13	22.	TERMS AND MODE OF PAYMENTS	100% Payment will be made within 30 days after receipt of suitability and acceptance of material through NEFT/RTGS.
14	24.1	QUANTUM OF LD	Applicable (The Applicable GST if LD is levied will be collected from the firm's invoice).
15	25.1	BANK GUARANTEE AND INSURANCE FOR MATERIAL LOANED TO CONTRACTOR	Not Applicable
16	33.1	RESOLUTION OF DISPUTES	No Change
17	36.3.2,36.3.9	DISPOSAL/ SALE OF SCRAP BY TENDER	Not Applicable

Section VI: List of Requirements

Schedule No.	Breif Description of goods and services (Related Specifications etc. are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
1	Wireless Walkie Talkie Handset	SET	16.000	13300.00INR RUPPES THIRTEEN THOUSAND THREE HUNDRED ONLY	
2	Wireless VHF Base unit	EA	4.000		
3	Out Door VHF Antenna	EA	4.000		

1. Required Delivery Schedule: The firm should supply the material within 30 days of intimation by CNP/BNP about receipt of Decision letter to grant Walkie Talkie, Base Unit issued by WPC GOI to CNP, Nashik & BNP, Dewas.

2. Purchaser reserves the right to alter the delivery schedule as per requirement.

3. Required Terms of Delivery: -

A) CNP, Nashik Quantity (Walkie Talkie-08 Set, VHF base unit -02 & VHF Antenna-02):- FOR Currency Note Press, Nashik Road including stacking and unloading properly at site by the firm as shown by our representative.
Destination: - CURRENCY NOTE PRESS, JAIL ROAD, NASHIK ROAD # 422 101

B) BNP, Dewas Quantity (Walkie Talkie-08 Set, VHF base unit -02 & VHF Antenna-02):- FOR Currency Note Press, Nashik Road including stacking and unloading properly at site by the firm as shown by our representative.
Destination: - BANK NOTE PRESS, Dewas # 455001

4. Preferred Mode of Transportation: - BY ROAD.

5. Bid Validity: 120 days from due date of tender.

6. Bidders should submit offer as per price schedule (Section XI) in their sealed commercial bid separately.

7. Bidder have to open the link provided in Section II, IV & XII onwards and take print out of all the documents available and then sign and stamp each and every paper and submit along with the technical tender.

8. All the copies of tenders shall be complete in all respects with all their attachments/enclosures duly numbered.

9. The total cost inclusive of all elements as cited above on FOR Currency Note Press, Nashik Road (Maharashtra), India, basis should be indicated clearly both in words and figures in the price bid.

10. RISK PURCHASE:

(a) If the supplier after submission of tender and due acceptance of the same, i.e. after placement of contract fails to abide by the terms & conditions of these tender documents, or fails to supply the deliverables as per delivery schedule given or at any time repudiates the contract, the purchaser shall have the right to Invoke the Security-cum-Performance Guarantee if deposited by the supplier & procure stores from other agencies at the risk & consequence of the supplier. The cost difference between the alternative arrangement and supplier tendered value will be recovered from the supplier along with other incidental charges, including custom duty, excise duty, taxes,



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insurance, freight etc.,

(b) For all the purpose the award of contract will be considered acceptance of tender and formal contract pending signing of agreement. Supplier has to abide by all the terms and conditions of tender.

(c) In case of job work through alternative sources and if job work price is lower, no benefit on this account will be passed on to the supplier.

11. Bidders has to submit Bank details i.e.

a] Account Number :

b] Bank Name:

c] Branch:

d] IFSC Code:



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Section VII : Technical Specifications

1.0 Wireless Walkie Talkie Hand set (Digital) including all accessories.

1.1 Wireless handset for Two way radio functionality with the latest analogue & digital technology suitable and compatible for existing unit GP328, P6620i of Motorola Make.

1.2 Features :

Analogue / Digital

Voice communication

Dual capacity Direct mode

Digital Mobile radio (DMR) standard compliance.

Narrow banding compliance.

IP54 rated.

1.3 Technical specifications :

Channel Capacity : 255 (VHF) or higher

Typical RF output : 1 Watt (low), 5 Watts (High)

Frequency : 136 - 174 MHz (VHF)

Power Supply : 7.5 Volt (Nominal) +/- 20 %

Battery : NiMH 1400 mAh or better Battery.

1.4 Receiver specifications :

Frequency : 136- 174 MHz. (full Band)

Channel spacing : 12.5 KHz / 20 KHz / 25 KHz or better

Frequency Stability : +/- 0.5 ppm or better

Analogue sensitivity (12 dB SINAD) : 0.3 uV / 0.22 uV (Typical)

Digital sensitivity (5 % BER) : 0.3 uV / 0.19 uV (Typical)

Intermodulation : +70dB

Adjacent channel selectivity:45dB @12.5 KHz/70 dB @ 20/25 KHz.

Spurious Rejection : +70 dB

Rated audio : 0.5 W

Audio Distortion : @ rated audio : 5 % (3 % typical)

Hum & Noise : - 40 dB @ 12.5 KHz / -45 dB @ 20/25 KHz.

Audio response : TIA603D

Conducted Spurious Emission : -57 dBm

1.5 Transmitter Specification :

Frequency : 136 - 174 MHz.

Channel spacing : 12.5 KHz / 20 KHz / 25 KHz



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Frequency Stability : +/- 0.5 ppm
Low power output : 1 Watt
High Power Output : 5 Watts
Modulation limiting : +/- 2.5 kHz @ 12.5 KHz
+/- 4.0 kHz @ 20 kHz
+/- 5.0 kHz @ 25 kHz.
FM Hum & Noise : - 40 dB @ 12.5 kHz / -45dB @20/25 kHz
Conducted/Radiation Emission : -36 dBm < 1GHz / -30 dBm > 1 GHz.
Adjacent channel power : 60dB @ 12.5 KHz / 70 dB @ 20/25 KHz.
Audio Distortion : < 3 % (typical)
4FSK Digital Modulation : 12.5 kHz Data 7K60F1D & 7K60FXD
12.5 kHz Voice 7K60F1E & 7K60FXE
Combination of 12.5 kHz Voice & 12.5 kHz Data
Operating Temperature : -30 degree centigrade / + 60 degree centigrade
Storage temperature : -40 degree centigrade / + 85 degree centigrade

1.6 Environmental specifications :

Operating Temperature: -30°C / +60°C
Storage Temperature: -40°C / +85°C
Thermal Shock: Per MIL-STD
Humidity: Per MIL-STD
ESD: IEC 61000-4-2 Level 3 or better
Dust and Water Intrusion: IEC60529 - IP54 or better

1.7 Accessories :

Battery Charger : Single unit smart charger capable to charge Lithium-Ion, Lithium-Polymer, Ni-MH Batteries.
Programming Kit : All necessary software & hardware required for programming of the set.

1.8 Literature :

1. User manual with each radio sets should be provided free of cost in soft as well as hard copy.
2. Technical repairing manual with complete block diagram, circuit layout etc. should be provided as per users requirement in soft as well as hard copy.

1.9 Battery : One Extra Lithium-ion or Ni-Mh or Li-Polymer Battery shall be provided with each radio set.

1.10 Leather Case : One good quality leather case with belt clip shall be provided along with each hand set.



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1.11 Configurations :

Caller ID Display : should be available

Facility for locking the channel or locking the key pad : should be available

Scan with priority : Should be available.

Transmitter time out timer : The time should be programmed to best suit the application.

LCD Display : Should be available.

Mode of call : Selective call, group call facility, inter & intra group call facility.

Remote radio kill / stun / revive facility : Should be available.

Mode of operation : Radio should operate in analogue mode & digital mode Complete with existing all type analogue radio sets viz. Motorola.

Emergency Button : Allows a user to obtain help in critical situations.

SMS Texting : Should be capable of sending pre-defined messages & short messages from keypad.

Programming : front panel programming with password protection or PC programming.

DTMF front panel key pad with back lit : should be provided.

Battery strength bar : Should be available.

Support GPS : Inbuilt GPS system with accuracy of less than 10 meters.

Radio should have application protocol interface along with software applications to provide location & messaging on PC / consol.

Networking : should be IP based for automatic roaming etc.

License terms and condition:

i. Successful bidder shall liaison on behalf of CNP & BNP Dewas (MP) for arranging license for operation of wireless walkie talkie sets by Currency Note Press, Nashik & BNP Dewas. All expenses for license shall be borne by bidder except statutory fee.

ii. Payment shall be made after receipt of license by unit and suitability of Walkie Talkie, base unit & antenna

2.0 Base Unit (Mobile Radio) including all accessories

2.1 Base Unit complete set as analogue / digital mobile radio complete with all features of latest technology from superior audio to greater coverage.



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2.2 Features :

Analogue / Digital
Voice communication
Canned Text Message
Dual capacity Direct mode
Transmit Interrupt
Voice Announcement
Alphanumeric Display
Digital Mobile radio (DMR) standard compliance.
IP54 rated.

2.3 Technical specifications :

Channel Capacity : 255 (VHF) or higher
Typical RF output : 1-25 Watt (low), 25-45 Watts (High)
Frequency : 136 - 174 MHz (VHF) full band
Dimensions : approximate 44mm (H) x 169 mm (W) x 134 mm (L).
Current Drain : 0.81 A max.
Standby : 2 A Max.
Transmit : 25 - 45 Watts ; 14.5 A max.
FCC Description : 1-25 Watts ; ABZ99FT3090
: 25 - 45 Watts ; ABZ99FT3091
Protocol technology : Digital TDMA or FDMA Technology or best latest advance technology.
Type of emission : Analogue : 11KOF3E
Digital : 4 FSK or equivalent technique complying to open standard / nonproprietary Digital protocol as defined by an international standard body like ETSI /FCC etc.
Type of operation : Simplex, press to talk.
Weight : less than 2000 gm.
Power source : 13.8 Volt DC +/- 15 %
Protection : Reverse polarity protection
Protection against high VSWR.

2.4 Transmitter :

RF Power output : 25 Watts
FM Hum & Noise : -40 dB or better
Modulation Limiting : +/- 2.5 KHz @ 12.5 KHz.
Adjacent channel power : +60 dB or better
Audio distortion : less than 3 %
Receiver specifications :
Frequency : 136 - 174 MHz.
Channel spacing : 12.5 KHz / 25 KHz
Frequency Stability : +/- 0.5 ppm



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Analogue sensitivity (12 dB SINAD) : 0.3 uV
Digital sensitivity (5 % BER) : 0.25 uV / 0.19 uV (Typical)
Intermodulation : 70dB or better
Adjustment channel selectivity : 50 dB @ 12.5 KHz / 75 dB @ 25 KHz .or better.
Spurious Rejection : 75 dB
Rated audio : 4 W (internal) , : 7.5 W (External # 8 Ohms)
Audio Distortion : @ rated audio : 5 % (3 % typical)
Hum & Noise : - 40 dB @ 12.5 KHz / -45 dB @ 20/25 KHz.
Audio response : TIA603D
Conducted Spurious Emission : -57 dBm

2.5 Environmental specifications:

Operating Temperature : -30°C / +60°C
Storage Temperature : -40°C / +85°C
Humidity : max 95 % @ +40 Degree, non-condensing

2.6 Accessories:

Microphone : DTMF Microphone should be supplied with radio.
Battery cable & mounting Fixtures : should supplied with radio.
Programming Kit : All necessary programming software & hardware required for the set will be provided as per users requirement in soft & hard copy format.

Literature :

1. User manual with each radio sets should be provided free of cost in soft as well as hard copy.
2. Technical repairing manual with complete block diagram, circuit layout etc. should be provided as per users requirement in soft as well as hard copy.

2.7 Configurations :

Caller ID Display : should be available
Facility for locking the channel or locking the key pad : should be available
Scan with priority : Should be available.
Transmitter time out timer : The time should be programmed to best suit the application.
LCD Display : Should be available.
Mode of call : Selective call, group call facility, inter & intra group call facility.
Remote radio kill / stun / revive facility : Should be available.
Mode of operation : Radio should operate in analogue mode & digital



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mode

Complete with existing all type analogue radio sets viz. Motorola.

Emergency Button : Allows a user to obtain help in critical situations.

SMS Texting : Should be capable of sending pre-defined messages & short messages from keypad.

Programming : front panel programming with password protection or PC programming.

DTMF front panel key pad with back lit : should be provided.

Battery strength bar : Should be available.

Support GPS : Inbuilt GPS system with accuracy of less than 10 meters.

Radio should have application protocol interface along with software applications to provide location & messaging on PC /consol.

Networking : should be IP based for automatic roaming.

License terms and condition:

i. Successful bidder shall liaison on behalf of CNP & BNP Dewas(MP) for arranging license for operation of wireless VHF Base Unit by Currency Note Press, Nashik & BNP Dewas(MP). All expenses for license shall be borne by bidder except statutory fee.

ii. Payment shall be made after receipt of license by unit & suitability of Walkie Talkie, Base unit & antenna.

3.0 Out Door VHF Antenna including all accessories

3.1 3dB to 6dB gain whip antenna with suitable length of co-axial cable up to base unit with connector, magnetic base/ mounting racket for vehicle use will be provided as per users requirement.

3.2 3dB to 6 dB gain Omni directional antenna with 30 to 40 meter RF cable for base station will be provided as per users requirement.
Make: Motorola or equivalent.

3.3 Antenna should be compatible to work with VHF set & Walkie Talkie.

4.0 Other Terms & Conditions :

4.1 Walkie Talkie & VHF Base unit should be able to communicate with each other i.e. Walkie talkie & VHF Base unit should be compatible for communication with each other.



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4.2 Firm will have to tune all the Walkie Talkie “VHF Base units to communicate with other at respective location.

4.3 Firm shall have to provide training for operation & functional preventive maintenance of Walkie talkies, VHF Base sets.



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Section VIII: Quality Control Requirements

The material will be accepted on manufactures/supplier's guarantee certificate to be sent to purchaser. The material will be inspected in presence of firm's representative. If any defects observed or any material found unsuitable, then the same should be replaced by the supplier at Currency Note Press, Nashik Road for free of cost. The defective material(s), if any, will be handed over to the supplier at Currency Note Press Stores, against receipt and acceptance of the replacement.

Successful bidder has to prove that the equipment is fully complying with the technical specification of the equipment mentioned in Section VII.



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Section IX: Qualification / Eligibility Criteria

MINIMUM ELIGIBILITY CRITERIA

The following shall be the minimum eligibility criteria for selection of bidders.

1. Experience and past performance:

The bidder i.e. Manufacturer or Supplier should have supplied at least Eight(08) Wireless Walkie Talkie Handset & Two (02) VHF Set along with antenna in any one year during last 05 years ending 31.03.2021.

2. Financial Standing:

(a) Average Annual Turnover of the bidder should be more than 2,64,500/- during last three financial years i.e. 2018-2019, 2019-2020 and 2020-2021.

(b) Bidder firm should not have suffered any financial loss for more than one year during the last three financial years i.e. 2018-2019, 2019-2020 and 2020-2021.

(c) The net worth of the firm should not be negative and should not have eroded by more than 30% in the last three financial years i.e. 2018-2019, 2019-2020 and 2020-2021.

The bidder shall enclose the C.A. certified copies of balance sheet, Profit & loss account/ trading account for Completed three financial years i.e. 2018-2019, 2019-2020 and 2020-2021.

3. The bidder should submit Power of Attorney of the Authorized Signatory for signing the bid, entering in to contract, if awarded and for any other correspondences.

4. The bidders shall enclose attested copy of GST Registration (in REG 06) & attested copy of PAN.

5. The bidder should give undertaking/declaration that they have read and understood all the terms & conditions of tender documents and submitting unconditional acceptance to all terms & conditions.

6. The bidder should give a declaration that they have not been black-listed/ debarred for dealing by Government of India in the past.

7. Bidder/Dealer should possess valid Dealer possession License issued by wireless planning & co-ordination wing/wireless monitoring organization. Equipment shall be procured only from bidder/dealer who are in possession of valid dealer possession license.



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8. The bidder should submit valid Manufacturer Authorization certificate.

9. Note:-

(i) In support of experience & capability criteria, the bidder has to submit attested copies of P.O's, Experience certificates issue by customers.

(ii) All experience, past performance & capacity/ capability related/data should be certified by the authorized signatory of the bidder firm. The credentials regarding experience and past performance to the extent required as per eligibility criteria submitted by bidder may be verified from the parties for whom work has been done.

(iii) All financial standing data such as Balance Sheet, Profit & Loss account statement etc. should be certified by certified accountants e.g. Chartered Accounts (CA) or cost accountant (CMA). Financial statement duly certified by CA/CMA for year 2018-2019, 2019-2020 and 2020-2021 to be submitted.

Bidder to furnish stipulated documents support of fulfillment of qualifying criteria. Non submission or incomplete submission of documents may lead to rejection of offer.



SECURITY PRINTING AND MINTING
CORPORATION OF INDIA LIMITED

TENDER NO: 6000017217

Section X: Tender Form

To,
Currency Note Press, Nashik
A Unit of Security Printing & Minting
Corporation of India Limited
Wholly Owned by Govt. of India
Nashik

Ref: Your Tender document No. 6000017217 dated:

We, the undersigned have examined the above-mentioned tender enquiry document, including amendment No. -----, dated ----- (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver..... (description of goods and services) in conformity with your above referred document for the sum shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V –“Special Conditions of Contract”, for due performance of the contract.

We agree to keep our tender valid for acceptance for a period upto -----, as required in the GIT clause 19, read with modification, if any in Section-III –“Special Instructions to Tenderers” or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender upto the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We confirm that in case of downloaded Tender Document, we have not changed/edited its contents. We realise that in case any such change is noticed at any stage including after the award of contract, we would be liable to action under clause 44 of the GIT.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We also solemnly declare as under:



TENDER NO: 6000017217

1. MSMEs Status:

Having read and understood the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 (as amended and revised till date), and solemnly declare the following:

- (a) Company /Partnership Firm /Proprietary Concern / Society/Trust / NGO/Others (Please Specify):
- (b) Micro/ Small / Medium Enterprise/ SSI/ Govt. Deptt. / PSU/ Others:
- (c) Name of MSME Registering Body (NSIC/ DIC/ KVIC/KVIB etc.):
- (d) MSME Registration no. (with copy of registration):.....
- (e) Udyog Aadhaar Memorandum no.....
- (f) Whether Proprietor/ Partner belongs to SC/ ST or Women category.
(Please specify names and percentage of shares held by SC/ST Partners) :
.....

2. Make in India Status:

Having read and understood the Public Procurement (Preference to Make in India PPP_MII) Order, 2017 (as amended and revised till date) and related notifications from the relevant Nodal Ministry/ Department, and solemnly declare the following:

- (a) Self-Certification for category of supplier:
 - Class-I Local Supplier/
 - Class-II Local Supplier/
 - Non-Local Supplier.
- (b) We also declare that
 - There is no country whose bidders have been notified as ineligible on reciprocal basis under this order for offered product, or Tender Form

SPMCIL

- We do not belong to any Country whose bidders are notified as ineligible on reciprocal basis under this order.

3. Restrictions on procurement from bidders from a country or countries, or a class of countries under Rule 144 (xi) of the General Financial Rules 2017 having read and understood the Order (Public Procurement No. 1) issued vide F.No.6/18/2019-PPD dated 23rd July 2020 (and its amendments if any) by Department of Expenditure, Ministry of Finance under the above provision and solemnly declare the following:

- We do not belong to any Country whose bidders are notified as ineligible under this order

4. Debarment Status: Please state whether business dealings with you currently stand suspended/ banned by any Ministry/ Deptts. of Government of India or by any State Govt:



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- Yes (with period of Ban)
- No, We, solemnly declare that neither we nor any of our affiliates or subsidiaries– including subcontractors or suppliers for any part of the contract– do not stand declared ineligible/ blacklisted/ banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country’s laws or official regulations.

5. Penalties for false or misleading declarations: I/we hereby confirm that the particulars given above are correct and complete and also undertake to advise any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of code of Ethics and would attract penalties as mentioned in this tender document, including debarment.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign tender for and on behalf of

.....
.....



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SECTION XI: Price Schedule

SUMMARY OF PRICE SCHEDULE (FOR INDIAN BIDDERS): PRICES SHOULD BE ON FOR, CNP, NASHIK ROAD BASIS.

TENDER NO.6000017217

(Indigenous Offers)

To,
Currency Note Press, Nashik
A Unit of Security Printing & Minting
Corporation of India Limited
Wholly Owned by Govt. of India, Nashik

OFFER FORM for Tender No. 6000017217 Date of openingTime.....Hours.....

We hereby certify that we are established firm of manufacturers / authorized agents of M/s..... with factories at which are fitted with modern equipment and where the Production methods, quality control and testing of all materials and parts manufactured or used by us are open to inspection by the representative of ...(Name of Purchaser). We hereby offer to supply the following items at the prices indicated below:

Schedule No	Description	Specification	Unit	Qty	Total Price per unit (In Indian Rupees) See table below for Break-up of Price	Total value of offer (in Indian Rupees)	Terms of payments	Delivery period	Gross weight and dimensions of package per unit
1	2	3	4	5	6	7	8	9	10
01	Wireless Walkie Talkie Handset	As per Section VII Technical Specification	SET	16					
02	Wireless VHF Base unit		EA	4					
03	Out Door VHF Antenna		EA	4					
Grand Total (Rs.)									



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Break-up of price in Column - 6 (In Indian Rupees)

Sr. No	Ex-Factory Price after considering input GST credit available to vendor	Name of Manufacturer/ OEM	Country of Origin	HSN/SAC Code	GST % (including GST Cess if any) with Break-up of CGST/ STGST/ UTGST/ IGST	Per Unit GST total	Packing & Forwarding in detail	F.O.R. Station of Dispatch Price	Freight (& Insurance charges) up to Destination	FOR Destination Price
A	B	C	D	E	F	G	H	I	J	K
01										
02										
03										

1. Scope of Supply: (Cost break-up of the quoted cost, showing inter-alia costs of all the concomitant Installation/ Commissioning/ Training/ Technical Support/ incidental services/ software/ accessories, considered necessary to make the proposal self-contained and complete must be indicated here.)

2. Taxation Details:

- PAN number
- Type of GST Registration (Registered, Unregistered, Composition, SEZ, RCM etc.)
- GSTIN number
- Registered Address as per GST registration and Place of Delivery for GST Purpose
- Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts)

.....

3. It is hereby certified that we have understood the General and Special Instructions to Tenderer's (GIT and SIT), and also the General and Special Conditions of Contract (GCC and SCC) attached to the tender and have thoroughly examined specifications/ Quality Control Requirements and other stipulations in Section VII & VIII – Technical Specifications and Quality Control Requirements; and are thoroughly aware of the nature of stores required and our offer is to supply stores strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the General and Special Conditions of Contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.



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4. We hereby offer to supply the stores detailed above or such portion thereof, as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of ---- days from the date of opening of tender (i.e., up to ----), We shall be bound by the communication of acceptance dispatched within the prescribe time.

Dated.....

Signature and seal of Manufacturer/Bidder

Note:

(i) The Bidder may prepare their own offer forms as per this proforma.

(ii) No change in the proforma is permissible.

(iii) No erasures or alternations in the text of the offer are permitted. Any correction made in the offer shall be initialed by the bidder.

(iv) Figures in Columns 5 to 7 (both inclusive) and in Break-up of price in column 6, should be in both figures and words.

(v) This Section should not bring in any new Technical Parameter that has not been mentioned in the Technical Bid.



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- SECTION XII: QUESTIONNAIRE
 SECTION XIII: BANK GUARANTEE FORM OF EMD
 SECTION XIV: MANUFACTURER'S AUTHORIZATION FORM
 SECTION XV: BANK GUARANTEE FORM FOR PERFORMANCE SECURITY
 SECTION XVI: CONTRACT FORM
 SECTION XVII: LETTER OF AUTHORITY FOR ATTENDING A BID OPENING
 SECTION XVIII: SHIPPING ARRANGEMENT FOR LINER CARGOES
 SECTION XIX: PROFORMA OF BILLS FOR PAYMENTS

Please [CLICK](#) the link for further details

<http://cnpnashik.spmcil.com/SPMCIL/UploadDocument/SBDTEMPLATE1.pdf>

TWO BID, SINGLE STAGE (TWO PACKETS) TENDER BIDDER'S CHECK LIST
 BEFORE TENDER SUBMISSION

Part I: - TECHNO-COMMERCIAL BID

Sr. No.	Tender Submission Check Points	Check before submission Tick (✓)
1	Earnest Money Deposit (EMD)	
2	Tender Document duly Seal & Signed	
3	Term of Delivery :- FOR, CNP Nashik road, duly unloaded	
4	Tender Validity 120 days as per the tender	
5	Technical Specification –Section VII as per tender	
6	Submit Manufacturer's Authorization form (As Applicable)	
7	Accept the Warranty clause as per tender (As Applicable)	
8	Submit the documents as per Qualification / Eligibility criteria – Section IX (As Applicable)	
9	Fill Tender Form – Section X duly seal & sign (Without mentioning price)	
10	Delivery Period: Acceptance of delivery period as per Section VI of tender Document.	
11	Blank price schedule format as per Section XI indicating 'XXXX'	
12	Power of Attorney for signing the bid document and contract, if awarded.	
13	Section II - General Instructions to Tenderer's (GIT)	
14	Section IV - General Conditions of Contract (GCC)	
15	Section XII to XIX of Tender Documents	

Part II: - PRICE BID

Sr. No.	Tender Submission Check Points	Check before submission Tick (✓)
1	Price Bid as per Section XI (Price including all taxes & other charges)	

.....
 (Bidder's Seal & Sign)