



OFFICE OF THE DIVISIONAL FOREST OFFICER: DEOGARH DIVISION

Phone No. 06641-226403/226503 (OFFICE/FAX), Cell No. 9437055978

Email- dfo.deogarh@odisha.gov.in


SHORT TENDER NOTICE

Tender No. 09/2023-24 Dated: - 15.02.2024.

Divisional Forest Officer, Deogarh Forest Division on behalf of Governor of Odisha invites sealed tenders from reputed intending Manufacturing Firms/ Dealers/ Suppliers having valid GSTIN and PAN Registration No. for supply of 40 (Forty) nos of Walkie-Talkie sets and 15 (Fifteen) nos of vehicle Mounted VHF sets for use in Deogarh Forest Division for communication and monitoring of forestry & wildlife activities. The tender papers with detailed terms and conditions will be available in the Office of DFO, Deogarh on payment of Rs. 1,000/- (One thousand) only in cash or Account Payee Bank Draft in favour of Divisional Forest Officer, Deogarh Forest Division during office hours from 16.02.2024 to 27.02.2024 till 11:00 am. The Tender Papers can be submitted at the below mentioned address on or before 27th February, 2024 latest by 11.00 AM by Speed Post/ registered post/ by hand only. The tender will be opened in the office of the undersigned on 27th February, 2024 at 11.30 AM.

Post/Courier: Divisional Forest Officer, Office of the DFO, Deogarh Forest Division, At: -
Traffic Chowk, Pin-768108.

Email-id: dfo.deogarh@odisha.gov.in



Divisional Forest Officer
Deogarh Forest Division

1. General Instructions (Necessary support documents are to be enclosed)

- A. The tender process will be of two bid system-Technical Bid and Financial bid process. The tenderer should submit two separate sealed covers mentioning Technical Bid & Financial Bid. The tenderer which qualifies in Technical Bid only will be eligible to participate in Financial Bid.
- B. The Bid Must Contain the Requisite Tender Document Cost of Rs.1000/- and EMD of Rs. 50,000/- as per the advised mode in the technical tender document. The Bid documents can be obtained from the office of the undersigned on payment of requisite fee or can be downloaded from website www.odishaforest.in/www.deogarh.nic.in from 11:00 Hours of 16.02.2024 to 11:00 Hours of 27.02.2024 at 11:00 Hours for bidding.
- C. EMD should be in the shape of Demand Draft issued by a nationalized or scheduled bank in favour of "The Divisional Forest Officer, Deogarh Forest Division, "Payable at Deogarh. The bid document is available on working day in the office of the undersigned.
- D. The bidder must have valid GSTIN and must furnish the GST Registration certificate, GST Clearance certificate, PAN, IT and GST return for 2021-22 to 2023-24 in the bid documents.
- E. Last date of bid submission (by messenger / Courier / Post)- 27th February, 2024 at 11.00 AM in the office of the Divisional Forest Office, Deogarh Forest Division.
- F. Date of bid opening – 27th February, 2024 at 11.30 AM in the office of the Divisional Forest Officer, Deogarh Forest Division, Deogarh.
- G. Tenderers have to mention the Company, Model, Manufacture year and detailed Technical Specifications of the Walkie-Talkie sets and vehicle Mounted VHF sets in the Technical Bid. The Tender Evaluation Committee will scrutinize and verify the model & Specifications on the same date and will open the Financial Bids of technically qualified bidders.
- H. The decision of the Tender Evaluation Committee shall be final. The committee has right to alter/modify/add/delete any terms and conditions of the tender call notice. The committee also reserves the right to cancel the Tender process at any point of time without mentioning the reasons thereof.
- I. The Cost of tender paper of Rs. 1000/- and EMD cost of Rs.50,000/- in the shape of Demand Draft issued by a nationalized or scheduled commercial bank should be enclosed in technical bid only and not in financial bid.

Terms & Conditions:

1. The bidders shall mention details of the Company, Model, Manufacture year and detailed Technical Specifications of the Walkie-Talkie sets and vehicle Mounted VHF sets in the Technical Bid.
2. The bidders can also indicate any superior technical specifications.
3. The successful bidder must give training for minimum 7 days to the staff for use of the Walkie-Talkie sets and vehicle Mounted VHF sets.
4. The Bidder must satisfy all the Eligibility Criteria to participate in the Tender Process.


Divisional Forest Officer
Deogarh Forest Division
15/02/24

A. TECHNICAL BID OF TENDER APPLICATION FORM FOR 40 (FORTY) NOS OF WALKIE-TALKIE SETS AND 15 (FIFTEEN) NOS OF VEHICLE MOUNTED VHF SETS FROM MANUFACTURING FIRMS/ AUTHORIZED DEALERS / SUPPLIERS

01. Name of the Manufacturing Firm/ Authorized Dealer/ Supplier:
02. Name of the Owner/ Proprietor:
03. Name of the Authorized representative:
04. Permanent Address in Full:
05. Present business Address for Correspondence:
06. Communication with Telephone No:
07. PAN CARD No. & Aadhaar No. (copies are to be submitted):
08. G.S.T. Registration No.
(A copy of registration certificate is to be attached)
09. Copy of Filing of GST Return
For the year 2021-22, 2022-23,2023-24
(Copy is to be submitted)
10. Filing of Income Tax Returns for Last 3 years.
11. Copy of Order for supply of Walkie-Talkie sets to any other Division/office/Department:
12. Walkie-Talkies Specifications:
13. Amount of Tender Paper Deposited with receipt No:
14. EMD deposited with BD No. date & Bank details:
15. List of documents submitted with Tender Papers:
 - a)
 - b)
 - c)
 - d)
 - e)
 - f)

I declare that the particulars furnished above are true to the best of my knowledge and I accept all terms conditions of this tender without any objections.

Place
Date

Full Signature of the Tender.
Full Postal Address with Contact No.



B. FINANCIAL BID OF TENDER APPLICATION FORM FOR 40 (FORTY) NOS OF WALKIE-TALKIE SETS AND 15 (FIFTEN) NOS OF VEHICLE MOUNTED VHF SETS FROM MANUFACTURING FIRMS/ AUTHORIZED DEALERS / SUPPLIERS

B. Name of the Manufacturing Firm/ Authorized Dealer/ Supplier:

01. Permanent Address in Full:

02. Present Address with Telephone No:

03. Rate Quoted by the Tenderer:

Serial No.	Name of the Equipment	Make and Model	Specifications	Total cost (inclusive of all Taxes)
1	Walkie-Talkie Sets			
2	Vehicle Mounted VHF Sets			

Certified that I shall supply the above mentioned equipments in the rate quoted against each as per the order of the Divisional Forest Officer, Deogarh Forest Division. In no case the quoted rate will be changed / enhanced and I shall supply good quality equipments selected for supply. I shall be responsible to supply the same failing which my earnest money deposit security deposit amount will be forfeited to Government.

Place:

Full Name and Signature of the Tenderer

Date:

GENERAL SPECIFICATIONS FOR WALKIE-TALKIES (VHF) SETS/ PORTABLE RADIO HANDSET

FEATURES

- Analog / Digital
- Voice Communications
- Dual Capacity Direct Mode
- Digital Mobile Radio (DMR) Standards Compliant
- Narrowbanding Compliant
- IP54 Rated

TECHNICAL SPECIFICATIONS FOR WALKIE-TALKIES (VHF) SETS/ PORTABLE RADIO HANDSET

Sl. No.	PARAMETER	VHF
1	Channel Capacity	32
2	Typical RF Output	
	Low Power	1W
	High Power	5W
3	Frequency	136-174Mhz
4	Radio Dimensions (H x W x D) with battery:	
	NiMH 1400mAH	5.0 x 2.4 x 1.7 in (127.7 x 61.5 x 42.0 mm)
	Slim Li-Ion 1600mAH	5.0 x 2.4 x 1.5 in (127.7 x 61.5 x 39.0 mm)
	Li-Ion 2200mAH	5.0 x 2.4 x 1.8 in (127.7 x 61.5 x 44.0 mm)
5	Weight with battery:	
	NiMH 1400mAH	14.3 oz (406 g)
	Slim Li-Ion 1600mAH	12.1 oz (341 g)
	Li-Ion 2200mAH	12.2 oz (346 g)

6	Power Supply	7.5V (Nominal) \pm 20%
7	BATTERY-Average Life	
	NiMH (1400mAh) Battery	Analog: 9 hrs / Digital: 11.5 hrs
	Li-Ion Slim (1600mAH) Battery	Analog: 10.5 hrs / Digital: 13.5 hrs
	High Cap Li-ion (2200mAH) Battery	Analog: 14.5 hrs / Digital: 18.5 hrs
8	RECEIVER	
	Channel Spacing	12.5 kHz / 20 kHz / 25 kHz ²
	Frequency Stability (-30°C, +60°C, +25°C Ref)	\pm 0.5 ppm
	Analog Sensitivity (12 dB SINAD)	0.3 μ V / 0.22 μ V (typical)
	Digital Sensitivity (5% BER)	0.3 μ V / 0.19 μ V (typical)
	Intermodulation (TIA603D)	-70 dB
	Adjacent Channel Selectivity (TIA603D)	45 dB @ 12.5 kHz / 70 dB @ 20/25 kHz ²
	Spurious Rejection (TIA603D)	-70 dB
	Rated Audio	0.5 W
	Audio Distortion @ Rated Audio	5% (3% typical)
	Hum and Noise	-40 dB @ 12.5 kHz / -45 dB @ 20/25 kHz ²
	Audio Response	TIA603D
	Conducted Spurious Emissions (TIA603D)	-57 dBm
9	TRANSMITTER	
	Channel Spacing	12.5 kHz / 20 kHz / 25 kHz ²
	Frequency Stability (-30°C, +60°C, +25°C Ref)	\pm 0.5 ppm
	Low Power Output	1 W
	High Power Output	5 W
	Modulation Limiting	\pm 2.5 kHz @ 12.5 kHz / \pm 4.0 kHz @ 20 kHz / \pm 5.0 kHz @ 25 kHz ²
	FM Hum and Noise	-40 dB @ 12.5 kHz / -45 dB @ 20/25 kHz ²

	Conducted / Radiated Emission	-36 dBm < 1 GHz / -30 dBm > 1 GHz
	Adjacent Channel Power	60 dB @ 12.5 kHz / 70 dB @ 20/25 kHz
	Audio Response	TIA603D
	Audio Distortion	< 3% (typical)
	4FSK Digital Modulation	12.5 kHz Data: 7K60F1D and 7K60FXD 12.5 kHz Voice: 7K60F1E and 7K60FXE Combination of 12.5 kHz Voice and Data: 7K60F1W
	Digital Vocoder Type	AMBE +2™
	Digital Protocol	ETSI TS 102 361-1, -2, -3
10	ENVIRONMENTAL SPECIFICATIONS	
	Operating Temperature ¹	-30°C / +60°C
	Storage Temperature ¹	-40°C / +85°C
	Thermal Shock	Per MIL-STD
	Humidity	Per MIL-STD
	Dust and Water Intrusion	IEC60529 - IP54

Make and Model of Walkie Talkies for supply to Deogarh Forest Division (Preferably)

Sl. No.	Make	Model	Quantity
1	Kenwood	NX-1200 Digital	40
2	Kenwood	NX-1200 Analog	40
3	Motorola	XIRP-3688 Digital	40
4	Motorola	XIRP-8668 Digital	40

GENERAL SPECIFICATIONS FOR VEHICLE MOUNTED VHF SET/ BASE STATION

FEATURES

- Analogue / Digital
- Voice Communications
- Canned Text Message
- Alphanumeric Display
- Intelligent Audio
- Dual Capacity
Direct Mode
- Voice Announcement
- Digital Mobile Radio
(DMR) Standards
Compliant
- IP54 Rated

TECHNICAL SPECIFICATION FOR VEHICLE MOUNTED VHF SET/ BASE STATION

Sl. No.	PARAMETER	VHF
1	Channel Capacity	16-160
2	Typical RF Output	
	Low Power	1-25 W
	High Power	25-45 W
3	Frequency	136-174 MHz
4	Dimensions (H x W x L)	1.7 x 6.7 x 5.3 in (44 x 169 x 134 mm)
5	Weight	2.9 lbs (1.3 kg)
6	Current Drain	
	Standby	0.81 A max
	Rx @ Rated Audio	2 A max
	Transmit	1-25 W: 11.0 A max / 25-45 W: 14.5 A max
7	RECEIVER	
	Frequency	136-174 MHz

	Channel Spacing	12.5 kHz / 25 kHz
	Frequency Stability (-30°C, +60°C, +25°C Ref)	± 0.5 ppm
	Analog Sensitivity (12 dB SINAD)	0.3 uV 0.22 uV (typical)
	Digital Sensitivity (5% BER)	0.25 uV 0.19 uV (typical)
	Intermodulation (TIA603D)	75 dB
	Adjacent Channel Selectivity (TIA603D)	50 dB @ 12.5 kHz 75 dB @ 25 kHz
	Spurious Rejection (TIA603D)	75 dB
	Rated Audio	4 W (Internal) 7.5 W (External - 8 ohms) 13 W (External - 4 ohms)
	Audio Distortion @ Rated Audio	3% (typical)
	Hum and Noise	-40 dB @ 12.5 kHz -45 dB @ 25 kHz
	Audio Response	TIA603D
	Conducted Spurious Emissions (TIA603D)	-57 dBm
8	TRANSMITTER	
	Frequency	136-174 MHz
	Channel Spacing	12.5 kHz / 25 kHz
	Frequency Stability (-30°C, +60°C, +25°C Ref)	± 0.5 ppm
	Low Power Output	1-25 W
	High Power Output	25-45 W
	Modulation Limiting	± 2.5 kHz @ 12.5 kHz ± 5.0 kHz @ 25 kHz
	FM Hum and Noise	-40 dB @ 12.5 kHz -45 dB @ 25 kHz
	Conducted / Radiated Emission	-36 dBm < 1 GHz -30 dBm > 1 GHz
	Adjacent Channel Power	60 dB @ 12.5 kHz 70 dB @ 25 kHz

	Audio Response	TIA603D
	Audio Distortion	3%
	FM Modulation	12.5 kHz: 11K0F3E 25 kHz*: 16K0F3E
	4FSK Digital Modulation	12.5 kHz Data: 7K60F1D and 7K60FXD 12.5 kHz Voice: 7K60F1E and 7K60FXE Combination of 12.5 kHz Voice and Data: 7K60F1W
	Digital Vocoder Type	AMBE +2™
	Digital Protocol	ETSI TS 102 361-1, -2, -3
9	ENVIRONMENTAL SPECIFICATIONS	
	Operating Temperature	-30°C2 / +60°C
	Storage Temperature	-40°C / +85°C
	Thermal Shock	Per MIL-STD
	Humidity	Per MIL-STD
	ESD	IEC 61000-4-2 Level 3
	Dust and Water Intrusion	IP54, MIL-STD*
	Packaging Test	Per MIL-STD

Make and Model of Vehicle Mounted VHF sets for supply to Deogarh Forest Division (Preferably)


Sl. No.	Make	Model	Quantity
1	Motorola	XiRM-3688 Digital	15
2	Motorola	XiRM-8660i Digital	15
3	Motorola	XiRM-6660 Digital	15
4	Motorola	XiRM-8668i Digital	15

Additional mandatory Terms and Conditions for qualifying in the Technical BID.

1. Copies of GST return (2021-22, 2022-23, 2023-24 till last month), Income Tax return (2021-22, 2022-23, 2023-24) along with copies of PAN card and GST registration shall be submitted along with the technical BID.
2. **Experience Criteria:** The Bidder must have regularly supplied Walkie-Talkie sets and vehicle mounted VHF sets to any Department of Odisha Government for 2 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support. (Copy of Purchase Order / Supply Order / GeM Contract shall be submitted by the bidder for technical qualification). Tampered copy of Purchase Order / Supply Order / GeM Contract shall be rejected and such bidder shall be liable for blacklisting and criminal action.
3. The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25% of the bid quantity at the time placement of order. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during continuity of the contracted rates. Bidders are bound to accept the orders accordingly.
4. Undertaking that all the certificates / permissions / documents are valid and current as on date and have not been withdrawn / cancelled by the issuing authority. The Authority have right to ask for Original documents if any doubt arises.
5. OEM or Authorized Seller of OEM shall be allowed to participate in the BID. The certificate to this effect should be submitted.
6. Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
7. Scope of supply (Bid price to include all cost components): Supply Installation Testing Commissioning of Goods. Pairing of Frequency shall be done by the seller as per the Govt. of Odisha, Forest Department before delivery.
8. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
9. Warranty period of the supplied products shall be 02 years from the date of final acceptance of goods. The seller should guarantee the rectification of goods in case of any problem down during the warranty period.
10. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if: i) The Seller fails to comply with any material term of the Contract. ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent. iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly. iv) The Seller becomes bankrupt or goes into liquidation. v) The Seller makes a general assignment for the benefit of creditors. vi) A receiver is appointed for any substantial property owned by the

Seller. vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

11. Noncompliance of any of the Terms & Conditions mentioned in the Bid, the bidder / seller shall be rejected.


Divisional Forest Officer 15/02/24
Deogarh Forest Division