

Notice Inviting e-Tender No. WBPTEL/ADG/eNIT-27/Wireless Stores/2019-20 Date: 20/11/2019

The Additional Director General & Inspector General of Police, Telecommunication, West Bengal invites e-Tenders on behalf of Home Department, Government of West Bengal from the bonafide Manufacturers/Direct Importers/Dealers who has tender specific authorization for the items in the table below:-

Sl.	Name of Item/Project	Requirement	Remarks
1	DMR Transceiver Repeater	14	Technical Specification detail enclosed with N.I.T. (Annexure – IV)
2	DMR Transceiver Static/Mobile Version	200	
3	DMR Handheld Version	200	
Earnest Money: Rs. 3,00,000.00 (Rupees Three Lakhs) only			

A) ELIGIBILITY OF BIDDERS:

Only Manufacturers/Direct Importers/Dealers having the Tender specific authorization from OEM (Original Equipment Manufacturer) and valid DPL (Dealer Possession Licence) are eligible for participation in the Tender.

1. For the event of e-filling, intending bidder may download the Tender documents from the Web Page Links “wbttenders.gov.in/nicgep/app” or “policewb.gov.in/wbp/tender.php” directly with the help of Digital Signature Certificate. Earnest Money Rs. 3,00,000.00 (Rupees Three Lakh) only have to be remitted through online. No alternative will be accepted. Necessary Earnest Money will have to be deposited by the bidder electronically: online – through his net banking enabled bank account, maintained at any bank. Bidders will get the Beneficiary details from e- tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI) & IFSC Code. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD. Bidders eligible for exemption of EMD as per Govt. rule may avail the same and necessary documents regarding the exemption of EMD must be uploaded in the EMD folder of Statuary bid documents.
2. Financial Bid is to be submitted online (both words & figures) concurrently duly digitally signed in the website: <http://wbttenders.gov.in> as per Date & Time schedule stated in Clause 10.
3. (a) Bid will remain valid for a period of 1 (one) year from the issuing of acceptance letter.
(b) Conditional/incomplete bid will not be considered.
(c) Tenderers should specify the address within the City of Kolkata and Phone/Mobile, Fax No./e-mail I.D. for the purpose of quick communication in the event of urgency.
(d) All the products should have warranty period of 5 years from the date of receipt of the materials.

4. The selected Bidders shall have to deposit 5% security deposit of the total contract value of the items in favour of the Additional Director General & Inspector General of Police Telecommunication, West Bengal in G P Notes/ Bank Guarantee Bond/F.D.R. of any nationalized bank and to execute an agreement of contract within 3 (three) days from the date of issue of the work order failing which the letter of acceptance, so issued, may be treated as cancelled as well as the earnest money so deposited may be forfeited and the firm may be blacklisted. No interest would be paid on the performance Security Deposit. Payment will be made as and when fund will be available from the concerned source subject to complete supply of articles.
5. Orders for the supply and installation of the approved products will be placed with the successful tenderers after the execution of the agreements, and such supply shall have to be made in such installments as may be fixed or spread over the period to be specified in the supply orders to be made in pursuance of the agreements. The successful tenderer will have to supply within one month, that should be assured at the time of selection as supplier.
6. Tender Specific authorization Certificate of OEM (Original Equipment Manufacturer) and valid DPL (Dealer Possession Licence) is mandatory. and should be produced in original at the time of Demonstration of the equipments.
7. It should be noted that the firm/firms will be selected purely on a "PROVISIONAL BASIS" and the forecast requirement may increase or decrease by any quantity during the period of validity of the tender. The purchase or execution order will be made subject to availability of Government Fund. After the tender, proposal will be initiated to the Government for allotment of Fund.
8. Additional Director General & Inspector General of Police, Telecommunication, West Bengal reserves the right to reject any/or all the tendered rates without assigning any reason and not to place any orders even after selection and is not liable for any cost that might have incurred by any bidder at the stage of bidding and also reserves the right to, divide the contract amongst any number of tenderers, if required so.
9. Additional Director General & Inspector General of Police Telecommunication, West Bengal does not bind himself to accept the lowest rate.
10. Selected contractors will have to supply articles according to the indents placed with them from time to time within the specified period as per approved sample and/or the product demonstrated for inspection and evaluation, failing which the firm may be blacklisted with the forfeiture of security deposit. In the event of the non-supply of articles or if articles supplied by the selected contractors) is found to be sub-standard, the Additional Director General & Inspector General of Police Telecommunication, West Bengal may, without notice to the contractors) purchase from elsewhere the articles required. Any loss incurred by reason of the price paid for such article(s) or any other loss or expense incurred by reason of such default on the part of the contractors) may be deducted from the bills or any money payable to the contractors) or from the security deposit of the concerned contractor(s). If the performance of the supplied items/equipment are found unsatisfactory or not as to the desired level even after payment, the supplier has to refund the entire amount paid to him earlier for that particular item/equipment.

10. DATE & TIME SCHEDULE:

Sl. No.	Particulars	Date & time
1.	Date of uploading of N.I.T Documents (Online)	20.11.2019 at 1800hrs
2.	Documents download/Sell Start date (Online)	20.11.2019 at 1800hrs
3.	Date of hoisting of documents at Departmental Website “policewb.gov.in”	21.11.2019 at 1400hrs
4.	Bid submission start date (Online)	20.11.2019 at 1800hrs
5.	Pre bid meeting at Telecom Hqrs	25.11.2019 at 1200hrs
6.	Bid submission closing date (Online)	11.12.2019 at 1400hrs
7.	Technical Bid opening (Bid A)	13.12.2019 at 1400 hrs
8.	Demonstration Date	20 & 21.12.2019 at 1100hrs
9.	Date of uploading list of technically qualified bidders	To be notified later
10.	Date for opening of Financial Proposal (Bid B) (Online)	To be notified later
11.	Date of uploading list of bidders along with the approved rates	To be notified later

11. **Bid opening Location:** Office of the Additional Director General & Inspector General of Police, Telecommunication, West Bengal, 3 Manik Bandyopadhyay Sarani, Tollygung, Kolkata 700 040.

12. Canvassing on the part of tenderers will render his tender to be cancelled summarily.

13. For any clarification regarding the Tender, Tenderers are requested to visit Dy.SP Technical Telecommunication Hqrs., 3 Manik Bandyopadhyay Sarani, Tollygunj, Kolkata 700 040.

NB: Any inconsistencies in the descriptions may be expeditiously brought to the notice of the Tendering authority.

B) INSTRUCTIONS TO BIDDERS

GENERAL GUIDANCE FOR e-TENDERING:

Instructions/ Guidelines for electronic submission of the tenders have been annexed for assisting the contractors to participate in e-Tendering.

I. REGISTRATION OF THE CONTRACTOR:

Any contractors willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System, through logging on to <https://wbtenders.gov.in> (the Web Portal of Public Works Department) the contractor is to click on the link for e-Tendering site as given on the web portal.

II. DIGITAL SIGNATURE CERTIFICATE (DSC):

Each Contractor is required to obtain a Class-II OR Class-III Digital Signature Certificate (DSC) for submission of tenders for the approval service of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the website stated in Clause-I above DSC is given as a USB e-Token.

III. The contractor can search & download N.I.T. & Tender Document(s) electronically from computer once he logs on to the website mentioned in Clause-I using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

IV. SUBMISSION OF TENDERS:

Tenders are to be submitted through online to the website stated in Clause-I in two folders at a time for each work, one in Technical Bid & the other is Financial Bid before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digital Signed. The documents will get encrypted (transformed into non readable formats).

V. PENALTY CLAUSES :

PENALTY FOR FORMATION OF CARTEL OR FURNISHING OF FRAUDULENT / MISLEADING DOCUMENTS: If during the tender process or at any state during the validity of the tender period, it is found that a Tenderer(s) has formed a cartel in whatsoever form or name to fix up the rates or suppliers to the detriment of the fairness of the tender process, penal measures shall be initiated. Similar penal measures shall also be initiated against those tenders who have submitted false / misleading / fraudulent documents or made incorrect declarations. The penal measure will be forfeiture of Earnest Money, Forfeiture of Performance Bank Guarantee if enlisted as a supplier.

C) TECHNICAL PROPOSAL:

The Technical proposal should contain scanned copies of the following in two covers (folders).

(a) Statutory Cover Containing the following documents:

(1) NIT (2) EMD (3) AGREEMENT PAPER (AS ANNEXTURE-III) (4) Application Format (AS ANNEXURE – I) (4) TECHNICAL SPECIFICATIONS & WARRANTIES WILL BE FIVE YEARS ONSITE FROM THE DATE OF RECEIPT OF MATERIALS .

(b) Non-statutory Cover containing the following documents:

THE ABOVE STATED NON-STATUTORY/TECHNICAL DOCUMENTS

SHOULD BE ARRANGED IN THE FOLLOWING MANNER

Click the check boxes beside the necessary documents in the My Document list and then click the tab "Submit Non Statutory Documents" to send the selected documents to Non-Statutory folder.

Next Click the tab "Click to Encrypt and upload" and then click the "Technical" Folder to upload the Technical Documents.

Sl. No.	Category Name	Sub-Category Description	Detail(s)
A	Certificate(s)	Certificate(s)	GST Registration, Trade License, Income Tax/PAN, Letter of Authorization/DPL (Dealer Possession License) / OEM (Original Equipment Manufacturer), Latest P.Tax (Challan).
B	Company Detail(s)	Company Detail	Proprietorship Firm-Trade License / Partnership Firm (Partnership Deed, Trade License) / Ltd. Company (Incorporation Certificate, Trade License) / Society (Society Registration Copy, Trade License) / Power of Attorney.
C	Credential	Credential - 1	Similar nature of work done & completion certificate, which is applicable for eligibility in this tender.
D	Returns	Income Tax	Last 3 Financial Year's of Income Tax i.e. for 2015-16 2016-17 & 2017-18

NOTE : BLACK & WHITE SCAN

MULTIPAGE SCAN

DPI MAX 200-300

D) FINANCIAL PROPOSAL:

(a) The contractor is to quote the rate online through computer in the space marked for quoting rate with BOQ (Bill of Quantities).

(b) If any contractor is exempted from payment of EMD, copy of relevant Government Order needs to be furnished.

(c) The financial proposal should contain the following documents in one cover (folder) i.e., BOQ (Bill of Quantities).

(d) Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor. If any tenderer fails to produce the original hard copies of the documents like completion certificate and any other documents on demand of the Tender Evaluation Committee within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies, it may be treated as submission of false documents by the Tenderer and action may be referred to the appropriate authority for prosecution as per relevant IT Act.

E) OPENING & EVALUATION OF TENDER:

1. Opening of Technical Proposal: A Committee comprising of Superintendent of Police, Deputy Superintendent of Police, a team of Technical officers of Telecommunication West Bengal and experts in the field will open the Technical bid of the Tender.
2. Intending Tenderers may remain present if they so desire.
3. Cover (folder) for Statutory Documents will be opened first and if found in order, cover (folder) for Non-Statutory Documents will be opened. If there is any deficiency in the Statutory Documents the tender will summarily be rejected.
4. Decrypted (transformed into readable formats) documents of the non- statutory cover will be downloaded & handed over to the Tender Evaluation Committee.
5. Summary list of technically qualified tenderers will be uploaded online after field trial.
6. Pursuant to the scrutiny, decision of the Tender Evaluation Committee, the summary list of eligible tenderers & the serial number of work for which their proposal will be considered will be uploaded in the web portals.

7. AFTER OPENING THE TECHNICAL BID, THE EVALUATION OF THE DEMONSTRATION WILL BE DONE ON TESTING OF EQUIPMENT. Vendors shall arrange necessary testing equipments at the time of Evaluation of the Radios and Repeaters.

8. After the uploading of technically qualified bidders Financial Bid will be opened. This e-Tender executes implementation of DMR Project, which includes Repeaters, Static/Mobile and Hand Held version Sets. Bidders should participate for all the 3 (three) items as mentioned in NIT. Financial Evaluation will be done on the combined rates for the total items and L1 will be selected as a summation of Sl. Nos. 1 to 3 as mentioned in NIT.

F) REJECTION OF BID:

The Additional Director General & Inspector General of Police Telecommunication, West Bengal reserves the right to reject any/or all the tendered rates without assigning any reason and not to place any orders even after selection and is not liable for any cost that might have incurred by any bidder at the stage of bidding and also reserves the right to divide the contract amongst any number of Tenderers if required so and to place order for more or less than the quantity mentioned in the forecast requirement. Additional Director General & Inspector General of Police, Telecommunication, West Bengal does not bind himself to accept the lowest rate.

G) AWARD OF CONTRACT:

The Bidder whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance online to save time.

The notification of award will constitute the formation of the Contract.

The time frame for attending the fault and restoration of equipment within the warranty period and penalty clause for the defaulters will be included in the agreement. All the tender documents including N.I.T. & B.O.Q. will be the part of the contract documents. After receipt of Letter of Acceptance, the successful bidder shall have to submit requisite copies of contract documents downloading from the website stated in the N.I.T. along with requisite EMD.

Payment Terms: Payment will be made after successful Installation & Commissioning of the Project.

Training: Necessary technical training regarding (I) Configuration of Repeater, (II) System Planning & Operation, (III) Repairing and Maintenance. Training shall be given to 15 (fifteen) technical persons for 2 (two) weeks.

Service & Spare Parts Support: Support for Service/Spare Parts minimum 10 (ten) Years and spare availability within 4 (four) weeks after receipt of supply order.

Programming Kit: All necessary Hardware, Cables, Connectors, required attenuator and Software for each Network area viz. Repeater , Handheld & Mobile Sets and one set for Telecom HQ to be supplied after getting the supply order.

Technical/Service Manual: Hardcopy and Softcopy for each item and for each Network area to be supplied.

H) VALIDITY PERIOD: The contract period will be up to December, 2020.

I) Warrantee:- The Tenderer should obtain a letter from the Manufacturer that the Model quoted in the Tender Confirms to the specifications of the product manufactured as on the date and latest. Also, the product should be latest model and on site service / repair will be provided for the period as mentioned in the specifications, up to 5 (five) years from the date of receipt of materials.

J) The Lowest (L/1) Bidder shall be responsible for installation and commissioning of DMR Project.

Bidders should participate for all the 3 (three) items as mentioned in the table in 1st paragraph of this NIT. Financial Evaluation will be done on the combined rates for the total items and L1 will be selected as a summation of Sl. No. 1 to 3 as mentioned in NIT.

Sd/-

**Additional Director General
& Inspector General of Police
Telecommunication, West Bengal**

FORMAT FOR CHECK LIST

Sl.No.	Items	Pl mark ✓		Page No.
		Yes	No	
1	Application submitted in Annexure - I	Yes	No	
2	Annexure - II (Authorization letter of signatory from the Company)	Yes	No	
3	Annexure - III (Copy of agreement between the manufacturer and the Distributor)	Yes	No	
4	Copy of PAN Card of the authorized signatory	Yes	No	
5	Last 3 financial years' returns of Income Tax, i.e., for 2016-17, 2017-18 & 2018-19	Yes	No	
6	Last quarters of last 3 financial years' returns of GST/VAT for 2016-17, 2017-18 & 2018-19	Yes	No	
7	Lead time compliance certificate from the tenderer. Format will be : Time of Delivery , Time of Installation , Time of Commissioning of System, Time of Training etc.	Yes	No	

Annexure - I

APPLICATION FORMAT

(To be furnished in the Company's official letter pad with full Address and Contact No., etc.)

To:

**The Addl. Director General & Inspector General of Police
Telecommunication, West Bengal
3 Manik Bandyopadhyay Sarani
Tollygunj, Kolkata 700 040**

Sub: NIT for Wireless Stores at Office of the Addl. Director General, & Inspector General of Police,
Telecommunication, West Bengal, 3 Manik Bandyopadhyay Sarani, Tollygunj, Kolkata 700 040.

Ref:

Sir,

Having examined the pre-qualification & other documents published in the NIT, I/we hereby submit all the necessary information and relevant documents for evaluation:

1. That the application is made by me / us on behalf of
In the capacity of.....duly authorized to submit the offer.
The

authorization letter from the Company is attached in Annexure II.

2. We accept the terms and conditions as laid down in the NIT mentioned above and declare that we shall abide by it for throughout the tender period.

3. We are offering rate for all the item /items and assured supply to the West Bengal Police Telecommunication, Government of West Bengal as mentioned in Page-1.

4. (a) We propose that the order and bill should be raised in our name. For liaisoning, we have appointed M/s having its office at (Address, Contact No. and e-mail address) as C&F agent /Liaisoner /Contact person/..... Others (strike out whichever is not applicable) as per clause of the NIT

OR

(b) We propose that order and bill should be raised in favour of our authorized Distributor. For that purpose, we have appointed M/s having its office at (Address with contact No. and e-mail Address) as authorized Distributor who will receive order and payment in his name on our behalf.

(c) The agreement between ourselves and the distributor/C&F/Liaisoner & other documents as prescribed is attached in annexure III .

5. In the event of being selected, supply will be made within the stipulated period excepting the condition which is beyond our control.

6. We understand that:

(a) Tender Selection Committee can amend the scope & value of the contract bid under this project.

(b) Tender Selection Committee reserves the right to reject any application without assigning any reason.

Date:-

Signature of applicant including title.
and capacity in which application is made.

Telephone No.:

Mobile No.:

e-Mail Address:

Annexure - II

Authorization letter from Company for authorized signatory.

Annexure - III

Copy of agreement signed between tenderer and the distributor etc.

Annexure - IV

TECHNICAL SPECIFICATIONS FOR DMR CONVENTIONAL NETWORK

1. DMR Repeater Set:

GENERAL

Frequency Range	136 to 174 MHz (split or full band)
TDMA	2-Slot
Operating Mode	Dual Standard (Digital and Analog)
Operating Selection	Fully automatic for Analog and Digital
Channel Capacity	16 or more
Channel Spacing	12.5 KHz
Operating Voltage	Integrated supply built-in or outside Battery connection
Frequency Stability	± 0.5 PPM or better
Interface	Ethernet Port for IP Connectivity
Antenna Impedance	50 Ω
Duty Cycle	100%
VSWR	Better than 1.5
Protection	Reverse polarity

TRANSMITTER

RF Power Output	Up to 50 Watts
FM Modulation	11KW0F3E, 7K60FXE, 7K60FXD, 7K60FXW, 7K60F1W
Digital Modulation	4 FSK
Modulation Limiting	± 2.5 KHz @ 12.5 KHz
FM Hum and Noise	-40dB or better
Adjacent Channel Power	-60dBc or better
Audio Response	+1, -3 db
Digital vocoder	AMBE+2

RECEIVER

Sensitivity (analog)	0.30 μ V or less (12db SINAD)
Sensitivity (digital)	0.30 μ V or less at 5% BER
Image Rejection	80 db or less
Adjacent Channel Selectivity	60 db or better
Inter-modulation	70 db or better

NETWORK

IP based and Microwave compatibility to connect the DMR Repeater Stations to enable wide area network for users Radio Set, operating the network from one site/cell to another cell automatically, i.e., without manual intervention. Both IP and Microwave connectivity is to be established by the vendor.

FEATURES

Auto Detection between Digital & Analog Mode Signal, 2 Slot operation in Single Carrier (One Pair of RF Channel), designed with proper Heat Dissipation capacity, Dedicated Repeater, PC Programming.

ACCESSORIES

6 dB GP Antenna (Suitable Frequency will be supplied), Co-Axial Cable 30 metre, Duplexer Unit, User Manual (Soft and Hard copy)

2. DMR Static/Mobile Set:

GENERAL

Frequency Range	136 to 174 MHz (split or full band)
TDMA	2-Slot
GPS	Built-in
Channel Capacity	1024 or more
Channel Spacing	12.5 KHz
Operating Voltage	10.8 to 15.6 V DC
Frequency Stability	\pm 0.5 PPM or better
Antenna Impedance	50 Ω
Display	1.7" or more
Microphone	DTMF Microphone

TRANSMITTER

RF Power Output	5 to 25 Watts (Programmable)
FM Modulation	11KOF3E,7K60FXE, 7K60FXD, 7K60FXW, 7K60F1W
Digital Modulation	4 FSK
Modulation Limiting	± 2.5 KHz @ 12.5 KHz
FM Hum and Noise	-40dB or better
Adjacent Channel Power	-60dBc or better
Audio Response	+1, -3 db
Digital vocoder	AMBE+2

RECEIVER

Sensitivity (analog)	0.30 μ V or less (12db SINAD)
Sensitivity (digital)	0.30 μ V or less at 5%BER
Adjacent Channel Selectivity	60 db or better
Inter-modulation	70 db or better
Audio Output	Minimum 3Watts
Audio Distortion	3% or better

<u>ENVIRONMENTAL</u>	MIL-STD
-----------------------------	---------

FEATURES

Simple Press to Talk, Low Battery Alert, CTCSS or DCS, Mixed Mode Operation,(analog & Digital), Signaling (2 tone, 5 tone, DTMF, Digital), Busy Channel Lockout, Selective Call Decode, PTT ID Encode, Channel Scanning with call quieting facility, Emergency SOS/SIREN, Talk-around, Automatic Number Identification (ANI), Text message and predefined message, Keypad, Inbuilt GPS with horizontal accuracy of 10 m or less, Time to first fix (TTFF) cold start (1 minute) , Time to first fix (TTFF) hot start (10 second), Capable of being Killed and Unkilled

ACCESSORIES

- 1 (One) 0 dB GP Antenna and 1 (One) 3dB Whip Antenna with each set
- User Manual (Soft and Hard copy)
- Service Manual per 20 sets
- Computer interface cable
- Software for Programming the set

3. DMR Hand Held Set:

GENERAL

Frequency Range	136 to 174 MHz (split or full band)
TDMA	2-Slot
GPS	In-built
Channel Capacity	1024 or more
Channel Spacing	12.5 KHz
Battery Capacity	2500 mAH (Li-ion) or more
Frequency Stability	± 0.5 PPM or better
Antenna Impedance	50 Ω
Display	1.7" or more
Key Pad	DTMF Key Pad

TRANSMITTER

RF Power Output	1 to 5 Watts
FM Modulation	11KOF3E, 7K60FXE, 7K60FXD, 7K60FXW, 7K60F1W
Digital Modulation	4 FSK
Modulation Limiting	± 2.5 KHz @ 12.5 KHz
FM Hum and Noise	-40dB or better
Adjacent Channel Power	-60dBc or better
Audio Response	+1, -3 db
Digital vocoder	AMBE+2

RECEIVER

Sensitivity (analog)	0.20 μ V or less (12db SINAD)
Sensitivity (digital)	0.20 μ V or less at 5%BER
Adjacent Channel Selectivity	60 db or better
Inter-modulation	70 db or better
Audio Output	Minimum 500 mW
Audio Distortion	3% or better

ENVIRONMENTAL

MIL-STD

FEATURES

Simple Press to Talk, Low Battery Alert, CTCSS or DCS, Mixed Mode Operation,(analog & Digital), Signaling (2 tone, 5 tone, DTMF, Digital), Busy Channel Lockout, Selective Call Decode, PTT ID Encode, Hands Free Operation with Hands Free Kit, Channel Scanning with call quieting facility, Emergency SOS/SIREN, Talk-around, Automatic Number Identification (ANI), Text message and predefined message, Keypad, Inbuilt GPS with horizontal accuracy of 10 m or less, Time to first fix (TTFF) cold start (1 minute) , Time to first fix (TTFF) hot start (10 second), Capable of being Killed and Unkilled.

ACCESSORIES

Helical Antenna, Belt Clip, Single Position Battery Charger,
1 (One) Spare Battery for each set,
User Manual (Soft and Hard copy)
Service Manual per 20 sets
Computer interface cable per 20 sets
Software for Programming the set