

**OFFICE OF THE DIRECTOR::MPRO
MEGHALAYA::SHILLONG**

TENDER NOTICE

Sealed tender affixing non-refundable court fee stamp of Rs.1000/-(Rupees one thousand) only are invited from bonafide, established, reputed manufacturers or their authorised dealers for entering into the rate contract for supply of:

“VHF RADIO & ACCESSORIES”

as per the Technical Specifications, Terms and conditions laid down in the Tender

Terms and Conditions

1. Items offered must be of reputed companies/manufacturers and should meet with all the specifications as those given in Annexure. Tender should be accompanied with catalogue, warranty/ guarantee or any related papers & will be received upto 1400 hrs. on the **07/01/ 2013** and will be opened on the same day at 1500 hrs. Bidders or their authorised representatives are invited at the time of opening of the tender. Tenders received after 1400 hrs. of 07/01/ 2013 by hand or by post will be summarily rejected.
2. Tender must be accompanied by:-
 - (a) Affixed non-refundable court fee stamp of Rs.1000/-.
 - (b) Earnest money of Rs.40,000/-(Rupees forty thousand) only in the following forms only (i) Crossed Bank Draft or (ii) Deposit at Call payable to the Director, MPRO, Meghalaya, Shillong at any Nationalised Bank at Shillong. Tenderers belonging to Schedule Caste/Schedule Tribe may deposit 50% of the amount above subject to the production of such certificate.
 - (c) Authenticated copy of rate contract with DGS & D if tenderers have any existing and valid rate contract with DGS & D.
 - (d) Dealership/distributorship certificate from the Principal manufacturers.
 - (e) Valid and current Dealer Position Licence (DPL) for trading in wireless radio equipment as issued by the Ministry of Information & Telecommunication, Govt. of India.
 - (f) Sample of the radios quoted should be made available for test evaluation
 - (g) Should enclose copy of VAT registration and up-to-date return certificates
3. The following information must be mentioned on the body of the envelop containing the quotations, failing which the sealed envelop of the quoting firm will not be opened.
 - (a) VAT certificate and return -is enclosed
 - (b) Earnest money -is enclosed.
 - (c) Court Fee stamp - is enclosed.
 - (d) Dealership certificates from Principal manufacturers. - is enclosed
 - (e) SC/ST Certificate. - is enclosed

Contd. Pg.2/-

- (f) Dealer Position Licence Certificate - is enclosed
- (g) Passport size photograph of the bidder should also be enclosed - is enclosed

Failure to enclosed any one of these documents or enclosure of any invalid documents will result in automatic rejection of the quotation.

4. Rates quoted
- (a) should be inclusive of all charges, like custom duty, packing, insurance, VAT and other incidental charges. Local taxes should be shown separately if applicable.
 - (b) should be inclusive of cost of accessories.
 - (c) should be valid for one calendar year from the date of acceptance of tender.
 - (d) should be quoted FOR destination Shillong, door delivery
 - (e) Should be inclusive of all Charges like packing, insurance, transit risk and other incidental charges only C.S.T. against 'D' form may be shown extra as applicable.
 - (f) Should be written clearly in figure and in words. Any alteration or overwriting must be fully signed by the tenderers.
 - (g) Once the rates offered in the tender are accepted enhancement will not be entertained under any circumstances and tenderers will be liable to supply the items at the accepted rate. Failure to supply the items at the accepted rates will entail the offer being cancelled and the security money will be forfeited to the Government of Meghalaya.
5. Tender should be addressed to the undersigned by designation and not by name. Sealed envelope containing the tender must be super scribed as

“VHF RADIO & ACCESSORIES”

and must be sent by register post or hand delivery.

6. The successful tenderers will be:-
- (a) intimated by a Letter of Acceptance of the Director, MPRO, Meghalaya, Shillong. Till then no bidder has any right to assume that his/her tender has been accepted. There shall be no claim whatsoever for compensation for any expenditure incurred by any tenderers in anticipation of acceptance letter.
 - (b) required to furnish a security deposit as per rates mentioned below and execute the contract agreement to ensure fulfillment of the terms and conditions of the contract which successful bidder/s will have to enter into. Such security deposit will be subjected to forfeiture in case of non-fulfillment of terms and conditions of the tender notice on the contract agreement. The earnest money of the successful tenderer/s will not be released till the full security deposit is furnished. Earnest money of the successful tenderer/s will be forfeited to the Government in case of failure to furnish security money in full.
 - (c) Required to furnish Valid Trading Licence from the Khasi Hills Autonomous District Council prior to the supply of the materials at the MPRO Headquarter Shillong, East Khasi Hills District, Meghalaya.

7. **RATES OF SECURITY DEPOSIT**

For contract upto Rs.20,000/- 2% from local & 3% from non-Locals.
For contract upto Rs.50,000/- 3% from local & 4% from non-Locals.
For contract upto Rs.1,00,000/- 4% from local & 5% from non-Locals.
For contract over Rs.1,00,000/- 5% for all catagories .

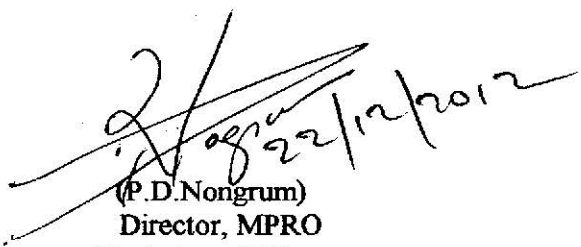
The Security Deposit should be interest free and in the form of a valid Bank Draft/Deposit at Call pledged in favour of the undersigned.

8. The Director, MPRO may rescind forthwith the contract in writing if,
- a) A Tenderer assigns or sublets any contract in respect of contract or any other contract entered into with the Government.
 - b) Tenderer or his agent/Servant are found guilty of fraud of this contract or any other contract.
 - c) Declines, neglect or delays to comply with the demand/requisition or in any other way fails to perform or observe any of or all the conditions of the contract agreement.

In case of such rescission the Security Deposit in full shall stand forfeited and absolutely be at the disposal of the Government without prejudice to any other remedy or action that the Government shall be entitled to recover from the successful Tenderer any extra expenses Govt. may deem necessary in obtaining the supplies.

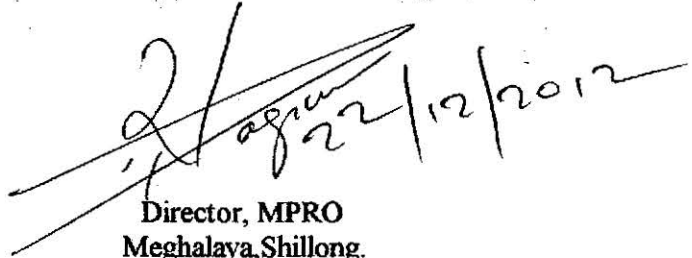
9. In the event of the successful Tenderer failing to perform his/her part of any or all the contract agreement to the satisfaction of the Department or disregarding any terms and conditions of the Tender Notice and or the contract agreement the successful Tenderer shall be liable to any of or all of the following action at the discretion of the Director, MPRO, Meghalaya, Shillong on behalf of the Government of Meghalaya.
- (i) forfeiture of security deposit in whole or part.
 - (ii) making good the loss caused to the Government through the liability, neglect, delay in complying with the demand.
 - (iii) cancellation of the contract without any prior notice to the contractor.
10. If the successful Tenderer/s willfully neglects, fails to perform or observe any or all conditions of the contract agreement or attempts to cheat or indulge in foul practices, the Director, MPRO, Meghalaya, Shillong may impose a ban upon such Tenderer(s) for future business within the Department.
11. Quantities mentioned in the list are only illustrative and may be increased/reduced on finalisation of order depending on the availability of fund and actual requirements.
12. Once the sample/technical specification of the items are approved, no change of brand, name, shape, pattern, quality or specifications will be entertained even on the plea of non-availability of raw materials or alternative offer of the same quality.

13. The store, supplied must be of the same specifications, weight and quality as the tendered models/samples/Tech. Spec. If the items are rejected by the undersigned due to non-meeting of the Technical Specification the supplier must replace the rejected items at their own cost forthwith and in a period of 21 (twenty one) days from the date of rejection.
14. Delivery must be completed within thirty days from the date of receipt of firm orders. No extension of delivery & installation period will be entertained.
15. Payment will be made to the suppliers directly only on completion of supplies and on correct receipt of goods by the respective consignee in good condition. Documents/vouchers/ P.R. Bills etc. routed through Banks will not be accepted. Consignment will be dispatched by the firm after payment of all freight charges at the source. Freight to pay P.R. will not be accepted.
16. Risk of transportation will be borne by the Tenderer themselves.
17. Comprehensive on site warranty should be indicated alongwith after sale services facilities.
18. One set of manuals of (Instructions and Maintenance) should be supplied free of cost for each item wherever applicable.
19. The Purchase Board reserves the right to reject the lowest rate or any of the tender without assigning any reason.
20. Any dispute arising out of or in respect of these terms and conditions of the Contract Agreement shall be in the Jurisdiction of the Courts in Meghalaya.


(P.D.Nongrum)
Director, MPRO
Meghalaya, Shillong

Copy to:-

1. The Addl. Director General of Police (L/O) / (CID) / (SB/(HQ)/(TAP), Meghalaya, Shillong for favour of information
2. The Inspector General of Police (R/PR)/(CID)/ (TAP) for favour of information
3. The Asstt. Inspector General of Police, (A), Meghalaya, Shillong for favour of information of the DGP, Meghalaya, Shillong with a request to nominate 1(one) representative from PHQ as member of the Tender opening Committee.
4. The Finance Account Officer office of the DGP & IGP, Meghalaya, Shillong for information.
5. The Superintendent of Police, East Khasi Hills, Shillong/West Khasi Hills, Nongstoin / Jaintia Hills, Jowai / Ri-Bhoi District, Nongpoh / East Garo Hills, Williamnagar / West Garo Hills, Tura / South Garo Hills, Baghmara / (F&ES), Meghalaya, Shillong / Spl. Supdt. of Police, (SB), Meghalaya, Shillong / Spl. Supdt. of Police, (CID), Meghalaya, Shillong.
6. The Deputy Commissioners, East Khasi Hills, Shillong / West Khasi Hills, Nongstoin . Jaintia Hills, Jowai / Ri-Bhoi District, Nongpoh / East Garo Hills, Williamnagar / West Garo Hills, Tura / South Garo Hills, Baghmara
7. The Commandants, 1st MLP Bn. Shillong / 2nd MLBP Bn. Goeragre, Tura / 3rd MLP Bn. Khliehtyrshi, jaintia Hills / 4th MLP Bn. (IRBN), Sohpiam, West Khasi Hills, Nongstoin, Commandant 5th MLP Bn. Samgong, Williamnagar.
8. The Director of Information and Public Relation, Meghalaya, Shillong for favour of publication in 1(one) Newspaper 1 in English and 1 in Khasi Newspaper. Only the gist (enclosed) may please be published.(extra copies 5 Nos.)
9. The Director, Printing and Stationery, Meghalaya, Shillong with a request to kindly publish the Tender in the next issue of Meghalaya Gazette.
10. Notice Board
11. M/S. _____


Director, MPRO
Meghalaya, Shillong.

**OFFICE OF THE DIRECTOR::MPRO
MEGHALAYA::SHILLONG**

Memo No. MPRO/CRW/51(LA-ELECT)2012-13/25

Dtd. Shillong the 22nd December, 2012

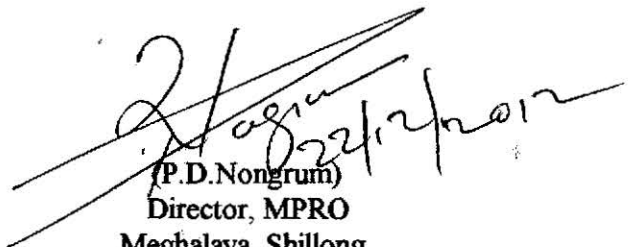
GIST OF TENDER NOTICE

Sealed tender affixing non-refundable court fee stamp of Rs. 1000/- (Rupees one thousand) only are invited from bonafide, established, reputed manufacturers or their authorised dealers/agents/ representative for entering into the rate contract for the supply of:

“VHF RADIO & ACCESSORIES”

Tender will be received upto 1400 hrs. on the 07/01/ 2013 and will be opened on the same day at 1500 hrs.

Detail information/related documents in connection with the tender can be collected from the office of the undersigned on any working day.


(P.D.Nongrum)
Director, MPRO
Meghalaya, Shillong

List of Items

A) VHF Radio

1.	VHF Repeater	-	10 nos
2.	VHF Mobile Radio	-	100nos
3.	VHF Portable Radio	-	216 nos

B) Accessories for VHF Radios

i.	Omni directional antenna	-	GP 50
ii.	Cables	-	25 nos
iii.	Power Supply Unit	-	10 nos
iv.	Programming Kit	-	2 nos
v.	Mobile Antenna	-	50 noswhip
vi.	Low loss Co-axial	-	25 nos.
vii.	Connectors male / female	-	100 nos
viii.	urge protectors	-	100 nos
ix.	Helical antenna	-	50 nos
x.	Single position / 6 position rapid charger-	-	216 nos
xi.	Spare batteries	-	216nos
xii.	Cloning cable	-	10nos

VHF REPEATER

GENERAL	SPECIFICATION
Frequency Range	136 to 174 Mhz
Operating Mode	Analog
Channel Spacing	12.5KHz
Operating Voltage	12V DC(10.8 to 15.6VDC) 230V AC +/- 10%, 50 +/- 1% Hz
Frequency Stability	+/- 2.5 PPM or better.
Antenna Impedance	50 ohms
Duty Cycle	100 %
Weight	Less than 15Kg
Display	Indicator for Transmit and Receive
Protection	Reverse Polarity
<u>TRANSMITTER</u>	
RF Power output	25 to 50 Watts(programmable)
Modulation Limiting	+/- 2.5 KHz
FM Hum and Noise	-40dB or better
Adjacent Channel Power	- 60dB or better
Audio Response	+1, -3dB
<u>RECEIVER</u>	
Sensitivity (Analog)	0.30uV (12dB SINAD) OR BETTER
Sensitivity (Digital)	0.30uV at 5% BER or better
Image Rejection	65dB or better
Adjacent Channel Selectivity	60dB or better
Inter-Modulation	60dB or better
Audio Output	Minimum 500mW
<u>ENVIRONMENTAL</u>	
Operating Temperature	-30 C to + 55 C
Storage Temperature	-30 C to + 60C
Humidity	95% non-condensing (-20 C to +60 C)

NOTE: Samples of offered VHF Repeater to be submitted along with the bid. Field demonstration and technical evaluation for 2 (two) days will be held at the MPRO Hqr. Shillong immediately after the opening of the tender. No separate intimation will be given / sent to the bidders to arrange for field demo and technical evaluation.

VHF MOBILE RADIO

GENERAL	SPECIFICATION
Frequency Range	136 to 174 Mhz
Channel Capacity	32 or Higher
Channel Spacing	12.5KHz
Operating Voltage	10.8 to 15.6 V DC
Frequency Stability	+/- 2.5 PPM or better
Antenna Impedance	50 Ohm
Display	Alphanumeric
VSWR	Better than 1.5
Protection	Reverse Polarity
<u>TRANSMITTER</u>	
RF Power output	05 to 25 Watts(programmable)
FM Modulation	11KOF3E
Modulation Limiting	+/- 2.5 KHz
FM Hum and Noise	-40dB or better
Adjacent Channel Power	- 60dB or better
Audio Response	+1, -3dB
<u>RECEIVER</u>	
Sensitivity (Analog)	0.30uV (12dB SINAD) OR BETTER
Sensitivity (Digital)	0.30uV at 5% BER or better
Audio Distortion	5% or better
Adjacent Channel Selectivity	60dB or better
Inter-Modulation	60dB or better
Audio Output	Minimum 3W
<u>ENVIRONMENTAL</u>	
Operating Temperature	-30 C to + 55 C
Storage Temperature	-30 C to + 60C
Humidity	95% non-condensing (-20 C to +60 C)

NOTE: Samples of offered VHF Mobile Radio to be submitted along with the bid. Field demonstration and technical evaluation for 2 (two) days will be held at the MPRO Hqr. Shillong immediately after the opening of the tender. No separate intimation will be given / sent to the bidders to arrange for field demo and technical evaluation. DTMF and Non DTMF (Plain) Fist microphone may be quoted.

VHF PORTABLE RADIO

GENERAL	SPECIFICATION
Frequency Range	136 to 174 Mhz
Channel Capacity	32 or higher for DTMF model and 16 or higher for Non DTMF model
Channel Spacing	12.5KHz
Operating Voltage	7.2 / 7.4 V (rated)
Frequency Stability	+/- 2.5 PPM or better
Antenna Impedance	50 Ohm
Battery & capacity	Li-on / Ni-MH battery of capacity 2000 mAH
Weight	Less than 320gms with battery
Average battery life	For 5/5/90 duty cycles 1 hr or more
TRANSMITTER	
RF Power output	1 to 5 Watts (programmable)
FM Modulation	11KOF3E
Modulation Limiting	+/- 2.5 KHz
FM Hum and Noise	-40dB Or better
Adjacent Channel Power	- 60dB or better
Audio Response	+1, -3dB
RECEIVER	
Sensitivity (Analog)	0.30uV (12dB SINAD) OR BETTER
Sensitivity (Digital)	0.30uV at 5% BER or better
Audio Distortion	5% or better
Adjacent Channel Selectivity	60dB or better
Inter-Modulation	60dB or better
Audio Output	Minimum 500mW
ENVIRONMENTAL	
Operating Temperature	-30 C to + 55 C
Storage Temperature	-30 C to + 60C
Humidity	95% non-condensing (-20 C to +60 C)

NOTE: Samples of offered VHF Portable Radio to be submitted along with the bid. Field demonstration and technical evaluation for 2 (two) days will be held at the MPRO Hqr. Shillong immediately after the opening of the tender. No separate intimation will be given / sent to the bidders to arrange for field demo and technical evaluation. DTMF keypad and Non DTMF (Plain) keypad model may be quoted.

~~Accessories~~
Accessories for Base station / Mobile VHF Radios

- i. 6.5 dB omni directional antenna
- ii. Co-axial cable 30 mtrs RG-213 (with connectors)
- iii. SMPS PSU with charger (Float & Boost) – 10 amp
- iv. Programming Kit
- v. 3 dB Mobile Antenna with 3 mtrs cable & connectors

Accessories for VHF Repeaters

- i. 6.5 dB omni directional antenna
- ii. Low loss Co-axial cable 30 mtrs RG-217 (with connectors)
- iii. SMPS PSU with charger (Float & Boost) – 15 amp
- iv. Programming Kit
- v. Surge protectors

Accessories for Portable Radios

- i. Helical antenna
- ii. Single position / 6 position rapid charger
- iii. Spare batteries
- iv. Programming Kit
- v. Cloning cable