

GOVERNMENT OF MEGHALAYA
DIRECTORATE OF CIVIL DEFENCE & HOME GUARDS::SHILLONG
Top Floor-Horse Shoe Building, Lower Lachumiere, Shillong-793001
www.meghomeguards.gov.in

No.A(S).17/2018/214,

Dated Shillong, the 24th August, 2026.

TENDER NOTICE

The Directorate of Civil Defence and Home Guards, Meghalaya, Shillong, invites sealed Tenders for entering into rate contract for the supply of **VHF Handheld sets, VHF Base sets, VHF Repeaters, Self-supporting tower for VHF repeaters and Collapsible Mast for static stations** for the year 2026-27 from the manufactures and authorized established dealers or their authorized / agents / representatives / dealers.

Terms and Conditions

Sealed Tenders, accompanied with samples, will be received on or before **9th October, 2026, at 1500 Hrs. and will be opened on the same day at 1500 Hrs.** Tenderers, or their authorized representatives, may remain present at the time of opening of tenders. Tenders received after due time and date, either by hand or by post will be rejected; **Envelopes containing tenders should be properly sealed along all the joints.**

1. Tender must be accompanied by:-

- (a) Two Packet Bid. One for technical document and the other for financial.
- (b) Affixed Non-Refundable Court Fee Stamp of Rs. 500/-
- (c) Tenderers should quote specific rate and the tenders must be accompanied by earnest Money calculated at the rate of 2% (two percent) for General and 1% (One percent) for SC/ST of the total amount of tender/contract value tendered for. Earnest Money is acceptable only in the form of valid Bank Guarantee/Bank Draft/Deposit - at - Call Receipt and must be payable to the Director of Civil Defence, Meghalaya, Shillong.
- (d) All the relevant documents/ certificates pertaining to GST, that is GST registration certificates and GST rate of the items quoted.
- (e) An attested copy of photograph.
- (f) A Financial Stability Certificate from the 1st Class Magistrate or of a scheduled Bank, certifying that the Firm/Supplier is capable to undertake the supply.
- (g) Authorized valid dealership certificate and the rate list along with pamphlets / vouchers issued by the manufacturing company in case a tenderer is an authorized dealer.
- (h) Attested copy of valid Trading License from the District Council in the case of non-tribal and attested copy of Schedule Tribe Certificate in the case of Tribals.
- (i) The successful Tenderers are also required to execute a Contract Agreement in the prescribed proforma duly affixing - non-judicial stamp papers of Rs. 20/- (twenty) only to ensure fulfillment of the contract which will have to enter into.

Note:- Failure in enclosing any one of the aforementioned documents or enclosing invalid documents will lead to automatic rejection of the tender.

- Bidder shall provide non liquidation, count receivership or similar proceedings should not be bankrupt. Bidder to provide on letter head for the same.

- Bidder should not be blacklisted / debarred by any Ministry under Govt. of India or by Govt. of any State in India or any of the Government PSUs in the last five years. Certificate/affidavit mentioning that the Bidder is not blacklisted by any Ministry under Govt. of India or Govt. of any State in India or any of the Government PSUs should be enclosed.

2. All Tenders shall be opened by the Chairman of the Tender Committee in presence of members of Tender Committee and representatives of tenderers present. The Tender Committee will thoroughly scrutinize the Items offered by the Tenderers.
3. Bidder to submit PAN details.
4. Once the rate offered in the Tenders are accepted, no enhancement of rate will be allowed under any circumstances and the Tenderers will be liable to supply at the rate approved by the Board. On failure to complete the supplies at the approved rates, the offer will be cancelled and the Security Money forfeited to the Government.
5. Once the Tender is approved, no change of shape, Pattern, or quality of specification will be entertained even on the plea of non-availability of raw materials or alternative offers of the same quality.
6. Successful Tenderers will also be required to furnish Security Deposit as mentioned below to ensure fulfillment to the terms and Conditions of the contract which the successful Tenderers will have to enter into. Such Security Deposit will be subjected to forfeiture in case of non-fulfillment of any or all of the terms and conditions of the contract. Earnest Money of Successful Tenderers will not be released till they furnish the Security Money. Earnest Money of successful Tenderers will be forfeited to Government in case of failure to furnish Security Deposits.

RATE OF SECURITY MONEY

For contract up to Rs. 1,00,000/- 5% from local tribal & 10% from others.

For contract over Rs. 1,00,000/- 15% for all categories.

7. **Rates should be quoted FOR (Freight of Rail) destination, Shillong, and must be inclusive of cost of item and should be valid for one calendar year from the date of acceptance of the tender.**
8. **The rates quoted should (a) also be inclusive of all charges, packing, insurance, transit risk and other incidental charges and only GST and local taxes (if applicable) should be shown separately.(b) Rates quoted should be clearly and neatly written, both in figures and in words and any overwriting shall be rejected.**
9. **Delivery will have to be completed within 30 (thirty) days from the date of issue of supply order. No extension of time will be entertained beyond the stipulated time.**
10. Payment will be made to the suppliers directly on completion of supplies and on correct receipt of goods by the undersigned.
11. Tenders should be addressed to the Director of Civil Defence, Meghalaya, Shillong- 793001, by designation and not by name. The sealed envelopes containing the Tenders should be super scribed "Tenders for Supply of **VHF Handheld sets, VHF Base sets, VHF Repeaters, Self-supporting tower for VHF repeaters and Collapsible mast for static stations** during the year 2026-27 and be posted by registered cover or by hand.
12. The Purchase Board reserves the right to reject the lowest rate or all Tenders, without assigning any reasons thereof.
13. The Quantities mentioned in the list are only illustration and may be increased /reduced or omitted at the time of finalization of Orders subject to the availability of fund and requirement.
14. An undertaking must be furnished that the Supply will be done by the Contractor/Tenderer himself/herself.

15. At the time of opening the Tender, if there be any objection by a majority of the Tenderers / Representatives present, as to the validity of any Tender, these will be duly recorded and put up to the Purchase Board for consideration. The decision of the Board will be final and binding.
16. Pamphlets submitted must clearly bear the manufacturer's marking and specification, Brand name, etc. along with the firm's label attached on each Pamphlet.
17. The risk on transport will have to be borne by the suppliers themselves.
18. (a) The successful Tenderers will be intimated by letter of acceptance by the Director of Civil Defence, Meghalaya, Shillong, till then, no Tenderer has any right to assume that his / her tender has been accepted and if any expenditure incurred by the Tenderer in anticipation of issue of a letter of acceptance, there shall be no claim what so ever for compensation.
 (b) In the event of the successful Tenderer failing to perform his / her part of the contract to the satisfaction of the Department or disregards any terms and conditions of the Tender Notice or the Contract Agreement, they shall be liable to any or all the following actions, at the discretion of the Director of Civil Defence, Meghalaya, Shillong.
 - (i) Forfeiture of Security Deposit, in whole or in part.
 - (ii) Making good the loss caused to the Government through the inability, neglect or delay to comply with any demand.
 - (iii) Cancellation of the contract without any prior notice to the contractor.
 (c) All losses sustained by the Government due to failure, omission or neglect of the Contractor, will be realized from his/her Security deposit or any other account whatsoever.
19. (a) In the event of rejection, failing, declining, neglecting or delaying to comply with any demand or requisition, the Director of Civil Defence, Meghalaya, Shillong, shall be at liberty, without prejudice to any claim for compensation against loss and inconvenience caused by such breach, to order purchase or to procure, to arrange from Government stock or otherwise at the expense of the Contractor whose such supplies may have been rejected or who failed, declined, neglected or delayed to supply the equipment as per acceptance.
 (b) The Director of Civil Defence, Meghalaya, Shillong, may rescind any contract in writing if:-
 - (i) A Contractor assigns or sublets any contract without his approval.
 - (ii) The Contractor or his agent or servant shall be guilty of fraud in respect of the contractor or any other contractor entered into contract with the Government.
 - (iii) The contractor declines, neglects or delays to comply with any demand or requisition of in any other way fails to perform or observe any condition of the contract.

In case of such rescission, the Security Deposit, in part or in full, at the discretion of the Director of Civil Defence, Meghalaya, Shillong, will stand forfeited and be absolutely at the disposal of the Government without prejudice to any other remedy or action that the Government may take.
20. If the Contractor/Firm willfully neglects/fails to perform or indulges in practice with the motive of making undue gains, the Director of Civil Defence, Meghalaya, Shillong, may impose a ban on the Contractor/Supplier for future business with the Department.
21. Tax at source will be deducted as applicable from the firm's bill, plus surcharge, on the taxable items.
22. Any dispute arising out of this matter shall be subject to the jurisdiction of the courts in Shillong.

ITEMS

Sl. No.	Particulars	Specifications
1.	VHF Handheld sets	Enclosed at Annexure-1
2.	VHF Base sets	Enclosed at Annexure-2
3.	VHF Repeaters	Enclosed at Annexure-3
4.	Self-supporting tower for VHF repeaters	Enclosed at Annexure-4
5.	Collapsible mast for static stations	Enclosed at Annexure-5

Sd/-

Director of Civil Defence,
Meghalaya, Shillong.

Memo No.A(S).17/2018/214-A,

Dated Shillong, the 24th August, 2026.

Copy for information to:-

- 1). The Commissioner & Secretary to the Government of Meghalaya, Civil Defence & Home Guards Department, Shillong.
- 2). The Commandant, Border Wing Home Guards Battalion, Meghalaya, Shillong.
- 3). The Commandant, 1st SDRF Battalion, Shillong.
- 4). The Commandant, 2nd SDRF Battalion, Tura.
- 5). The Commandant, Central Training Institute, Shillong.
- 6-9). The Divisional Commandant Home Guards, Shillong/Tura/Nongstoin/Williamnagar/
- 10). The Commandant, Meghalaya Industrial Security Force, Shillong.
- 11-13). The District Home Guards Commandant, Shillong/Jowai/Tura.
- 14-25). The Deputy Controller of Civil Defence, Shillong/Jowai/Tura/Nongstoin/Nongpoh/Williamnagar/Baghmara/Ampati/Resubelpara/Khliehriat/Mawkyrwat/Mairang.
- 26-33). The Officer Commanding, District Training Centre Home Guards, Nongstoin/Nongpoh/Williamnagar/Baghmara/Ampati/Resubelpara/Khliehriat/Mawkyrwat
- 34). The Director of Printing & Stationery, Meghalaya, Shillong, for favour of Publication in the Meghalaya Gazette.
- 35). The Director of Information and Public Relation, Meghalaya, Shillong, with 6(six) Spare copies, with a request to print 1 (One) impression of the following Tender Notice in 3 (three) local Newspaper – Khasi, English and Garo Languages.
- 36). Office Copy.
- 37). Office Notice Board.

TENDER NOTICE

Sealed Tenders are invited for supply of VHF Handheld sets, VHF Base sets, VHF Repeaters, Self-supporting tower for VHF repeaters and collapsible mast for static stations and the same will be received in the Office of the Director of Civil Defence, Meghalaya, Shillong, on or before **9th October, 2026, at 1500 hrs.** For details, please contact the office of the undersigned or log on to our website 'www.meghomeguards.gov.in'.



Senior Staff Officer,
Directorate of Civil Defence & Home Guards,
Meghalaya, Shillong.

Specifications for Handheld VHF 5W (Low Band 66-88MHz) Radio with accessories

General		
1	Frequency Band	66-88MHz(TX/RX)
2	Type	Handheld VHF Low Band Transceiver
3	Technology/Modulation/ Emission type	FM(F3E/11K0F3)
4	Type of Operation	Simplex, Semi-Duplex (PTT based)
5	Channel Capacity	≥ 25 channels
6	Channel Spacing	12.5/25kHz
7	Frequency Stability	$\leq \pm 0.5$ ppm
8	Antenna Impedance	50ohms
9.	Power Supply battery	Li-ion, 7.4volt, 2600mAH
10.	Type of Antenna	Rugged flexible helical antenna
11.	Protection	i) Reverse polarity protection & short circuit protection ii) Protection against high VSWR
Transmitter		
1	RF Output Power	5Watts
2	Modulation Type	FM(F3E/11K0F3)
3	Frequency Deviation	± 5 kHz(25kHz channel) ± 2.5 kHz(12.5kHz channel) ± 2.5 Khz max. for 100% at 1 KHz
4	Spurious Emission	≤ -60 dB
5	Adjacent Channel Power	≥ 60 dB
6	Modulation Sensitivity	1 to 10mV at 1 KHz at mic. Input for ± 1.5 KHz standard deviation
7	Modulation Fidelity (Distortion)	+1, -3dB of 6dB/octave pre-emphasis characteristics from 350Hz to 2700 Hz with 1KHz as reference
	Modulation Distortion	3%
8	VSWR	1.5
Receiver		
1	Receiver Type	Double conversion super heterodyne
2	Sensitivity	$\leq 0.3 \mu V$ (12dB SINAD)
	Squech sensitivity	$0.23 \mu V$
3	Selectivity	≥ 60 dB
4	Spurious Response Rejection	≥ 60 dB
5	Inter-modulation Rejection	≥ 60 dB
6	Audio Output Power	$\geq 2-5$ W
7	De-emphasis	6dB/octave
8	Audio Distortion	3%

Standard Accessories	
1	Li-ion battery pack
2	Desktop charger
3	Helical Antenna
4	Belt clip/battery clip
5	User manual
6.	Technical manual
7.	Programming software & cables

Technical Specifications for Static VHF 25W (Low Band 66-88MHz) Radio with accessories.

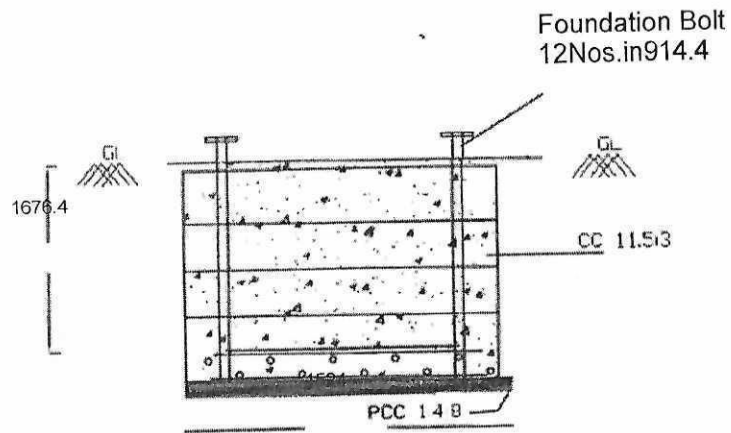
General		
1	Frequency Band	66-88MHz(TX/RX)
2	Type	Mobile/Base VHF Low Band Transceiver
3	Technology/Modulation/ Emission type	FM(F3E/11K0F3)
4	Type of Operation	Simplex, Semi-Duplex (PTT based)
5	Channel Capacity	≥ 128 channels
6	Channel Spacing	12.5/25kHz
7	Frequency Stability	$\leq \pm 0.5$ ppm
8	Antenna Impedance	50 ohms
9	Power Supply	13.8VDC
10	Protection	i) Reverse Polarity protection, Over voltage protection & Short circuit protection ii) Protection against high VSWR
Transmitter		
1	RF Output Power	25W
2	Modulation Type	FM
3	Frequency Deviation	± 5 kHz(25kHz channel) ± 2.5 kHz(12.5kHz channel)
4	Spurious Emission	≤ -60 dB
5	Adjacent Channel Power	≥ 60 dB
6	Audio Response	300–3000Hz, +1/–3dB
7	Modulation Fidelity (Distortion)	$\leq 3\%$ (max $\leq 5\%$)
8	Pre-emphasis	6dB/octave
Receiver		
1	Receiver Type	Double conversion super heterodyne
2	Sensitivity	$\leq 0.3 \mu V$ (12dB SINAD)
3	Selectivity	≥ 60 dB
4	Spurious Response Rejection	≥ 60 dB
5	Inter-modulation Rejection	≥ 60 dB
6	Audio Output Power	$\geq 2-5$ W
7	Audio Distortion	≥ 40 dB
8	De-emphasis	6dB/octave
Standard Accessories		
1	Hand microphone with PTT	
2	Mounting bracket with screws	
3	DC power cable with fuse	
4	Spare fuse set	
5	User manual	
6	Programming software & cables	

Antenna system		
1	Antenna Type	1. Quarter-wave Ground plane antenna with all accessories, VHF Low band (66–88 MHz tuned) 2. VHF Mobile Antenna with antenna with all accessories
2	Gain	0dBd
3	Impedance	50ohms
4	VSWR at resonant frequency	$\leq 1.5:1$
5	Radiation Pattern	Omni-directional
6	Connector	Female UHF connector
7	Corrosion Protection	Anti-corrosive material
8	Weather-proofing	Suitable for outdoor continuous operation in all weather
Cables & connectors		
1	RF Coaxial Cable (RG-213) With PL-259 RF Connectors male at both ends	30 meter, inner & outer conductors material: pure copper, high quality inner & outer insulator
2	Connectors/Adaptor	BNC male to UHF female male
3	Weather-proofing	Suitable for outdoor continuous operation in all weather
Power supply Unit		
1	AC Input Voltage range	170VAC-270VAC
2	DC Output Current	15Amps
3	Output Load Regulation	13.10V-13.90VDC
4	Protections	i) Battery Protected from Over Charge ii) Short circuit & Reverse polarity protection
5	Change over to Battery/PSU	Auto change over to Battery without switching off the Radio when mains power supply fails & vice versa. (Battery not included in supply)

SPECIFICATIONS OF VHF LOW BAND REPEATERS

1.	Frequency range	66 MHz o 88 MHz
2.	No. of channels	64 channels or more (Programmable)
3.	Channel spacing	12.5/25KHz.
4.	Type of emission	11KOF3E
5.	Type of operation	Semi-duplex(Programmable)
6.	Output impedance	50Ohms
7.	Temperature Range	10 ⁰ c to 60 ⁰ c
8.	Duty cycle	Continuous operation
9.	Operating voltage	12VDC(10.8to15.6VDC)
10.	TRANSMITTER	
10.a	Minimum output Power of repeater	25W(programmable)
10.b	Minimum output power for transmitting radio	35W(programmable)
10.c	Modulation Limit	upto2.5KHzfor12.5KHz bandwidth Upto4KHzfor25kHz bandwidth
	RECEIVER	
11	Receiver Sensitivity	0.28 microvolt@12dBSINAD (- 118 dbm)
12	12V15APowersupply	
	• Fast changeover from Eliminator to 12 V back up Battery (Battery not included in supply) • Protection from short circuit, Line, load regulation and R.F. interference	
13	• The built in Repeater cabin should incorporate with Interface controller, Duplexer with U H F or N type female connector and Microphone	
14	Accessories	
	• Service manual and Program kit should be supplied • Operating manual	

LEGS(N.B.)	76.2	76.2	63.5	63.5	50.8	38.1	31.75	31.75	25.4
DIAGONALS	15aRod	16aRod	16aRod	16aRod	12aRod	12aRod	12aRod	12aRod	10aRod
HORIZONTALS	16aRod	16aRod	16aRod	16aRod	12aRod	12aRod	12aRod	12aRod	10aRod



The diagram shows an equilateral triangle with three sides labeled 1295.4. Below the triangle, a horizontal line segment is labeled 1524, representing the base of the triangle.

GROUND FOUNDATION TOP VIEW

NOTE:-

- NOTE:-**
1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
 2. THE TOWER ARE DESIGNED FOR 180KM PH WIND SPEED
 3. ALL BOLTS & NUTS TO I.S-4218
 4. THE TOWER WILL BE PAINTED ALTERNATIVE COLOURS ORANGE & WHITE
 5. THIS TOWER DESIGNED HEAD LOAD CAPACITY 30 KG'S
 6. TOWER DESIGN ASSUME THAT AS MINIMUM MAINTENANCE
 7. ALL UNSPECIFIED HOLE ARE 13.5MM DIA FOR 12MM DIA BOLTS
 8. ALL FLANGES IN 10MM THICKNESS

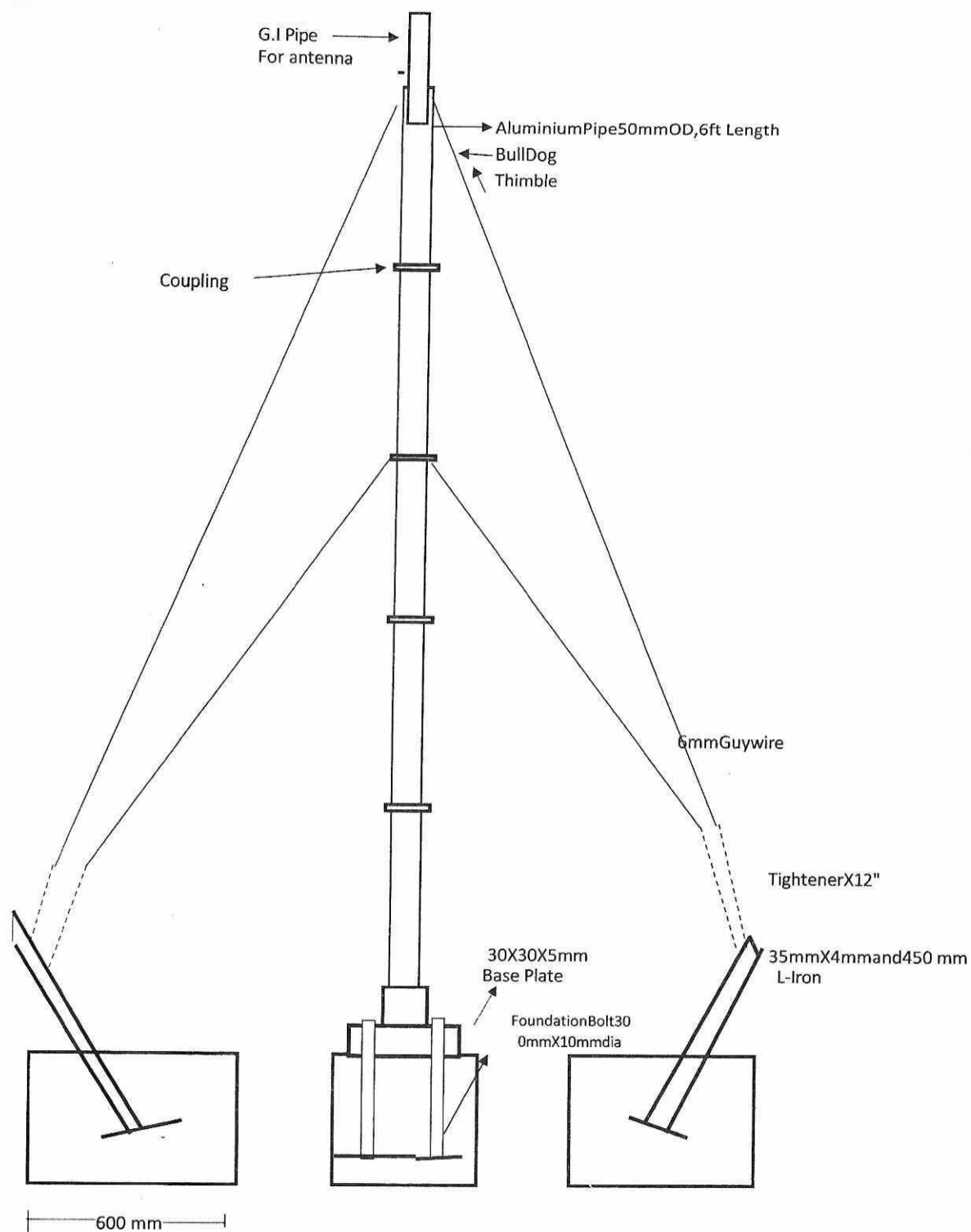


Fig. 30 Feet Aluminium Mast