



प्रसार भारती / Prasar Bharati
(भारत का लोक सेवा प्रसारक) / (India's Public Service Broadcaster)
आकाशवाणी, उच्च शक्ति प्रेषित्र, मालाड (प.), मुंबई - 400 095
High Power Transmitter, All India Radio
Malad (West), Mumbai - 400 095
Email: mumbai.malad@prasarbharati.gov.in

No.HPT Malad/1(11)/2021-22/E/DRM

Dated. 30.07.2021

To be publish on Web Site: Prasar Bharati tender (<https://prasarbharati.gov.in/pbtenders/>)
, Central Public procurement portal (<https://eprocure.gov.in/epublish/app>) & Notice board

Tender Enquiry

Sub: Replacement of snapped guy rope (one no.) of 91.5 meter high MW Mast (Mumbai "B" west) at All India Radio, HPT Malad, Mumbai, (Maharashtra state)

This office is interested in carrying out the below mentioned work as per description of work. Quotation is invited from reputed agencies, contractors having prior experience of similar works.

Item No.	Description of Stores/ Works	Qty	Amount	Total
1	<p>Labour charges for replacement of snapped guy rope (One no.) with 16 mm dia GI rope as per existing arrangement on the 91.5 meter high MW Mast at top level. Sufficient extra length of at least 6 M has to be left at ground anchoring end.</p> <p>(Guy Rope will be supplied by this department)</p> <ol style="list-style-type: none">1. All existing guy insulators and RF Chokes are to be re-utilized. If any insulator, choke is found to be defective / damaged it shall be replaced by a new one, supplied by the department.2. Existing guy wire rope link termination at each of the guy insulators ends are to be replaced by identical ferruling type fasteners. Two Numbers of ferruling has to be done at each place. Ferrule fasteners should be of Aluminium Alloy and as per IS 10942:2000.3. All additional fasteners like bolt, nut and split pin, bull dog grips, clamps etc used must also be of hot dip galvanized only.4. Ferruling fasteners used in each guy section including the straining screw should be designed to withstand 80% of breaking load strength of main guy rope.5. Suitable locking arrangement also is to be made to avoid the slipping of ferruling and guy straining screw under storm condition by providing clamps as back up measures in addition to ferruling. A sample load test for 80% of breaking load strength of main wire for 03 meter test piece of wire rope with one ferrule crimping is to be shown to the indenter.6. Complete guy wire assembly from Mast to Ground Anchoring has to be prepared on ground as per existing arrangement on Mast. After testing each of the guy wire for maximum tension, if possible, complete guy wire rope assembly have to be hoisted from the Mast to the ground. Provision shall be available to adjust at site the total length of guy to take care of relative variations in the ground level at the mast end and guy anchor points as per actual conditions.7. At the Mast end the anchoring has to carry out using existing plates/arrangement on the Mast.(Presently 1-inch thick polypropylene/ nylon rope is hoisted in place of snapped guy rope)	1 job		

2	Verticality adjustment, measurements and Certification by certified / licensed Surveyor: Guy wire Tension has to be adjusted such that verticality of the mast is within the limit of 2 minutes of the arc subtended at the base of structure and the twist of the mast members will not exceed ½ degree/30 minutes. Verticality and twist are to be checked after repair by any certified /licensed Surveyor and corrective action to be taken if required. Detailed report of Verticality and Twist measurement of the mast after repairs is to be submitted to office.	1 job		
3	Accessories such as Bulldog grips, Thimbles, Split pin, Socket, Ferules, Nut bolt and fasteners etc. as per requirement. <i>The items mentioned above should meet the IS specification as given below</i> <i>Thimbles-IS2315:1978 or revised, Bulldog grips-IS 2361:2005 or revised, Split pins-IS549:2005 or revised ---01 Lot</i>	1 lot		
	Total ₹			
	GST ₹			
	Grand Total ₹			

Note:

1. Any other minor miscellaneous material required for successful completion of the work will be provided by firm/supplier /agency without any additional cost.
2. Greasing wherever required will be carried out by the agency.
3. Since the Transmitter is operational, work shall be carried out during non transmission hours.
4. Drawing of mast with guy rope is enclosed

TERMS & CONDITIONS: { Please see Terms and condition **Sr.No 5 (EMD Declaration), 6 (Performance security), 19 (Pan No.& GSTN No) , 23 (Eligibility criteria) , 27 (Certificate that agency not been blacklisted or debarred by any government organization) and other term & conditions also. }**

1. The interested agencies/firms may visit the actual site on any working day during office hours with prior intimation DDE, AIR, Malad, (W), Mumbai 95 Any claim for payment towards additional work/supply will not be entertained
2. Estimated cost is **₹.1,98,000/- (₹ One Lakh Ninety eight Thousand only) including 18% GST**
3. The quotation should be sent in a sealed cover addressed to the undersigned, by name, so as to reach on or **before 24.08.2021; 03.00 P.M.** below mentioned address : Prasar Bharati ,HPT, All India Radio ,Marve Road, Malad (West) Mumbai 95.

THE COVER SHOULD BE SUPERSCRIBED WITH THE FOLLOWING:

a. Supply/ Work for which quotations are enclosed. b. Reference to letter of enquiry. c. Due date of opening quotation.

4. The Quotations will be opened in this office at **03.30 P.M. on 24.08.2021** in the presence of tenderers or their agents such as they may choose to attend.

5 EMD: EMD/Bid security declaration to be submit in the prescribed proforma given below.

Declaration proforma for Earnest Money Deposit

Date

Whereas, I/we.....(Name of agency).....have submitted bids for.....(Name of work).....

I/we hereby submit following declaration in lieu of submitting earnest Money Deposit.

1. If, after the opening of tender, I/we withdraw or modify my/our bid during the period of validity of tender (Including extended validity of tender) specified in the tender document.

OR

2. If, after the award of work, I/we fail to sign the contract, or to submit performance guarantee before the deadline defined in the tender documents.

I/we shall be suspended for one year and shall not be eligible to bid for Prasar Bharati tenders from date of issue of suspension order.

Signature of the supplier /Agency

6 Performance security : Performance Security Deposit at the rate of 3 % to be furnished by successful tenderer. The Performance Security Deposit shall be furnished in the form of Demand Draft /FDR/ Bank Guarantee drawn in favour of the **Prasar Bharti, HPT, AIR, Malad (W), Mumbai 95** The Performance Security Deposit will be returned in full on completion of warranty period.

7 WORK COMPLETION PERIOD: The entire work shall be completed within one month from the date of placement of order

8. The prices given should be firm and as under.

(a) The prices quoted shall remain fixed during the entire period of supply/contract and shall not be subject to variation on any account.

(b) The 'Unit' Price should be for the Unit as indicated in the tender enquiry.

(c) Prices quoted should be for F.O.R. HPT AIR Malad

(d) **The lowest tenderer will be decided on the basis of total price quoted**

9. The contractor shall make his own arrangement for storage of all equipments and Materials bought to site from time to time and their safe custody at site till they are taken - over by the indent or/his representative.

10. Warranty of work should given for one year.

11. The contractor and his employees shall comply with the regulation in force for controlled entry into premises where work is being carried out.

12. **Contractor liability for damage caused during work and imperfections noticed:** If the contractor or his/her workmen or servants shall break, deface, injure or destroy any part of the equipment in which they may be working on any Technical Equipment in the premises on which the work or any part of it as being executed, or if any defect, or other faults appear in the work the contractor shall make good at his/her own expense, or in default, the indent or may get the

same rectified and deduct the expense from any amount that may be than due or at any time thereafter may become due to the contractor.

13. The contractor shall take insurance for his men while working at AIR, site, against any injury, accidents death etc. Similarly the equipment, instruments, tools etc., belonging to the constrictor shall be insured against damage, loss, theft etc.
14. While engaging labour for carrying out obligations under the contract, the contractor Shall satisfy the conditions laid down under contract labour(Regulation and Audition Act 1970 and (Central)Rules 1971 as amended from time to time and observe all formalities required as per said Act/Rules. The contractor shall also observe the provision under minimum wages Act 1948 (Central) Rules 1950 amended from time to time while engaging labour.
15. The contractor shall indemnify and hold harmless the purchaser against all claims in respect of injury to any person howsoever arising out of the work in the course of such installation. The contractor shall discharge his entire obligation under the Indian Work men Compensation Act in as for as it affects workmen in his Employment.
16. **TERMS OF PAYMENT:** 100% payment will be released on satisfactory completion of work
17. **QUOTATIONS NOT PROPERLY SUPERSCRIBED WILL NOT BE CONSIDERED.**
18. The quotations submitted shall remain open for acceptance for a period of **90 (Ninety) days** from the date of opening of the Tender. If any Tenderer/ Suppliers withdraws his Tender/Quotation before the said period or makes any modifications in the Terms & Conditions on the Tender/Quotation which are not acceptable to the Department
19. Both your **PAN ,GST Number** should be definitely indicated in your quotation.
20. **.RIGHT OF ACCEPTANCE:** The undersigned reserves the right to reject the lowest tender or all the tenders without assigning any reasons whatsoever. Further, the undersigned reserves him self the right to increase or decrease upto 50% of the quantity of goods and services specified in the schedule of the requirement without any change in the unit price of the order quantities or other term conditions at the time of award of contract. Prasar Bharati reserve himself the right of accepting the whole or any part of the Tender shall be bound to perform the same at the rate quoted.
21. **LANGUAGE / UNITS:** All information supplied by the Tenderer shall be in "**English/Hindi language**" only. All dimensions, units on drawings, all references to weights, measures & quantities shall be in MKS.
22. In case this is second enquiry, your Quotation in response to the first enquiry should be presumed to be valid up to 180 days from the last date mentioned in para 3 above unless we hear from you.
23. **Eligibility Criteria:** Contractor /Agency should have sufficient experience and shall submit the experience certificate of satisfactory completion of at least three similar works, each of value not less than 40% of the estimated cost put to tender, or two similar works, each of value not less than 60% of the estimated cost, or one similar work of value not less than 80% of the estimated cost, all amounts rounded off to the convenient full figure, in the last seven years ending on the last day of the month previous to the one in which the tenders are invited.

24. **PENALTY FOR DELAY**

If the contractor is unable to complete the work within the stipulated time limit the purchaser may at his option allow such additional time as may be considered justified with/without penalty and without altering terms and conditions of the order. In the event of failure of the contractor to complete the work within the stipulated time or the extended time, the purchaser has the right to impose penalty of **0.5% per week** or part thereof the contract price. The Contractor's liability for delay, however, shall not exceed 10% of the total contract price.

25. ARBITRATION OF CONTRACTUAL DISPUTES:

If a dispute arises out of or in connection with the contract, or in respect of any defined legal relationship associated therewith or derived there from, the parties agree to submit that dispute to arbitration under ICADR Arbitration Rules, 1996. The Authority to appoint the arbitrator(s) shall be the International Centre for Alternative dispute resolution.

The International centre for Alternative Dispute Resolution will provide administrative services in accordance with the ICADR Arbitration Rules, 1996.

- a) The number of arbitrator(s) shall be one who has legal as well as Technical Background.
- b) The place of arbitration proceedings shall be **Mumbai only**.

26 FORCE MAJEURE:

a. If any time during the continuance of the contract the performance in whole or in part by the contractor shall be prevented or delayed by reason of any war, hostility acts of the public enemy. Civil commotion, sabotage, fires, floods, explosions, epidemics, Quarantine restrictions, strikes, lock-outs or acts of God (therein after restrictions refer to as events and provided notice of happenings of any such eventuality is given by the contractor within 21 days from the date of occurrence thereof, the purchaser shall by reason of such event, neither be entitled to cancel this order nor shall have any claim for damages against the contractor in respect of such non-performance or delay in performance and delivery shall be resumed as soon as practicable after such events have come to an end or ceased to exist.

b. Provided further that if the performance in whole or part or any obligation under this order is prevented or delayed by reasons of any such event for a period exceeding 180 days, the purchaser and the contractor shall meet to find a neutral agreement to any effect resulting the reform or the purchaser may at his option cancel order provided also if the order is cancelled under this clause, the purchaser shall be at liberty to take over from the contractor at order prices all unused, un-damaged and acceptable material bought out components and stores in course of manufacture in the possession of the supplier at the time of such cancellation or such portion thereof as the purchaser may deem fit accepting such material, bought out components and stores as the supplier may with the concurrence of the purchaser elect to retain.

27. Agency have to submit Certificate stating that company /agency has not been blacklisted or debarred by any government organization format is given below.

Certificate stating that company /agency has not been blacklisted or debarred by any government organization

Date

To,
Deputy Director General (E) (WZ),
HPT, All India Radio,
Malad(W), Mumbai -95

Sir,

This is to certify that M/s _____ have not been blacklisted or debarred by any Government Organization before submission of the tender document.

Yours faithfully,

Authorised Signatories
(Name & Designation)

28 CANCELLATION:

The purchaser reserves the right to cancel the order in the event of non-performance / delay in execution of the work or unsatisfactory performance by the contractor and recover payment already made if any, along with losses/ damages incurred.

संख्या 30/7/21

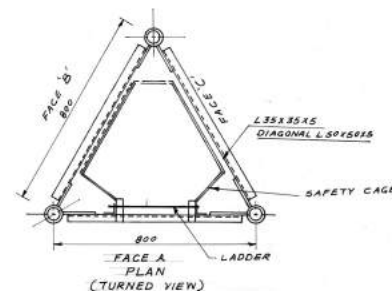
(S.M.Chaudhari)

Assistant Engineer
For Deputy Director General (E)
HPT, AIR, Malad (W), Mumbai 95
Tel ph. 02228882971

Please see next page for Drawing of mast with Guy Rope. संख्या 30/7



ROPE NO.	DIA.	INITIAL TENSION Kg.	MAX. WORKING LOAD - Kg	BREAKING LOAD - Kg	TURN. BUCKLE ARGST. DRG. NO.
1.	16φ	2300	412	15,300	APD. AM. GEN. 110
2.	13φ	1500	3194	10,200	APD. AM. GEN. 115
3.	11φ	1080	2450	7225	— 12 —
4.	11φ	1080	2037	7225	APD. AM. GEN. 115



S.N.	DESCRIPTION	MK.	NO.	REF. DRG. NO.	REMARK
1	ANCHOR BLOCKS	Q	3	APD - AM - F01-300	
2	ANCHOR BLOCKS	X	3	APD - AM - F01-100	
3	BASE SECTION 2M.	B	1	APD - AM - 120 - 200	
4	NORMAL SECTION 6M.	N4	9	APD - AM - 120 - 100	SMT. 1 TD 3
5	NORMAL SECTION 6M	N5	5	APD - AM - 120 - 100	SMT. 1 TD 3
6	NORMAL SECTION 4.5M	N6B	1	APD - AM - 915 - 100	
7	GUY SECTION 0.5 M	G	3	APD - AM - 120 - 150	
7A	" " " "	G1	1	APD - AM - 120 - 150	
8	BASE INSULATOR		1		AOBB1
9	LIGHTING TRANSFORMER		1		
10	INSULATOR A400E		9		
11	INSULATOR A400E-5		9		
12	INSULATOR A500B		6		
13	INSULATOR KI 304B2		24		
14	GUY ROPE 11 Φ		6	APD - AM - 915 - 300	
15	GUY ROPE 13 Φ		3	— 3 —	
16	GUY ROPE 16 Φ		3	APD - AM - 915 - 300	
17	OBSTRUCTION LIGHT		4		
18	CHOKES		27		

915M.MAST FOR BOMBAY
100 KW POWER
558 KHZ FREQUENCY

SHEET NO. 1 OF 1

DATE	NAME	91-5 MAST		ALL INDIA RADIO P & D UNIT NEW DELHI, INDIA
DRN				
CHD				
TRD	19:30	AVTAR		
COMP	19:30	S. S. Sankar		
C.D.		91-5 MAST GENERAL		
SCALE	1:200,10	ARRANGEMENT		
COO	19:30	D.R.		APPROVED
100				DRG NO. - TM/186

TRACED FROM E.C.I. LTD. ORG. NO. APD-AM-915-000 (R-1)