



प्रसार भारती
Prasar Bharati
भारत का लोक सेवा प्रसारक
India's Public Service Broadcaster
कार्यालय: अपर महानिदेशक (अभि.) (उत्तरी क्षेत्र)
Office of the Additional Director General (E) (NZ)
आकाशवाणी एवं दूरदर्शन



आठवां तल, सूचना भवन, सी.जी.ओ. कॉम्प्लेक्स, नई दिल्ली 110003
8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003

सत्यम् शिवम् सुन्दरम्

Leh/2V/3/2025-26/Instt./(Dehauling & hauling up of Antenna & RF Cable)

Dated: 28.10.2025

Subject: Dehauling, shifting, hauling and fixing of 4-bay antenna & RF cable with associated equipments at 100mtr SS tower at DD Site Leh (Ladakh-UT).

1. The budgetary quotation & drawing of the upcoming bid is enclosed herewith to offer comments, if any by prospective bidders/firms.
2. Bidders/firms are requested to provide information about content in respect of scope along with budgetary quote.
3. Bidders/firms may please submit the above detail on or before due date by e-mail to rksrivastav@prasarbharati.gov.in or at following address.

R.K Srivastav
Assistant Director (Engg.)
Room No. 899-C,
O/o ADG (E)(NZ)
Akashvani & Doordarshan,
8th floor, CGO Complex,
Soochna Bhawan, New Delhi-110003
Mobile No.: 9873364977
e-mail id: rksrivastav@prasarbharati.gov.in

Budgetary Quotation for: Dehauling, shifting, hauling and fixing of 4-bay antenna & RF cable with associated equipments at 100mtr SS tower at DD Site Leh (Ladakh-UT).

Due Date to offer Comments: 11.11.2025

Enclosed:

1. Budgetary Quotation form & drawing of the upcoming bid is enclosed herewith to offer comments, if any by prospective bidders/firms.


**Assistant Director (Engg.)
For Additional Director General (E) (NZ)**

सहायक निदेशक (अभि.)
Ravindra Kumar Srivastava
Asstt. Director (Engg.)



Leh/2V/3/2025-26/Instt./(Dehauling & hauling up of Antenna & RF Cable)

Dated:28.10.2025

Budgetary Quotation Form

Project: Setting up of 5kW(1+1) FM Transmitter set-up at DD Site Leh (Ladakh-UT).

Subject: Dehauling, Shifting, hauling and fixing of 4-bay antenna & RF cable with associated equipments at 100mtr SS tower at DD Site Leh (Ladakh-UT).

Last date of receipt of budgetary quotation in this office: 11.11.2025 upto 12:00Hrs.

Please read carefully the terms and conditions given the enquiry quotation form.

S.No.	Description	Qty	Rates	Amount
1.	Dismantling and dehauling of existing 4 bay FM antenna and associated equipment form 30 meter tower at Akashvani Raebareli, Uttar Pradesh. i. Dismantling and safely dehauling of 4 bay FM antenna systems along with hardware fitting/fixtures from 30 mtr self supporting tower & keeping at safe site for further use at DD Site Leh (Ladakh-UT). ii. Dismantling & Dehauling of 1½" RF cable of the existing antenna system from the 30meter tower and packing the cable on the wooden cable drum and keeping at safe site for further use at DD Site Leh (Ladakh-UT).	1 Job		
2.	Shifting of 4 bay FM antenna and associated equipment form Akashvani Raebareli, Uttar Pradesh to DD Site Leh (Ladakh-UT). This Work includes packing, loading, unloading by proper mechanical tools & machinery and transit insurance of the material from Akashvani Raebareli, Uttar Pradesh to DD Site Leh (Ladakh-UT).	1 Job		
3.	Shifting of 1½" RF cable (packed in wooden cable drum) approximately 150 mtr from Akashvani Raebareli, Uttar Pradesh to DD Site Leh (Ladakh-UT). Work includes loading & unloading of wooden cable drum at Akashvani Raebareli & DD Site Leh (Ladakh-UT) repectively by proper mechanical tools & machinery and transit insurance of the material from Akashvani Raebareli, Uttar Pradesh to DD Site Leh (Ladakh-UT).	1 Job		
4.	Hauling up of 4 bay FM antenna and associated equipment and 1½" RF cable at DD Site Leh (Ladakh-UT) as per following: a) Hauling up of 4 Bay FM antenna and associated equipment system is to be carried out as per following: i. Inspecting the physical & electrical conditions of 4-bay antenna. ii. Design, supply and fixing of mechanical structure by mounting of 100mm seamless grade-A GI pipe of reputed make such as TATA or Jindal on Band II aperture for proper mounting arrangement. iii. Hauling up of 4-Bay FM Antenna on 100Mtr self supporting tower as per drawing and specification of OEM manual of antenna. iv. Fixing of antenna on designated site at 100Mtr self supporting tower with the accessories supplied with the antenna system as per design, specification content in OEM/Manual. b) Hauling up 1½" of RF cable shifted from Akashvani Raebareli, Uttar Pradesh for 4-Bay FM antenna is to be carried out as per design, specification content in OEM/Manual at DD Site Leh (Ladakh-UT). i. Opening the RF cable from the cable drums and inspecting the whole length of RF cable for physical & electrical condition. ii. Hauling up of 1½" RF cable on 100mtr SS tower through the vertical tray & upto transmitter hall through horizontal cable tray. iii. Clamping of the RF cable with the clamp & nut bolt at approx one mtr regular interval on vertical and horizontal cable tray. iv. Fixing of antenna on designated site 100Mtr self supporting tower with the accessories supplied with the antenna system as per design, specification content in OEM/Manual.	1 Job		
5.	Providing of stainless steel cable clamps with SS nut bolt to hold the 1½" RF cable on vertical & horizontal cable tray at DD Site Leh (Ladakh-UT).	40 Nos		
6.	Supply, fabrication and construction of copper plate earthing details of electrodes & earth pit as per given below: - Digging of pit of size: 1 mtr x 1 mtr x 3.5 mtr(D). - Providing of copper plate size 600 x 600 x 3mm. - Providing of copper strip of 50x3mm shall be extended from bottom of the earth pit to the surface of the earth pit, after joining the copper strip by copper rivets and proper brazing of strip to the copper plate. - Providing and fixing the 10ft. long 38 mm dia class "C" G.I pipe of reputed make such as Surya, Jindal or similar and fixing with the copper plate in the center with G.I/ SS nut bolts class C. One G.I. reducer at the top of the pipe is to be provided for fixing steel mesh for watering as shown in the drawing. - Placing the copper plate with pipe and strip into the pit. - Providing & filling of 2 Nos. of bags of bentonite each of 50 kg. (for each earth pit.) - Providing & filling of 80kg charcoal, and 80kg raw salt in alternate 3 to 4 layers in each earth pit. The fresh soil about 2.0 cubic metre in earth pit size in layers is to be arrange to fill the pit for proper result. - Proper watering of the filled pit for initial charging of pits. - Providing of heavy duty C.I. cover with lifting hooks. - Construction of CC chamber in ratio 1:4:8 & fixing of heavy duty C.I. cover.	02 Nos		

Note:
The scope as per drg. No. TM-15175/2 (General). The marking of these earth pits shall be given at site (drg. should be collected from the office and all the terms and condition on drawing should be accepted.

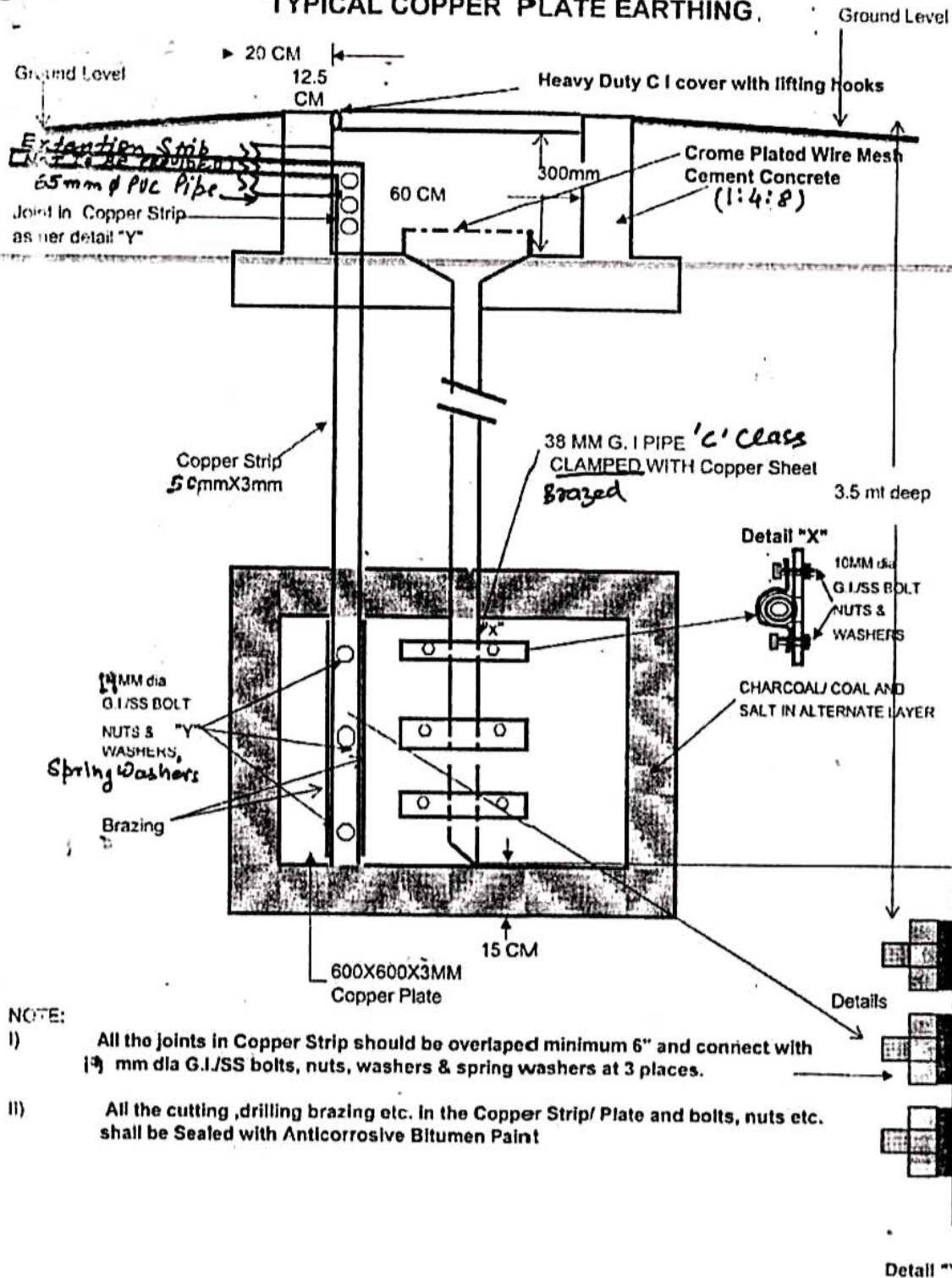
7.	Fixing of 25x3mm Copper braded strip/wire from 4 bay FM antenna to earth pit with proper clamping and brazing at DD Site Leh (Ladakh-UT).	1 Job		
8.	Measurement of 4-bay FM antenna at transmitter end of RF cable for VSWR, return loss, and matching percentage on given frequency and rectification if required.	1 Job		
	Important Note:- (Must read carefully) - All safety precaution must be taken before starting the work. - Work insurance certificate of the work for the said work must be present to the station incharge before starting the work. - The firm will have to liable for any accident/unforeseen happening of the workers. Akashvani will not take any responsibilities of any accident/loss during the work. - Drawings are provided for guidance of bidder. - After construction of earthing system the resistivity measurement shall be taken and it should be less than 1 ohm. Tenderer is required to ensure the same. Any change required in the above scope like length of electrode, no of pits extra should be brought in to the notice of department after proper measurement of earth conductivity, before submission of offer. - Copper plate and strip should have 99.9% of purity and the certificate of purity should be submitted by the bidder at the time of execution of scope. - DD Site LEH (Ladakh-UT) is a running station and other technical area is available only during non working hours of station which may be in night time also. There will be limited working hours based on availability of transmitter hall & other technical area. - Working hours shall be decided by engineering head. - All above shall be carried out and completed strictly as per respective drawing. - As the required scope is to be carried out in the running station the all job are required to be done in coordination with the station authorities. Total working hours per day shall be decided on the availability of the transmitter hall & other technical area. - DD Site Leh (Ladakh-UT) site is situated at remote and difficult climatic terrain of Leh & Ladakh region and DD Site Leh (Ladakh-UT) is approx 15km from Leh City. So, bidders should take proper information about ground reality of the site before submitting the bid process. - The bidder must be experienced in same kind of scope & shall submit documentary proof of same. - Above complete scope will be carried out in presence of authorized representative of this office.			
	Total			
	GST@			
	Grand Total			

Note:

- Scope of the order shall be as defined in the order, specifications, drawings and Appendices there to.
 - The supplier/contractor shall follow the best modern practice in the manufacture of high grade equipment notwithstanding any omission in that, the supplier/contractor shall in all respect design, engineer, manufacture, and supply the same within delivery period to the entire satisfaction of the organization.
 - The scope of current bid/tender is dehauling, shifting, hauling and fixing of 4-bay antenna & RF cable with associated equipments at 100mtr SS tower at DD Site Leh (Ladakh-UT).
 - Details of standard drawing have been provided with tender for guidance of bidder. Bidder shall require visiting the site for understanding the clear requirement of scope before submitting the offer.
 - Detailed specifications shall be submitted as per scope.
 - Experience details of similar scope executed during last seven years shall be submitted as per general terms and condition of contract.
 - Time of execution as per permission of engineer incharge at DD Site Leh (Ladakh-UT).
 - The bidder must be experienced in same kind of scope & shall submit documentary evidence with offer. The completion certificate is also to be attached issued by any Central and State Government agency, PSUs, Private organizations.
(In case of SITC/SETC and specialized scope, the contractor should also 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 a convenient full figure, in the last 7 years ending on the last day of the month previous to the one in which the tenders are invited").
 - Execution of scope has to be completed without break in service at DD Site Leh (Ladakh-UT).
 - Before submitting the offer tenderer must visit site and with prior permission of the site in-charge and submit confirmation of site visit. Technical details will be provided by In-charge of Site/I.O.
 - The firm has to produce a list all such labour along with the address proof which are to be employed office on signing contract. The firm shall issue the identity cards to all such persons to facilitate the entry in at DD Site Leh (Ladakh-UT).
 - Inspection will be carried out preferably in presence of authorized representative of O/o ADG(E) (NZ), AIR & DD, 8th floor, Soochna Bhawan, CGO Complex, New Delhi-110003.
 - Any damage or misplace in equipment will have to be provided by the firm during execution.
- 1) Quantity of Material & Scope may increase or decrease as per actual requirement/constraints at site.
 - 2) Please read carefully the terms and conditions given in this quotation form.
 - a) GSTIN No: b) PAN No.....
 - 3) **Delivery at:** Setting up of 5kW (1+1) FM Transmitter set-up at DD Site Leh (Ladakh-UT).
 - 4) **Consignee:** Installation officer, DD Site Leh (Ladakh-UT).
 - 5) **Completion Period:** Execution/Completion of scope in good condition within 60days from the date of order.
 - 6) **Validity:** 120days
 - 7) **Payment terms:**
 - 97% Payment on completion/execution of scope in good condition at site.
 - Balance payment of 03% will be paid after guarantee/warranty period of one year. However payment can be released against FDR/Account Payee Demand Draft/Banker's Cheque of equivalent amount in favour of Chief Engineer (NZ), Akashvani & Doordarshan, New Delhi valid for guarantee period at least.
 - 8) **Performance Guarantee/Security Deposit:**
 - The firm/contractor should submit performance guarantee/security deposit in the form of FDR from a schedule commercial bank valid for one year in favour of Chief Engineer (NZ), Akashvani & Doordarshan, New Delhi.
 - The Performance Guarantee/Security Deposit shall be 03% of cost of the order/contract value.
 - For release of security deposit/performance security, the firm will submit his claim along with a certificate from the ultimate consignee that equipment supplied/SITC executed against this order has performed satisfactorily during its warranty/guarantee period and department have not suffered any loss/inconvenience on this account.
 - 9) **Declaration:** We declare that all the conditions as given in the quotation form have been read by us.

Name (in capital) _____
(Seal & Signature of the Bidder)

TYPICAL COPPER PLATE EARTHING



Drawing No. 15175/2 (General)