



प्रसार भारती PRASAR BHARATI
(भारत का लोकसेवा प्रसारक INDIA'S PUBLIC SERVICE BROADCASTER)
कार्यालय अपर महानिदेशक (प्रसारण संचालन) (पूर्वोत्तरक्षेत्र)
OFFICE OF THE ADDITIONAL DIRECTOR GENERAL (A & BO) (NEZ)
आकाशवाणी एवं दूरदर्शन AKASHVANI AND DOORDARSHAN
दूरदर्शन परिसर, आर.जी.बरुआ मार्ग, गुवाहाटी, असम- 781 024
DOORDARSHAN COMPLEX, R.G.B.ROAD, GUWAHATI, ASSAM - 781024



File Nos. - ADG(E)(NEZ)/Projects/AIRDiphu/2026-27-Part(2)

Date- 02/09/2026

ADG(E)(NEZ)/Projects/AIR_Kohima/2026-27-Part(1)

ADG(E)(NEZ)/Projects/AIR_Tura/2026-27-Part(1)

ADG(E)(NEZ)/Projects/AIRGuwahati/2026-27-Part(1)

ADG(E)(NEZ)/Projects/AIR_LONGTHARAI/2026-27-Part(2)

Notice Inviting Quotation

Subject – Request for Submission of Budgetary Quotation for SITC of Copper Plate Earthing at Miscellaneous Akashvani Locations in NEZ.

Dear Sir/Madam;

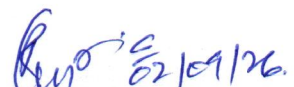
Budgetary Quotation for SITC of Copper Plate Earthing is invited for locations mentioned below –

1. Akashvani Diphu, Dharamnala, Diphu Bazar, Diphu, Assam 782462 – **6Nos.**
2. Akashvani Kohima, Kohima, Nagaland-797001 – **5Nos.**
3. Akashvani Tura, Tura, Meghalaya- 794001 – **5Nos.**
4. Akashvani Guwahati, Guwahati, Assam-781003 – **5Nos. &**
5. Akashvani Longtharai, Upanagar, Ambassa, District –Dhalai, Tripura –799289 – **6Nos.**

Note – Kindly quote the rates separately for each location.

Bidders are requested to submit the Budgetary Quotation for the subject cited above according to the specification attached along with this letter on or before 09/09/2026(2:00PM) by E-mail to this office at purchase.nez@gmail.com or at following address –

To – Head of Office(HOO),
O/o ADG(A&BO)(NEZ) Akashvani & Doordarshan,
Doordarshan Kendra Guwahati,
RG Baruah Road,
Near AIDC Bus Stop,
Guwahati, Assam-781024.
Purchase Section, Room No.-17.


Rakesh Gupta

Senior Engineering Assistant (Purchase)
for O/o ADG(A & BO)(NEZ), Akashvani & Doordarshan,
Guwahati, Assam.

Specification for copper plate earthing

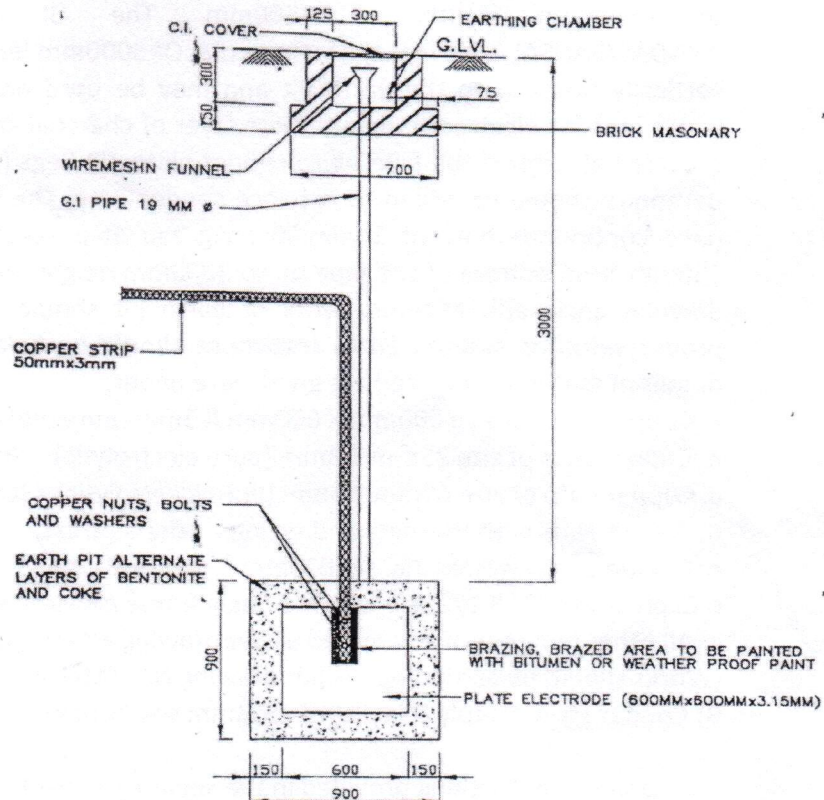
A) Specification:

1. "Copper plate earthing of size 600 X 600 X 3mm (electrolytic) shall be tightened by Brassnuts & bolts using spring washer & brazed with copper strip of size 25mm X 3mm (pure electrolytic), Plate should be embedded to minimum depth of 3500mm. The GI pipe (TATA, JHINDAL/BANSAL/SAIL make) of 40mm dia. Of 3000mm length should be vertically fitted in to the earth pit and may be used only for pouring water (not for electrode). An alternate layer of charcoal and salt may be provided all around the pipe up to copper plate. 02 Begg (25kgs each) of Bentonite should be added to enhance conductivity. The GI pipe should have continuous hole of 12mm dia. Zig zag at a regular spacing of 150mm from bottom of the pipe up to 2000mm height (as shown in the drawing enclosed). Masonry work of earth pit should be done with proper watering system. **Earth resistance should be below 1.0 Ω .** The details of materials required are given here under:-
 - a. Copper plate of size 600mm X 600mm X 3mm (pure electrolytic) ---- 01 No.
 - b. Copper strip of size 25mm X 3mm (pure electrolytic) -- As per requirement.
 - c. Copper strip of size 40mm X 6mm (pure electrolytic) X300mm length- 01 No.
 - d. Bolts & Nuts with Washers and spring washers (Brass) ----As per requirement.
 - e. GI pipe of size 40mm dia. & 3000mm length ---01 No.
 - f. CI pit cover 12" X 12" size with MS angle frame provided with hinge-- 01 No.
 - g. All other materials are required as per drawing attached.(Works should be carried out as per drawing No. TM-16599 (copy enclosed).
- B) Copper strip:** Supply & laying of 25x3mm size copper strip should be PVC insulated.

Drawing of Earthing provided in the separate sheet Drawing no: TM 16599.


सोहन लाल यादव / SOHAN LAL YADAV
सहायक अभियंता / ASSISTANT ENGINEER
अपर महानिदेशक (प्रशा. व प्र. सं.) (उ. पू. क्षेत्र) कार्यालय
O/o ADDITIONAL DIRECTOR GENERAL (A&BO)(NEZ)
आकाशवाणी एवं दूरदर्शन / AKASHVANI & DD
गुवाहाटी / GUWAHATI

COPPER PLATE EARTHING



NOTE:-

1. PIT SIZE OF 900x900x3900(or more) MM IS EXCAVATED & COPPER PLATE OF SIZE 600x600x3.15 MM IS PLACED VERTICALLY IN THE EXCAVATED PIT. THE PLATE SHALL BE CONNECTED TO COPPER STRIP OF 50x3 MM. THE BOLTS, NUTS, CHECK NUTS & WASHERS SHALL BE OF COPPER. THE PIT IS FILLED WITH ALTERNATE LAYERS OF COKE & BENTONITE UP TO A DEPTH OF 900 MM & REMAINING PORTION FILLED WITH LOOSE SOIL WITHOUT STONES. THE MASONARY CHAMBER AT GROUND LEVEL OF SIZE 700x700x450 MM WITH A HOLE IN MIDDLE TO PASS THE G.I. PIPE OF 19 MM DIA WITH A PROVISION FOR FUNNEL & PROVIDED WITH C.I. FRAME & COVER WITH LOCKING ARRANGEMENTS. THE FUNNEL SHALL BE FIXED WITH WIREMESH. THE MAIN HOLE COVER SHALL BE PAINTED & MARKED WITH RESISTANCE OF THE EARTH.
2. ALL THE DIMENSIONS ARE IN MILLIMETRES.

CHAUHAN	MAY2016
DRN BY	DATE

ALL INDIA RADIO
P & D UNIT
NEW DELHI
DRG. No. TM-10599

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