



**BHARAT SANCHAR NIGAM LIMITED**

(A GOVT. OF INDIA ENTERPRISE)

% the Executive Engineer (E), BSNL Electrical Division No. II,  
6<sup>th</sup> floor, BSNL Bhavan, Adarshnagar, Hyderabad.

No. 24(1)/BEDH-II/2023-24/

Dated : 02/03/2024

**NOTICE INVITING QUOTATION**

**NIQ No: 01/BEDH-II/2023-24**

The Sealed quotations are invited by the Executive Engineer (E), BSNL Electrical Division-II, Room No. 602, 6<sup>th</sup> floor, BSNL Bhavan, Adarsh Nagar, Hyderabad-500063 on behalf of the CMD BSNL from the BSNL Enlisted contractors / agency who has carried out at least one similar work in BSNL / any other PSU / Central / State Government. The filled up quotations should always be placed in a sealed cover with the name of work written on the envelope; will be received by the EE (E) BSNL ED-II, Hyderabad up to 3.00 PM on 04-03-2024 and will be opened at 3.30 PM on the same day.

**Name of work:** Providing Chemical Earthing and Lightning conductor works for Urgent 4G RAN Sites under Ph IX.2 HYDERABAD BA. (AREA-I)

**SCHEDULE OF QUANTITIES**

S No	DESCRIPTION OF WORK	QTY	RATE	UNIT	AMOUNT
As per the separate sheet attached.					

**Terms & Conditions:**

1. The work shall be carried out as per the CPWD specification
2. The materials shall be got approved by the Engineer-in-charge
3. The work shall be carried out **within twenty (20) days**
4. The agency should have valid Electrical License.
5. The firm should attach self attested documents pertaining to the eligibility criteria to the quotations.

**Contractor/Firm**

**Executive Engineer (E)  
BSNL Electrical Dn-II  
Hyderabad.**

Copy to:

1. The C.E.(E), BSNL Electrical Zone, Hyderabad.
2. The S.E.(E), BSNL Electrical Circle, Hyderabad.
3. The E.E.(E), BSNL Electrical Dn-I, Hyderabad.
4. The SDE(E), BSNL Electrical Sub-Dn-I/II/III/V., Hyderabad.
5. Notice Board.

**Executive Engineer (E)**

Schedule of Quantity

Name of work: Providing Chemical Earthing and Lightning conductor works for Urgent 4G RAN Sites under Ph IX.2 HYDERABAD BA. (AREA-I)

Sl no	DESCRIPTION OF ITEM	QTY		RATE	Unit	AMOUNT
1	Supply and installation of Maintenance free Chemical Earthing with following components complete with excavation, civil works, including Labor Charges for completing the process, Installation, commissioning & Testing of earthing pits etc., as required. (Note; work has to be carried out as per RDSO specification NO. RDSO/SPN/197/2014 and materials supplied shall be as per the specifications ) i) A hole of 100mm to 125mm dia shall be augered /dug to a depth of about 2.8 meters. ii) Earthing electrode shall be made of high tensile low carbon steel circular rod, molecularly bonded with copper with minimum thickness 250 Microns of 17 mm dia 3m long with UL Certified. iii) Back filled component of Non-bentonite chemical i.e., earth enhancement material (Minimum approximate 30-35 KGs). iv) Copper strip of 300x25x6 mm, to terminate earth rod - 1 no (To be exo-thermally welded to earth electrode) V) Construction of earth pit cover with heavy duty FRP Material of suitable size.	4	Jobs		Job	
2	P&F G.I. strip 25X5mm thick in ground/in pipe/on surface of wall or metal tray etc as reqd	75	Mtrs		Mtr	
3	P&F G.I. strip 25X5mm thick on existing mobile tower structure for lightning conductor i/c P & F of PVC insulation sleeve & insulators / clamps / fasteners etc as reqd (For vertical run)	70	Mtrs		Mtr	
4	Jointing GI strip (with another GI strip, base of the finial or any other metallic object) by riveting/nut bolting/sweating and soldering etc as reqd	20	Jobs		Job	
5	P&F testing joint, made of 25X5mm thick G.I. strip, 125mm long, with 4nos. of G.I. bolts, nuts, chuck nuts and spring washers etc as reqd	8	Jobs		Job	
6	P&F of 40 mm dia. Medium class G.I. pipe in ground or surface of wall i/c excavation, laying at suitable depth and refilling the trench as reqd	25	Mtrs		Mtr	

7	P/F Lightning Arrester Solid GI LA 16MM DIA 1.2 MTR Long supply of Solid GI Lightning Arrester 16mm dia meter 1200 mm long with attached supporting base plate 100x100x3mm with 10 mm 4 hole glove having 40 mm dia & 5 spike of 200mmx10mm dia.	5	Nos		Each
8	P&F of 100x6mm thick, 300mm long tinned Cu bus-bar having 6no holes, on 2no epoxy insulators, fixing on wall with steel brackets i/c chrome plated nuts, bolts, washers as reqd	4	Nos		Each
Total					
Add GST @ 18%					
Total including GST					
NOTE: List of sites will be issued after the award of work within the Hyderabad BA, BSNL HTD.					

**Contractor**

**Executive Engineer  
BSNL Electrical Division-II  
Hyderabad.**