MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD
CIN No. U40109MH2005SGCI53646
EHV O&M DIVN-II PUNE-30
MSETCL 220kV PARVATI S/STN.,
NEAR P.L. DESHPANDE GARDEN, SINHGAD ROAD, PUNE - 411030
☎- PH.NO.020-29910830 E-mail: ee6120@mahatransco.in

EE/EHV /O&M/PN /Tech-/411 **DT: 27.05.2024**

ENQUIRY

(Through MSETCL webpage)

TO WHOM SO EVER IT MAY CONCERN

Dear Sir,

The budgetary offers through e-mail are hereby invited for the above work as per Schedule `A' mentioned below:-

Sr. No.	Scope of work	UOM	Ex Rate	Extra Taxes	Unit Rate
	Work of Chemical Electrode Earthing at Tower Legs for 220kV Sahara Bombay Dyeing line under EHV O&M Dn-II, Pune. (As per attached drawing)				
1	Supply, installation and commissioning of Chemical Earthing Electrode at tower leg for 220kV Sahara Bombay Dyeing line **passes through hilly terrain area having hard rocks soil.** (The charges should be including all required material & transport) ***__The police verification of manpower is necessary to carry out said work__.	Per leg			

Note:- Rate shall be valid for 60 days from the date of submission of offer.

You are requested to quote your best reasonable rate for the above work. The Term & Conditionsare as follows.

Terms & Conditions:-

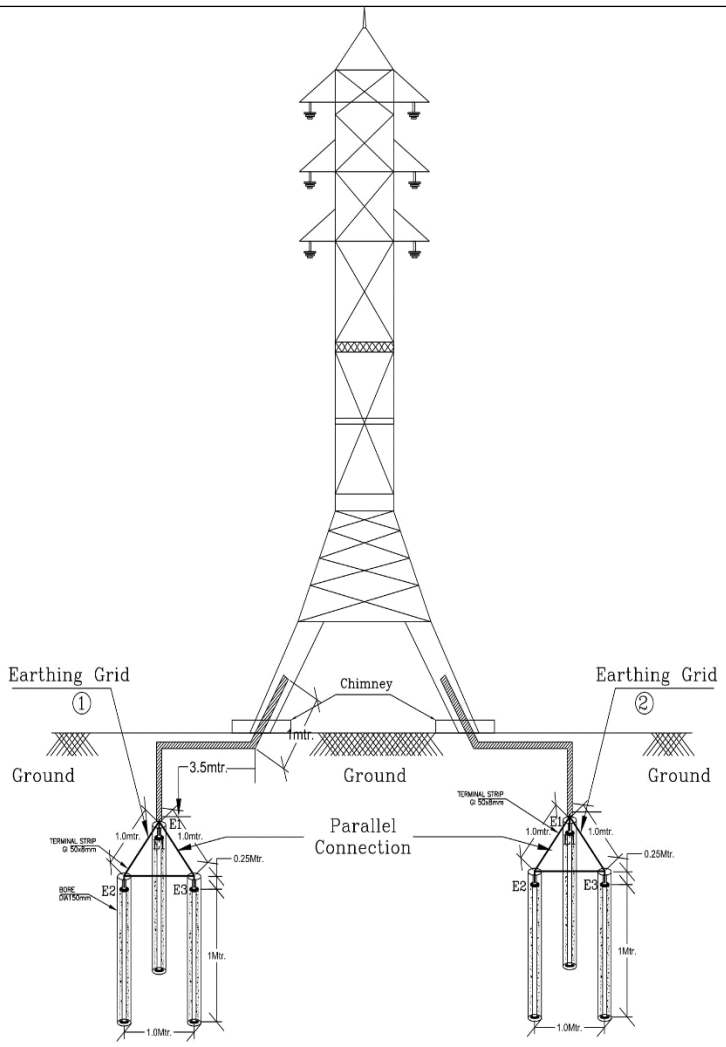
1. The rate should be quoted on firm quotation basis.
2. The rate should be exclusive of all taxes. Taxes should be quoted extra.
3. You are requested to submit your best reasonable budgetary offer as per Schedule 'A' for aboveworks on E-mail ID: **ee6120@mahatransco.in** upto **18:00 Hrs on dtd. 03.06.2024.**
5. Following documents should be submitted along with your offer,
   a. Shop act/Udyog addhar registration certificate.
   b. Work experience certificate for similar nature of works in MSETCL/MSEDCL/in any powerutility or in private company in India.
6. Please note that said budgetary offer is only for estimate purpose & will not be considered forany bidding & No work order will be issued based on this offer.

Thanking you,

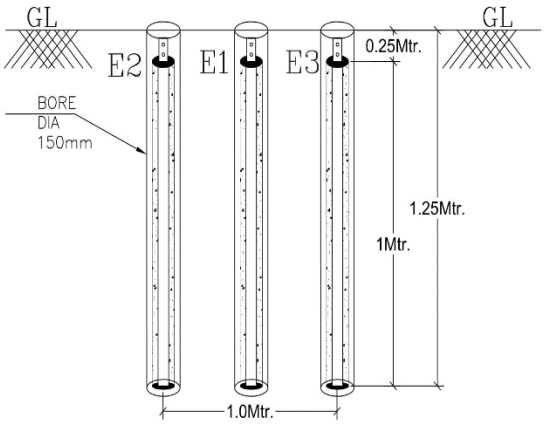
Yours Faithfully,

-Sd-
Mrs. P. U. Raut
Executive Engineer
EHV (O&M) Dn-II, Pune

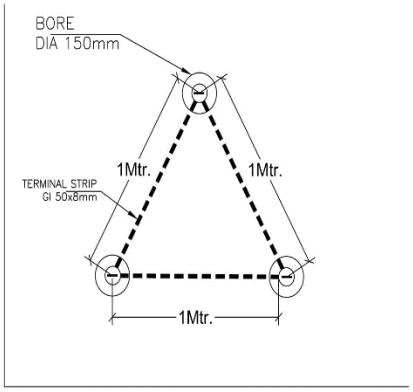
Schematic drawing of Tower Earthing is as follows.



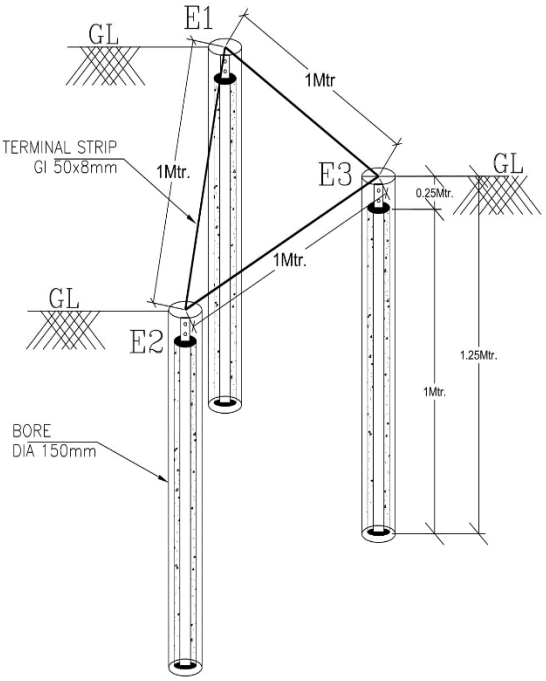
LEGEND		
Earthing Design For Chemical Electrode		
Sr. No.	DESCRIPTION	DETAILS
1	Voltage Level	220/132/100 kV
2	Fault Current	40kA
3	No. Of Electrode	3 Electrode Per Leg
4	Size of Electrode	88mm ø X 1mtr L
5	Type Of Electrode	GI Pipe with terminal, Filled with Dry Chemical Compound
6	Spacing Between Electrode	1mtr.
7	Type of connection	Triangular/Inline.(Depending upon site condition)
8	Size of GI. STRIP	50 x 8 mm
9	Min. Requirement of GI Strip for One tower	15mtr
10	Connection to Tower with GI Strip	Welding or Nut Bolting with tack welding
11	Length of GI Strip from electrode terminal to tower	7.5mtr. Per Leg.
12	Connection to Electrode With GI strip	Nut Bolting with GI Nut Bolts
13	Excavation for electrode depth	1.25mtr
13	Bore Dia	150mm
14	Back Filling Material	Ground Enhancing Back Fill Chemical Compound Characteristics With High Conductive Hygroscopic, Non-Magnetic, Non-Corrosive,



ELEVATION



TOP VIEW



ISOMETRIC VIEW

-Sd-
Mrs. P. U. Raut
Executive Engineer
EHV O&M Dn-II, Pune