

SCHEDULE OF WORK

Name of Work: Providing 2 nos. Copper plate earthing for HEMS Instruments under Prof. D. Basak, SSP Dept., IACS.

Ref: NIQ No. EL/064/ADM/14 Date: 26.05.2014

Item No.	Description of item	Qty	Unit	Rate (Rs. P)	Amt (Rs. P)
1	Earthing with copper plate earth electrode of size 600 mm x 600 mm x 3 mm thick including all accessories and providing masonry enclosure with cover plate having locking arrangement and GI watering pipe of 2.7 mtr long etc. (with charcoal & salt) as required. The work shall include providing & fixing of clay /cement barrier ring around the earth well in order to prevent land slide & and to provide safety to the personnel to be deployed for earth excavation work etc.	2	nos.		
2	Providing & fixing of 25mm x 5 mm copper strip on surface or in recess for connections etc. as required.	4	Mtr		
3	Supplying & laying of 25 mm x 5 mm copper strip at 0.5 m below ground as strip earth electrode including connection/ terminating with Brass /stainless steel nuts & bolts, spring washer etc. as required (jointing shall be done by overlapping and with 2 sets of of nut bolt & spring washer spaced at 50 mm)	15	Mtr		
4	Supplying & laying of 25 mm x 5 mm copper strip in 40 mm dia medium class G.I. pipe (ISI mark) from earth electrode including connection with Brass /stainless steel nuts bolts, spring washer excavation and refilling etc. as required	5	Mtr		
5	Providing & Fixing Earth Bus of 50mmx5mm copper strip on surface for connection etc. as required	0.6	Mtr		

Note:

1) The work shall be carried out as per CPWD Specifications unless otherwise specified.

2) Both the copper earth electrode & copper strip as mentioned above shall be of electrolytic grade copper

3) The strip earth electrode has to be connected securedly with the copper earth electrode by Stainless Steel nuts & bolts, spring washer, soldering materials with due use of chemical etc.

4) The materials for earthing are required to be got approved by the Engineer-in-charge before commencement of work.

5) All risks & responsibilities of the work (Life & property) shall lie solely on the Agency to whom the work will be awarded.

6) A copy of the valid electrical license along with a copy of the license of the Electrical supervisor has to be submitted with the Bid. However, the Original of the said documents may be produced before the competent authority of IACS on demand. Without valid Electrical license, work shall not be awarded to any contractor.

Signature with seal of the bidder