

No:-IIT Mandi/SE-939/2017-18/11456-57

Dated: 07.03.2018

NOTICE INVITING QUOTATION

Sealed item rate quotations as per schedule attached are hereby invited by the undersigned from registered contractors so as to reach in this office on or before **12-03-2018 up to 03:00 PM** and shall be opened on the same day at **03:30 PM** in the O/o Superintending Engineer, IIT Mandi at Kamand campus in the presence of intending contractors or their authorized representatives.

Name of work: -Providing Chemical Earthing and G.I. Plate Earthing for Clean Room at Kamand Campus of IIT Mandi.

----- As Per Schedule Attached -----

Terms & Conditions:-

1. The work will be carried out as per CPWD General Specifications for **Electrical works** amended up to date & as per the instructions of the Engineer-in-charge.
2. The work is of urgent nature and is to be completed within **45 days** from issue of work.
3. All damages done during execution of the work is to be made good by the agency and nothing extra will be paid separately for the same.
4. The Prices quoted should be net and nothing extra is to be paid.
5. Agency shall abide by labour rules and regulations.
6. All the applicable taxes shall be deducted from bill.
7. Earthing resistance of Tripod earthing Should be less than 1(ohm)
8. Compensation of delay of work will be @ 0.05% per day.
9. Certificate of Registration should also be attached with NIQ.
10. All material to be used on the work will have to be got approved from the Engineer-in-charge.

Sd/-
Superintending Engineer

COPY TO:-

1. Notice Board.
2. Institute Website.

Sd/-
Superintending Engineer

Schedule of Quantity						
Name of work :- Providing Chemical Earthing and G.I. Plate earthing for Clean Room at Kamand Campus of IIT Mandi.						
Sr. No.	Description of items	Qty.	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
1	Supplying, installation, testing & commissioning of Tripod Chemical Earthing which includes: i) Three No's 10' long 17.2 mm dia copper bonded rod 250 micron UL listed alongwith 60 kg of backfill compound TF-50 XT including digging of pits. ii) Three No's Poly plastic pit cover with bottom size 350 mm, top side (Closed) 270 mm and height 270 mm on all three pits. iii) Copper earthing strip 25X5 mm for interconnection of all three pits along with necessary clamps. iv) Any other material required to complete the job. as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	3	Set			
2	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	2	Set			
3	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nutbolt & spring washer spaced at 50mm) as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	50	Metre			
4	Supplying and laying 25 mm X 5 mm G.I strip on surface or in recess for connections etc as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	60	Metre			
5	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and refilling etc as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	6	Metre			
6	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode including connection/terminating with nuts,bolts, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nuts, bolts & spring washer spaced at 50 mm).as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	30	Metre			
7	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	60	Metre			
						Total

sd/-
Superintending Engineer