



IITMandi(CW)/SE-1502/2023-24/375-76

Dated:23/11/2023

**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 **30/11/2023 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 electrical points & Chemical earthing for Research lab of SPS at Top floor of A8 Building South 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 to be completed within **21 days** from issue of work order.
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. Earthing resistance of Tripod earthing should be less than 1(Ohm.)
5. The Prices quoted should be net and nothing extra is to be paid.
6. Contractor shall abide by labour rules and regulations.
7. All the applicable taxes shall be deducted from the bill.
8. Compensation of delay of work will be @ 0.05% per day.
9. GST Registration Certificate should also be attached with NIQ.
10. Certificate of enlistment with Central/State Govt. Organization/Central Autonomous body/Central Public Sector Undertaking should also be attached with NIQ.
11. All material to be used on the work will have to be got approved from the Engineer-in-charge

Sd/-  
Dean (I&S)

Copy to:-

1. Notice Board.
2. Institute Website

Sd/-  
Dean (I&S)

**Schedule of Quantity**

**Name of Work :- Providing electrical points & Chemical earthing for Research lab of SPS at Top floor of A8 Building South Campus of IIT Mandi.**

Sr. no.	Description of item	Qty	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
1	Supplying and fixing 15/16 A switch modular switch on the existing modular plate & switch box including connections but excluding modular plate etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	5.00	Each			
2	Supplying and fixing of 32 sq mm of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	30.00	Meter			
3	Supplying and fixing 6 pin 15/16 A socket outlet modular socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	5.00	Each			
4	Supplying and fixing 12 way Double door, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	1.00	Each			
5	Supplying and fixing Single pole 5 to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of Single pole, in the existing MCB DB complete with connections, testing and commissioning etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	10.00	Each			
6	Supplying and fixing 63A rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	1.00	Each			
7	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 as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts. (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.	30.00	Metre			
8	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.	35.00	Metre			
9	Supplying and drawing 3 x 4 Sq. mm. FRLS PVC insulated copper conductor single core cable in existing surface / recessed heavy duty PVC casing as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts..	30.00	Metre			
10	Supplying and drawing 3 x 6 sq mm of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	30.00	Meter			
11	Supplying and fixing 3 Module, PVC box alongwith modular base & cover plate for modular switches in recess etc as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	5.00	Each			
12	Supplying and fixing of 32 mm size of Heavy Duty PVC Casing Caping Double lock along with accessories in surface as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	20.00	Meter			

Sr. no.	Description of item	Qty	Unit	Rate(In Rs)		Amount (In Rs)
				(In Figure)	(In Word)	
13	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.	1.00	Set			
<b>Total</b>						

Note :- 1. Quoted rate should be inclusive of all applicable taxes including GST(nothing extra shall be payable).  
 2. All Statutory deduction will be made as per prevailing rates.

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