

Schedule of work					
Name of the work: Dedicated earthing and allied electrical work for the laser instrument of ERU Building					
SL.No.	Item Description	Quantity.	Unit.	Rate (Rs.)	Amount (Rs.)
1	Supplying of 4 core 70 sq.mm PVC sheathed/XLPE insulated armoured aluminium power cable of 1.1 KV grade as per IS : 7098 (part-1) 1988 etc. as required.	35	Metre.		
	Make : Polycab,Gloster, KEI & Havells.				
2	Laying and fixing of one no PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
a)	Above 35 sq.mm and upto 95 sq.mm (clamped with 25 X3 mm MS flat clamp.	35	Metre.		
3	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	4 X 70 sq.mm (38 mm)	2	Nos.		
4	Supplying & laying of single core 50 sq mm X 4 nos. multistrand copper flexible PVC insulated cable through armoured PVC flexible pipe with end PVC glands .	20	Metre.		
	Make : Polycab,Gloster, KEI & Havells.				
5	Supplying and making end termination with copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required.				
a)	4 X 50 sq.mm (38 mm)	4	Nos.		
6	Earthing with copper earth plate 600 mm X 600 mm X 3 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.	2	Sets.		
7	Providing and fixing 25mm x 5mm copper strip (wrapped with PVC sleeve) in 40mm dia G.I. pipe from earth electrode including connections with SS nut,bolt,spring,washer excavation and re filling etc as required.	65	Metre		
8	Providing and fixing earth bus of 50 mm X 5 mm copper strip on insulator surface for connections etc.as required.	0.5	Metre		
9	Wiring from dedicated earth bus to instrument earth point for earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit & end termination as required.				
a)	1X16 sq.mm.	40	Metre		
	Make : Polycab,Gloster, KEI & Havells.				
10	Providing & fixing 4mm dia bare copper wire on surface or in recess for loop earthing alongwith existing surface/recess conduit/submain wiring, as required.	70	Metre		
				Total	
Rupees.....Only					
NOTE: The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor except the accepted rate.					
	GST No:				
	SAC code:				
	CGST@.....% considered in the above BOQ				
	SGST@.....% Considered in the above BOQ				

Signature of the Bidder with seal