

**Schedule of work**

**Name of Work:** Panel rectification and cable laying work in the campus of IACS, Jadavpur.

SL.No	Item Description	Quantity.	Unit.	Rate (Rs.)	Amount (Rs.)
1	Supplying of 3.5 core 150 sq.mm PVC sheathed/XLPE insulated armoured aluminium power cable of 1.1 KV grade as per IS : 7098 ( part-1) 1988 etc. <b>Make :</b> Polycab,Gloster, KEI & Havells.	140	Metre.		
2	Supplying of 3.5 core 400 sq.mm PVC sheathed/XLPE insulated armoured aluminium power cable of 1.1 KV grade as per IS : 7098 ( part-1) 1988 etc.	120	Metre.		
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc as required,but excluding sand cushioning and protective covering.				
a)	Above 95 sq.mm. and upto 185 sq.mm.	50	Metre.		
b)	Above 185 sq.mm. and upto 400sq.mm.	40	Metre.		
4	Laying and fixing of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
a)	Above 95 sq.mm. and upto 185sq.mm.(Clamped with 40 x 3 mm MS flat clamp.)	90	Metre.		
b)	Above 185 sq.mm. and upto 400 sq.mm.(Clamped with 40 x 3 mm MS flat clamp.)	80	Metre.		
5	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)	3.5 X 150 sq.mm.(62 mm )	4	Each		

SL.No	Item Description	Quantity.	Unit.	Rate (Rs.)	Amount (Rs.)
6	Supplying and laying of following DWC HDPE pipe ISI marked along with all accessories like socket,bend,couplers etc.conforming to IS 14930,part II complete with fitting and cutting, jointing etc. in the existing trench,complete as required.				
a)	90 mm dia (OD - 90 mm & ID - 76 mm nominal)	55	Metre.		
7	Supply and fixing of din type, 315A HRC fuse, suitable for FN/FNX-400 SDF unit. Frame size: 2, utilization category: gG, Knife/Blade type.	3	Nos.		
8	Supply and fixing of din type, 630A HRC fuse, suitable for FN/FNX-630 SDF unit. Frame size: 3, utilization category: gG,Knife/Blade type.	3	Nos.		
9	Supplying of TPN, 630A, FN type, open execution, switch disconnecter fuse (SDF)unit, having frame size-5, with din type HRC fuse (knife type) links and fixing the SDF in the existing panel including terminating at the busbar and cable end.	1	Nos.		
10	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheath/XLPE alumininum conductor cable of 1.1KV grade, as required.				
a)	3.5 core 400Sq.mm	1	each		
11	Supplying of 0-400A range, CT operated (400/5A), flush mounted, analog, 96 mm X 96 mm, Three phase, Mooving Iron type AC ammeter, having accuracy class-1 as per IS: 1248.	1	Nos.		
	<b>Make:</b> AE, L&T, Kappa, MECO, schneider,Imp				
				<b>Total</b>	
<b>Rupees.....only</b>					
<b>NOTE: The quoted rate shall be inclusive of all taxes &amp; duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor except the accepted rate.</b>					
	<b>GST No:</b>				
	<b>SAC code:</b>				
	<a href="#">CGST@...6....% considered in the above BOQ</a>				
	<a href="#">SGST@.....6 ...%Considered in the above BOQ</a>				