

Estimate cum Schedule of work					
Name of work : Replacement of damaged power cable for the C.V Raman Hall and S.N. Bose Hall at IACS, Jadavpur.					
Sl. No.	Description.	Quantity.	Unit	Rate(Rs.)	Amount(Rs.)
1	Supplying of 3.5 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.	130	Metre		
	Make: polycab,gloster,KEI,Havells				
2	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 35 sq.mm. and upto 95 sq.mm.	30	Metre.		
3	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 35 sq.mm. and upto 95 sq.mm.(Clamped with 25 x 3 mm MS flat clamp.)	100	Metre.		
4	Supplying and laying of following size 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,joining etc.,in the existing trench, complete as required				
a)	63 mmdia (OD-63 mm & ID 51 mm nominal.)	30	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 70 sq.mm.	6	Each		
6	Supply, installation ,testing and commissioning of 100 A, 4 -pole, Manual on-Load Change Over Switch,In sheet steel enclosure with hinged type single door,padlocking facility,duly painted with powder coated/epoxy based paint, removable gland plates at both ends,gasket protected and cable end boxes at both ends, having three distinct positions (Source-1, source-2 & off), confirms to IS/IEC 60947-3.	1	Each		
	Make: C&S,Hager,ABB , L&T,Legrand				
7	Providing & Fixing of 4 mm dia bare copper wire on surface or in recess for loop earthing along with exisiting surface / recessed conduit / submain wiring / cable as required.	150	Meter		
			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					