

## QUOTATION

**Name of work:-Replacement of old existing power cable with allied work which become under rated due to increasing of total electrical load for the house no.632 Type-VI in the campus.**

S.No.	Description	Qty.	Unit	Rate In words & Figures)	Amount
1	S & F metal box of following sizes ( nominal size ) on surface or in recess with suitable size of phenolic laminated sheet cover in the front I/c painting etc as reqd.				
1.1	250 mm x 300 mm x 100 mm deep	1.00	Nos.		
2	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 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. (But without MCB/RCCB/Isolator)				
2.1	8 way (4 + 24), Double door	1.00	Nos.		
3	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
3.1	Single Pole	18.00	Nos.		
4	S & F following rating double pole (single phase & neutral) 240 volts RCCB (ELCB), having sensivity current up to 30 mA in the existing MCB DB complete with connection,testing & commissioning etc as reqd.				
4.1	63 Amp	3.00	Nos.		

S.No.	Description	Qty.	Unit	Rate In words & Figures)	Amount
5	Earthing with G.I earth pipe 4.5 mtr long. 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.	1.00	Set		
6	P & F 6 SWG dia GI wire on surface or in recess for loop earthing as reqd.	15.00	Mtr.		
7	Supplying and making indoor end termination with brass compression gland, aluminum lugs for following size of PVC insulated & PVC sheathed/XLPE aluminum cable of 1.1kV grade as reqd.				
7.1	3-1/2x25 sq.mm.	2.00	Nos.		
8	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required				
8.1	50 mm	10.00	Mtr.		
9	S & Laying of one no. XLPE cable aluminum conductor steel armoured power cable of 1.1kV grade of size 3-1/2x25 sq.mm. in following manners.				
9.1	Direct in ground I/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	90.00	Mtr.		
9.2	In pipe	5.00	Mtr.		
9.3	In open duct	1.00	Mtr.		
9.4	On surface with MS clamp	1.00	Mtr.		
10	S & F 40 amp to 63 amp rating 240 volts 'C' curve 10 kA MCB of following pole in the existing MCB DB complete with connection, testing & commissioning etc as reqd. (ABB)				
10.1	Four Pole	1.00	Nos.		

S.No.	Description	Qty.	Unit	Rate In words & Figures)	Amount
11	Supplying, fixing, connecting, testing & commissioning direct operated or CT operated 100/40A three phase electronic kWh meter LCD type of following ratings i/c. sealing the same (sealing material will be supplied by the dept.) etc. as reqd.				

11.1	100/40A , 415V, 50 Hz	1.00	Nos.		
------	-----------------------	------	------	--	--

Total Rs. \_\_\_\_\_

6  
 अधीक्षक अभियन्ता / S.E.  
 सोनिठविठ (I.W.D.)  
 भाठप्रठठ सस्थान, कानपुर  
 I.I.T., Kanpur  
 (Wade)

*(Signature)*