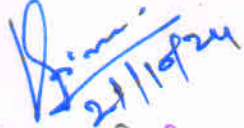


QUOTATION

Name of work :-Replacement of old & faulty cable of H.No.659, Type-6 which also become under rated dece to increase in total with allied work in the campus at IITK.

S.No	DESCRIPTION	Qty	Unit	Estimated rate without GST	Estimated Amount without GST
1	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd. .				
1.1	3 x 1.5 Sq.mm..	10.00	Mtr.	83.30	832.97
1.2	3 x 4 Sq.mm..	15.00	Mtr.	180.62	2709.34
1.3	3 x 6 Sq.mm..	10.00	Mtr.	266.55	2665.50
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.	5231.92	5231.92
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.	224.46	4040.33
4	S&F single pole blanking plates in existing MCB DB complete etc. as required.	2.00	Nos.	11.40	22.80
5	S & F following rating double pole (single phase & neutral) 240 volts RCCB (ELCB), having sensivity current up to 300 mA in the existing MCB DB complete with connection,testing & commissioning etc as reqd.				
5.1	63 Amp	3.00	Nos.	2386.67	7160.02
6	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonary enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1.00	Nos.	6551.51	6551.51
7	P & F 25 mm x 5 mm GI strip in 40 mm dia GI pipe from earth electrode with GI nut , bolt,spring washer excavation and refilling etc. as reqd.	10.00	Mtr	619.03	6190.27
8	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.				
8.1	3-1/2x25 sq.mm.	2.00	Nos.	274.44	548.88

S.No	DESCRIPTION	Qty	Unit	Estimated rate without GST	Estimated Amount without GST
9	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				
9.1	50 mm	21.00	Mtr.	538.36	11305.57
10	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
10.1	20 x 12 mm	5.00	Mtr.	75.41	377.03
10.2	25 x 16 mm	10.00	Mtr.	82.42	824.20
11	Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd.	1.00	Nos.	298.11	298.11
14	Supplying & Laying of one no. XLPE sheathed aluminum conductor steel armoured power cable of size 3-1/2x25 sq.mm. 1.1kV grade in following manners.				
15	direct in ground I/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	95.00	Mtr.	569.05	54059.62
15.1	In pipe	13.00	Mtr.	234.11	3043.40
15.2	In open duct	2.00	Mtr.	225.34	450.68
15.3	On surface with MS clamp	2.00	Mtr.	249.01	498.03
16	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.				
16.1	Single pole	5.00	Nos.	741.78	3708.90
16.2	Four pole	2.00	Nos.	3267.86	6535.73
17	Dismantling damaged DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd.	1.00	Nos.	386.67	386.67
18	S & F, connecting and commissioning looping type cable and control box with 16swg MS sheet of size 300 mm x 250mm x 125mm and fixed on 3mm thick bakelite sheet. box shall have almirah type hing and panel key type lock front door duly painted with earthing strud etc complete as required.	18.00	Nos.	2419.11	43544.06
	Estimated Amount Rs.				160985.53
	Say Rs.				160986.00
	Please quote percentage above/below (%)				
	Quoted Amount Rs.				


 दिनेश कुमार तिवारी
 (VINAY KUMAR TIWARI)
 अधिष्ठाता अभिवंता (वि०) E.E. (Elect.)
 संगीतवि०, भा० प्र० संस्थान, काठपुर
 I.W.D., I.I.T., Kanpur
