

## QUOTATION

**Name of Work: Supply and laying of 3.5 core 35 sqmm Aluminium conductor Armoured power supply cable from nearest Feeder Panel to DB of House No. 1005, 1006, 1007 and 1008 in Type-1 area & Change of 3.5 x 95 sqmm power cable from ground floor electric switch room to reception side electric panel at Visitor Hostel-2, IIT Kanpur.**


Sl.No.	Item Description	Qty	Units	Rate (i/c GST)	AMOUNT (i/c GST)
1	Supplying & drawing following sizes of FRLS PVC insulated copper conductor single core cable in / on <i>the existing surface</i> / recessed, PVC / steel conduit as reqd.				
1.1	3 x 6 Sq.mm..	15.00	Mtr.	315.00	4725.00
2	Supplying and fixing following way, Horizontal type (PPI) triple pole and neutral, sheet steel, MCB distribution board, 415 Volts, 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	4 way (4 + 12), Double door	1.00	Nos.	4233.00	4233.00
3	Supply & Fixing MCB of following pole and rating 240/415 volts, 10 kA, 'C' curve in the existing MCB DB complete with connection, testing & commissioning etc as reqd. of approved make.				
3.1	Single Pole 40 amp	6.00	Nos.	576.00	3456.00
4	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	10.00	Each	6.00	60.00
5	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
5.1	63 amps	1.00	Each	582.00	582.00
6	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following triple pole and neutral, sheet steel, vertical MCB distribution board, 415 Volts, on surface/ recess, complete with testing and commissioning etc. as required.	1.00	Nos.	1211.00	1211.00

7	Earthing with G.I earth pipe 4.5 metre long 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2.00	Sets	7092.00	14184.00
8	Providing and fixing 6 SWG dia. GI wire on surface or in recess for loop earthing as reqd.	10.00	Mtr.	72.00	720.00
9	Supplying and fixing cable route marker with 10 cm X 10 cm X 5 mm thick G.I. plate with inscription there on, bolted/welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground as required.	1.00	No.	526.00	526.00
10	Laying of one no. PVC insulated, PVC sheathed / XLPE power cable of 1.1kV grade of size upto 35 sq.mm.				
10.1	In pipe	32.00	Mtr.	38.00	1216.00
10.2	In open duct	10.00	Mtr.	29.00	290.00
10.3	On surface with MS clamp (clamped with 1mm thick saddle)	3.00	Mtr.	57.00	171.00
11	Supplying and making end termination with brass compression gland, aluminium lugs for following size of PVC insulated & PVC sheathed / XLPE aluminium cable of 1.1kV				
11.1	3.5 x 35 sq.mm.	2.00	Nos.	382.00	764.00
12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work				
12.1	50 mm dia	4.00	Mtrs	789.00	3156.00
13	Supply & Laying of 40 mm dia, 8Kg / cm <sup>2</sup> , minimum 2.0 mm thick HDPE pipe, ISI mark in following manners as required complete.				
13.1	In ground i/c excavation sand cushioning protective covering, refilling of earth as reqd.	28.00	Mtr.	467.00	13076.00
13.2	Laying charges In Pipe	4.00	Mtr.	103.00	412.00
13.3	Laying charges On Surface	1.00	Mtr.	123.00	123.00
14	Supply of one number PVC/XLPE insulated & PVC/XLPE sheathed aluminium conductor steel armoured power cable of following size with 1.1kV grade as per IS 7098 (part 1) 1988 of Havells or equivalent approved make.				
14.1	3.5 x 35 sq.mm.	45.00	Mtr.	297.00	13365.00

15	Dismantling of old/damaged DB/ TPN switch Box etc. on surface/ recessed including making good and painting with enamel paint etc as reqd	1.00	Nos.	302.00	302.00
16	Laying of one no. PVC insulated, PVC sheathed / XLPE power cable of 1.1kV grade of size above 35 sqmm and upto 95 sq.mm.				
16.1	Direct in ground I/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	1.00	Mtr.	419.00	419.00
16.2	In pipe	1.00	Mtr.	59.00	59.00
16.3	In open duct	10.00	Mtr.	46.00	460.00
16.4	On surface with MS clamp (clamped with 25 X3 mm MS flat clamp )	33.00	Mtr.	134.00	4422.00
17	Supplying and making <i>end termination</i> with brass compression gland, aluminium lugs for following size of PVC insulated & PVC sheathed / XLPE aluminium cable of 1.1kV grade as reqd.				
17.1	3.5 x 95 sq.mm.	2.00	Nos.	609.00	1218.00
18	Supply of one number PVC/XLPE insulated & PVC/XLPE sheathed aluminium conductor steel armoured power cable of following size with 1.1kV grade as per IS 7098 (part 1) 1988 of Havells or equivalent approved make.				
18.1	3.5 x 95 sq.mm.	45.00	Mtr.	676.00	30420.00
	Total Rs.				99,570.00
	Total Estimated Rs..				99,570.00
	Quoted Percentage Above /below				
	Quoted Amount Rs. (i/c GST)				

Bidder Signature & Date

Bidder seal

  
**ताल्लूरि केशवदास**  
**TALLURI KESAVADAS**  
 अधिशासी अभियंता (विद्युत)  
 Executive Engineer (Elect)  
 स.नि.वि. भा.प्री. संस्थान, कानपुर  
 I.W.D., I.I.T. Kanpur