

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 50/IWD/ED/267

SCHEDULE OF QUANTITY

Name of work: Providing light point and plug in two rooms of dog feeder centre near old gas godwon and other associated works.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying & Laying of one no. XLPE sheathed aluminum conductor steel armoured power cable of size 31/2 x 25 sq.mm. 1.1kV grade in following manners.				
a)	direct in ground l/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	250.00	Mtr.		
b)	In pipe	10.00	Mtr.		
c)	In open duct	5.00	Mtr.		
d)	In surface	3.00	Mtr.		
2	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.				
a)	3½ X 25 sq. mm (28mm)	2.00	Nos.		
3	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and refilling etc as required				
a)	50 mm	10.00	Mtr.		
4	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
a)	Group 'A'	4.00	Points		
5	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
a)	3 x 1.5 Sq.mm..	10.00	Mtr.		
b)	3 x 4 Sq.mm..	30.00	Mtr.		
6	S & F of following size of steel conduit along with the accessories in surface/recess l/c painting in case of surface conduit or cutting the wall and making good the same in case of recessed conduit. as reqd.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a)	25 mm	25.00	Mtr.		
7	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 l/c painting etc as reqd.				
a)	100 mm x 100 mm x 60 mm deep	2.00	Nos.		
b)	180 mm x 100 mm x 60 mm deep	6.00	Nos.		
c)	200 mm x 150 mm x 60 mm deep	2.00	Nos.		
8	S&F, connecting and commissioning looping type cable end control box with MS sheet of 16 SWG of size 200 mm x 200 mm x 125 mm having 1 no. 6amp to 32 amp SPMCB 250 volt and 2 nos. brass neutral link 12.5 mm square rod 6 way approx. 60 mm long and fixed on 6 mm thick bakelite sheet. Box shall have almirah type hinge and panel key type lock front door duly painted with earthing strud etc. complete as required.	1.00	Nos.		
9	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	Triple pole	1.00	Nos.		
10	Supplying and fixing brass batten/ angle holder including connection etc. as required.	4.00	Nos		
11	S & F following piano type switch /socket on existing switch box/cover l/c connection etc as reqd.				
a)	5/6 Amp switch	8.00	Nos.		
b)	15/16 Amp. switch	6.00	Nos.		
c)	3 Pin 5/6 Amp. socket outlet	8.00	Nos.		
d)	6 Pin 15/16 Amp. socket outlet.	6.00	Nos.		
	Total Rs.				