

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**Dean of Infrastructure & Planning**

NIT No.- QT/09-05-2024-08

N/W Providing and fixing new streetlight with pole and associated work near national Cryo-EM facility building

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S.No	Description	Qty	Unit	Estimated Rate without GST (Rs)	Estimated Amount without GST (Rs)	Quoted Rate without GST (Rs)	Quoted Amount without GST (Rs)
1	Numbering of pole/ ceiling fan/ exhaust fan/fluorescent fittings as required	30	Nos	51	153		
2	Providing and fixing 6 SWG dia. GI wire on surface or in recess for loop earthing along with the existing surface/ recessed conduit/ submain wiring/ cable as reqd	5	mtr	62	3100		
3	Supplying and making indoor 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						
4	2 x 10 sqmm (19mm)	3	set	215	645		

5	Providing, laying and fixing following dia GI pipe (medium class) in ground complete with GI fittings including trenching (75 cm deep) and re-filling etc as reqd						
6	50 mm dia	6	mtr	584	3504		
7	Supplying and drawing of following sizes of FR PVC insulated copper conductor, 3 core round cable of following size in the existing surface/recessed steel/ PVC conduit as reqd						
8	1.5 sq.mm	15	mtr	70.14	1052.10		
9	Supplying and laying of one no. XLPE cable aluminium conductor steel armoured cable of size 2 x 10 sqmm grade 1.1Kv in following manners						
10	In ground i/c excavation, sand cushioning protective covering, refilling of earth as reqd	50	mtr	391.06	19553		
11	In existing pipe	5	mtr	113.11	565.55		
12	In existing open duct	5	mtr	106.09	530.45		
13	SITC of street light luminures. Ruby (clear) type following LED postop lantern new generation, postop, energy saving, environmental friendly, long life aesthetically designed with symmetrical light distribution, spun aluminum landscape luminaire with high power LEDs as light source on the existing street light pole complete as reqd						
14	40W	3	nos	10156.07	30468.21		



15	Digging cable trench/lifting brick/s and cable for locating fault and refilling the trench, ramming and making good the same as reqd	5	mtr	206.05	1030.25		
16	Supply and fixing of 65 mm dia. 'B' class GI POLE 4.5 mtr. Long for post top lantern i/c bas eplate 300 x 300 x 3mm GI reducer and nipple for mounting the fitting with painting etc grouting in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 grade stone aggregate 40 mm nominal size 0.4 mm dia x 0.5 mm high to accommodate the looping) complete as reqd	3	nos	4797.90	14393.70		
		<b>Estimated Amount (A) =</b>		<b>Rs 74,995/-</b>	<b>Quoted Amount (B) =</b>	<b>Rs.</b>	
		<b>Percentage (%) = <math>\frac{B-A}{A} \times 100</math></b>					



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