

BOQ

for

Name of Work: Repairing and shifting of garden light Poles at Hospital in IITG Campus.**NIT No: IITG/IPM/NIT/FY21-22/38; Dtd-14/02/2022**

Sl. No.	Description of Item	Unit	Qty.	Rate (in Rs.)	Rate in Words	Amount (Rs.)
1.0	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required.					
	a). Upto 35 sq. mm	Mtr	335			
2.0	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					
	a). 50 mm dia	Mtr	25			
	b). 100 mm dia	Mtr.	50			
3.0	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.					
	a).Upto 35 sq. mm	Mtr.	25			

4.0	Supplying and making 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.					
	a) 3 X 10 sq. mm (22mm)	Set	22			
5.0	Erection of metallic pole of following length in concrete 1:3:6 (1Cement: 3Coarse Sand:6 Graded stone aggregate 40mm nominal size) foundation including excavation and refilling as required.					
	a). Above 4.5mtr and upto 6.5mtr	No	10			
6.0	Supplying and embedding following dia G.I. pipe (medium class) in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required. (Including SMC Box)					
	a). 32 mm dia	Mtr	10			
7.0	Supply of 3core, 10 Sq.mm Al armoured UG Cable. (Make-Havells/RR Kabel/KEI/Finolex/Polycab)	Mtr	335			

8.0	Supply of LED post top lantern with die cast aluminum graphite grey power quataed spigot, acrylic clear diffuser having minium efficacy more than 90 lumen/watt, operating voltage range 140-280V AC. (Make- Bajaj/Philips/Havells/Jaquar/Syska/CG)	No	3			
9.0	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc., including supplying and fixing ball and socket arrangement, 2 Nos. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	10			
TOTAL AMOUNT						
Discount@.....%, if any						
GRAND TOTAL AMOUNT						

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N.B: Quoted rate should be inclusive of all Taxes.

Date:

Place:

Seal & Signature of Bidder