

**BOQ**

for

**Name of Work: Renovation of garden lights at Subansiri Hostel in IITG Campus.****NIT No: IITG/IPM/NIT/FY22-23/32; Dtd-18/10/2022**

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	250			
2.0	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.					
	a). Upto 35 sq. mm (clamped with 1mm thick saddle)	Mtr	265			
3.0	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			
4.0	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			

5.0	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) 2 X 6 sq. mm (19mm)	Set	18			
6.0	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	16			
7.0	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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)					
	a). 8 way , Double door	Each	4			
8.0	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). Single pole	Each	16			
	b). Double pole	Each	4			

9.0	Supply of 3core, 6 Sq.mm Al armoured UG Cable.(Make-Havells/RR Kabel/KEI/Polycab/Finolex)	Mtr	275			
10.0	Supply of 3core, 4 Sq.mm Cu Unarmoured Cable. (Make-Havells/RR Kabel/KEI/Polycab/Finolex)	Mtr	265			
11.0	Supply of LED post top lantern with die cast aluminum graphite grey power quotaed spigot, acrylic clear diffuser having minium efficacy more than 90 lumen/watt, minimum 40w, operating voltage range 140-280V AC. (Make-Bajaj/Philips/Havells/Jaquar/Syska/CG)	No	8			
12.0	Supply of 90watt LED flood light. (Make-Bajaj/Philips/Havells/Jaquar/Syska/CG)	Each	8			
13.0	Supply and installation of SMC junction box with 6Amp MCB. (Make-Sintex/Hensel or equivalent)	No	16			
<b>TOTAL AMOUNT</b>						
Discount@.....%, if any						
<b>GRAND TOTAL AMOUNT</b>						

(Rupees.....)

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

**Date:**

**Place:**

**Seal & Signature of Bidder**