

BOQ

for

Name of Work: Shifting and re-erection of existing Volleyball Court light poles to new location near Old SAC Building in IITG Campus.						
NIT NO: IITG/IPM/NIT/R/2024-25/86; Dtd-12/03/2025						
Sl. No.	Description of Item	Unit	Qty.	Rate in Figure (in Rs.)	Rate in Words	Amount (Rs.)
1.0	Supply of 3C 2.5 Sq.mm CU flexiable cable. (Make-KEI/Havells/RR Kabel/Finolex)	Mtr	100			
2.0	Supply of 3.5C 6 Sq.mm AL armoured cable. (Make-KEI/Havells/RR Kabel/Finolex)	Mtr	300			
3.0	Supply and installation of suitable size SMC junction box with 6Amp MCB, Channel, Connector, etc as required. (Make-Sintex/Hensel or equivalent)	Each	4			
4.0	Dismantling of 11Mtr height light pole including labour as required.	No	4			
5.0	Earthing with G.I. earth pipe 4.5 metre long, 40 mm diaincluding accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	4			
6.0	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I.pipe from earth electrode including connection with G.I. nut,bolt, spring, washer excavation and re-filling etc. as required.	Mtr	60			
7.0	Laying of one number PVC insulated and PVC sheathed / XLPEpower cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.					
	a). Upto 35 sq. mm	Mtr	100			

8.0	Installation, testing and commissioning of pre-wired, flood light complete with all accessories etc., as required.	Each	12			
9.0	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). Double pole	Each	4			
10.0	Erection of steel tubular or rail pole strut in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling and secured with holding clamps, bolts, nuts, painting of base, etc. as required.	Each	4			
11.0	Supplying and embedding following dia G.I. pipe (medium class) in pole pollar/foundation (during casting) for cable entry including bending the pipe to the required shape complete as required.					
	a). 40 mm dia	Mtr	4			
12.0	Supplying and fixing of G.I.(medium class) bracket/flat iron clamp for mounting at least 3nos. flood light fitting on pole with nuts,bolts and washer, painting the flat iron with primer and finish paint etc. as required.	Each	4			
13.0	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	300			

14.0	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)	Each	8			
TOTAL AMOUNT						
Discount@.....%, if any						
GRAND TOTAL AMOUNT						
(Rupees.....)						

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

Place:

Seal & Signature of Bidder