

**KIRORI MAL COLLEGE: UNIVERSITY OF DELHI**  
(University of Delhi)

Date: 25.03.2022

**Sealed quotations are invited for Installation of lights in the garden and playfield area at Kirori Mal College, University of Delhi. The quotation must reach the college office by 30.03.2022 before 4:00 p.m.**

S.No	Particulars	Units	QTY	Rates	Amount Rs.
1	Supply and erection of road lighting steel tubular swaged type pole conforming IS 2713-1980, pole designation 410 SP 15 9.0 meter long with bas plate drilling of 1" dia hole on the upper portion of the pole for the installation of street light and 1" dia hole on the lower portion of the poles for entry of the wire Base pole painting of red oxide and two coats of silver white aluminum paint. The poles shall have extra provided and fixed with 4x2 dia being erected by laying 5x2x2(length, breadth and width ) cement concrete block in the ration 1:3:6 and block be continued up to 1 feet above the ground level i.e. 4 feet below ground level including surface plastering the job including excavation of pole with 4 feet deep and refilling the same after installation of the pole and with holes at top of the pole for fixing ring type GI braket as required.	Nos	4		
2	Supply and fixing of GI ring bracket on top the pole for the installation of the integral flood light luminaire at 9 mtr long pole as required for 4 nos flood lights as required.	Nos	2		
3	Supply and fixing of GI bracket on top of the pole for the installation of the integral flood light luminaire at 9 mtr long pole as required for 2 Nos flood lights as reqd.	Nos	4		
4	Supply and fixing of dust and wheather proof gasket 250mmx200mmx150mm deep box nominal size of 16 SWG thick MS sheet cable looping box with the existing pole with MS clamp made out of 25mmx3mm thick flat iron with suitable nuts and bolts complete with hinged cover and locking screws earth studs neoprene gasket suitable for pole mounted including supply and fixing one no 6 Amp MCB carrier with base and 4 way 60 Amp terminal block suitable to receive PVC armoured cable fixed on suitable size bakelite sheet base complete with connection painting as required.	Nos	8		

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S.No	Particulars	Units	QTY	Rates	Amount Rs.
5	Supply and fixing of GI pipe ( class B) 40 mm dia Nominal 1.5 mtr length along the pole or protection of underground cable as required ( vertical length ) as required.				
6	Supply and drawing of 2x2.5 Smm PVC insulated copper flexible cable in tubular pole of providing supply to the street lights( as required)	Mtr	90		
b.	2 core 6 Sqmm (Havells/polycab)	Mtr	365		
8	Laying of following sizes of PVC insulated and PVC sheathed XLPE insulated armoured AL cable direct in ground including excacation sand cushioning brick protection and back filling as required				
a.	4 core 16 Sqmm (Havells/polycab)	Mtr	170		
b.	2 core 6 Sqmm (Havells/polycab)	Mtr	445		
9	Providing and fixing of 4 mm dia GI were on surface or in recess for loop earthing along with the existing cable in ground as required	Mtr	510		
10	Supply of the MWF330-AK/400(ASYM) 1xHPI-T 400 Watt Integral flood lights luminaire with pressure die case cast Aluminum housing (IP 65) (Make Phillips)	Nos	16		
11	Erection, testing and commissioning of MWF330-AK/400(ASYM) 1xHPI-T 400 Watt Integral flood lights luminaire with pressure die case cast Aluminum housing (IP 65) (Make Phillips)	Nos	16		
12	<b>Main Distribution Boards: LT Panels</b> Supply, installation, testing at works and commissioning of following distribution board totally enclosed compartmentalized cubicle type out door type fabricated with 2mm thick sheet steel with AI bus bar (both for mains and neutral bus bars) complete with connections required for 415 Volts, 3 phase 4 wire 50 Hz AC supply as per specifications and drawings MCCB shall be of thermal magnetic trip type/				
12.1	<b>Panel 1 (Outdoor type)</b>				
	<b>Incomer</b>				
a.	32 Amp 4 pole MCCB-1 nos, fault level for MCCB=10 KA				
b.	R,T,B phase indicating lights with control fuses – 01 set	Set	1		
	<b>Bus Bar</b>				
	100 Amp 415 volt, 50 Hz, 3 phase, 4 wire Aluminum bus bar				
	<b>Outgoing</b>				
	32 Amp 2 pole SPN=04 Nos				
13	<b>Earthing</b>				

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S.No	Particulars	Units	QTY	Rates	Amount Rs.
a.	60 mm GI galvanized pipe with Tin plated outside	Set	2		
	40 mm GI heavy galvanized pipe inside with CCM Gel chemical filled around 40 mm pipe				
	1+ Bag of Marbengy 50 Backfill compound for meters type				
14	Shifting of the existing 09 mtr long from its existing location and re-installation of the same pole and erection of road lighting steel tubular swaged type pole for the installation of flood lights as required				

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