

BILL OF QUANTITY

NAGAR PARISHAD KHAGARIA

NAME OF PROJECT

DETAILED ESTIMATE OF INSTALLATION, OPERATION AND MANAGEMENT OF 4005 STREET LIGHT IN WARD NO-01 TO WARD -39 NAGAR PARISHAD KHAGARIA, FOR THE FINANCIAL YEAR 2025-26

SI NO.	SOR	ITEMS OF WORK	UNIT	QTY	RATE	AMOUNT
1	BCD ELE 1.22.1	Supplying and fixing metal/ PVC box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required. 75 mm X 75 mm X 60 mm deep	EACH	3450	139	479550
2	BCD ELE 1.23.3	Supplying and fixing following plano type switch/ socket on the existing switch box/ cover including connections etc. as required. 15/16 amps switch	EACH	3450	102	351900
3	BCD ELE 1.7.2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2X2.5 sq. mm + 1X 2.5 sq. mm earth wire	METER	24150	246	5940900
4	BCD ELE 5.14	Supplying and fixing following types LED street light with minimum efficacy 100 lm/w in die cast aluminium housing, toughened glass, IP 66 protection and complete with electronic driver etc on pole/building including connection earthing the body etc as required				
	5.14.3	70 WATT	EACH	2000	4805	9610000
	5.14.4	90 WATT	EACH	1450	5516	7998200
5	BCD ELE 8.5	Supplying and fixing of 32 mm dia X 1.00 metres long G.t. pipe (medium class) bracket for mounting of fluorescent / HPMV/ HPSV/ LED street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required.	EACH	3450	1038	3581100
					TOTAL	27961650
6		Operation & maintenance cost 5% per year upto 5 year (on item 3.404)		1219027.5 -1398082.5		-6990413
					TOTAL	34952063
					SAY RS	34952000

6095136.00

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