

OFFICE OF NAGAR PALIKA PARISHAD PANDARIYA DIST:- KABIRDHAM (C.G.)
Estimate No. /Dated..... / Year 2026

ESTIMATE OF LIGHT POLE

SANT RAVIDAS WARD, WARD NO - 14

[As per S.O.R.P.W.D ELECT W.E.F. 01.06.2020]

S/NO	CSR	PARTICULARS	UNIT	RATE	AR NAVEEN SAHU	
					QTY	AMOUNT
1	19.7	Supply of hot dipped galvanized (in single dip to minimum 75 micron) octagonal pole made of 3mm thick steel grade E-350 sheet having window and flush cover with locking arrangement at suitable height from base for cable termination block, pole suitably reinforced with welded steel section at window cut section to make the strength of pole unaffected, with following minimum specifications with 4 way terminal connector including 3mm thick anchor plate, 4 nos 20mm dia foundation bolts of EN8 grade, and as per IS 2062 & BS EN: 10025. (designed for wind speed upto 180km/hr, IS: 875				
	19.7.2	7 metre high, dia 130mm at bottom and 90mm at top, base plate size 220x220x12mm, foundation bolts 700mm long				
2	19.10	Erection of STEEL TUBULAR or "H" BEAM/ ISMB pole in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation and cement concrete collar of size 0.4 metre dia and 0.50 metre height from ground level including excavation and refilling etc. as per	Each.	10938.00	50	546900
	19.10.4	7 metre to 10 metre				
3	19.23/169	Designing and providing suitable RCC foundation in cement concrete 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) for 3 mere to 12 metre high GI octagonal pole including steel reinforcement (Minimum 90 kg per cum), form work, ebeding 2 nos 50 mm dia PVC pipe for cable entry in each foundation , excavation disposal of surplus soil and curing etc. as required.	Each	2610.00	50	130500.00
		50x0.60x0.60x1.20=21.168				
4	19.9/164	Supply and fixing following street light pole bracket on existing pole made out of 50 mm dia MS "B" class pipe welded to 300 mm long MS pole canopy of suitable dia at a angle of 102.50 including having MS triangular stiffner of size 150x50x5 mm thick, making arrangement for tightening the bracket with pole by provding suitable size heavy duty nuts and bolts in camopy, painting with one coat of approved	cubm	5219.00	21.600	112730.40
	19.9.1	Single Over Hang 0.75 metre Long				
5	15.1	Supplying and laying following sizes one number PVC insulated/ ELPE PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	Each	963.00	50	48150.00
	15.1.23	4 x 16 sq. mm.				
6	15.23/125	Supplying and making end termination with brass compression gland and aluminium lugs for following size armoured aluminium conductor power cable of 1.1 KV grade as required	Mtr	300.00	1250	375000.00
		2x6 sq. mm (16mm)				
7	15.23.2/125	Supplying, Installation, Testing and commissioning	Each	91.00	50	4550.00
	6.28/37					

[As per S.O.R.P.W.D ELECT W.E.F. 01.06.2020]						AR NAVEEN SAHU	
S/NO	CSR	PURTICULARS	UNIT	RATE	QTY	AMOUNT	
		of following 230/250volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 5kv surge protection on pole bracket complete as required and furnishing 2 year Guarantee certificate from					
	6.28.7	60 watt	Each	3622.00	50	181100.00	
8	12.12/98	Supplying and laying 6SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode , including soldering, excavation and refilling the trench etc. as required.	Mtr	36.00	1450	52200.00	
9	12.1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as per specification and IS Code 3043: 1987(R 2016)	Set	3243.00	50	162150.00	
10	9.2/79	Supplying and fixing on surface following way, 240 volts SP&N MCB DB ofvsheet steel phosphatized and power painted complete with tinned copper busbar , neutral busbar, earth bar, din bar, detachable gland plate, including interconnection , earthing etc. as required . (but without					
	9.2.1	4 way, Single door	Each	567.00	4	2268.00	
11	9.12/82	Supplying and fixing DP MCB 240 volts 'C' curve, suitable for lighting and other lads in the existing MCB DB complete with connection s, testing and commissioning etc. as required.					
	9.12.5	63 amps	Each	643.00	4	2572.00	
12	3.11/20	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit / PVC casing caping as per specification and IS: 694 (2010)					
	3.11.12/21	2x1.5 sq. mm	Mtr	39.00	2200	85800.00	
13	14.1	Supplying and laying ISI marked double wall HDPE pipe (IS 14930 Part II) having corrugation on the outer wall and plan surface on inner wall in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification.					
	14.1.1	63 mm outer dia and 50 mm Inner dia	Mtr.	184.00	1225	225400.00	
					Total	1929320.40	

[As per S.O.R.P.W.D ELECT W.E.F. 01.06.2020]					AR NAVEEN SAHU	
S/NO	CSR	PURCULARS	UNIT	RATE	QTY	AMOUNT
		Add 2.00% For Contingency & Consultancy				38586.41
					G Total	1967906.81
					Say As.	1968000.00
					In Lacs.	19.68
[Rupees in Words : NINETEEN LACS SIXTY EIGHT THOUSAND ONLY]						

(01)Rate provided in this Estimate is based on S.O.R. for Electrical works for P.W.D. in force from 01-06-2020 issued by Engineer in Chief P.W.D. Raipur (C.G.) (up date ammendment)

COMM./C.M.O

E.E./S.E.

AR NAVEEN SAHU

No. - 5976 Date - 09-02-2026
 Technical Sanction of Nagar Nigam
 Palika / Panchayat Pandariya
 Here by Guaranteed for the Construction
 Repairing of street light pole
 In Ward No. 14
 for Rs. 19.68 lacs (In words) Rs. Ninety
lacs sixty eight thousand only

AR. NAVEEN SAHU
 CA/2109/46483 [B. Arch.]
 Architect Municipal Licence No. - 001
 Chartered Valuer No. - LM/CAT-I/A-5278
 Basantpur Chowk, Rajnandgaon (C.G.)

Checked By

Executive Engineer
 U.A.&D. Durg (C.G.)