

OFFICE OF NAGAR PALIKA PARISHAD PANDARIYA DIST:- KABIRDHAM (C.G.)

Estimate No...../Dated...../ Year 2026

ESTIMATE OF LIGHT POLE

PANDIT DEENDAYAL UPADHYAY WARD, WARD NO - 10

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

AR NAVEEN SAHU

S/N	CSR	PURTICULARS	UNIT	RATE	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 Part 2)				
	19.7.2	7 metre high, dia 130mm at bottom and 90mm at top, base plate size 220x220x12mm, foundation bolts 700mm long	Each.	10938.00	50	546900
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 specification of length:				
	19.10.4	7 metre to 10 metre	Each	2610.00	50	130500.00
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.				
		50x0.60x0.60x1.20=21.168	cubm	5219.00	21.600	112730.40
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				
	19.9.1	Single Over Hang 0.75 metre Long	Each	963.00	50	48150.00
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.				
	15.1.23	4 x 16 sq. mm.	Mtr	300.00	1250	375000.00
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				
	15.23.2/125	2x6 sq. mm (16mm)	Each	91.00	50	4550.00

[As per S.O.R.P.W.D ELECT W.E.F. 01.06.2020]						AR NAVEEN SAHU	
S/N	CSR	PURTICULARS	UNIT	RATE	QTY	AMOUNT	
7	6.28/37	Supplying, Installation, Testing and commissioning 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 capping 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]					
S/N	CSR	PURTICULARS	UNIT	RATE	AR NAVEEN SAHU 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. 5975 Date 09/02/2026

Technical Sanction of Nagar Nigam

Palika / Panchayat Pandharya

Here by Guaranteed for the Construction

Repairing of Street Light Pole

In Ward No. 10

for Rs. 19.68 lacs (In words) Rs. Ninety
lacs Sixty Eight Thousand

Checked By CG

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

AR. NAVEEN SAHU
CA/2009/46483 [B. Arch.]
Architect Municipal Licence No. - 001
Chartered Valuer No. - LM/CAT-I/A-5278
Basantpur Chowk, Rajnandgaon (C.G.)