

::: Estimate :::

Name of Work: Providing & Installation of Street Lights at Narengi chariali to Bonda road

Sl. No.	Sch. No.	Description of Item	Unit	Rate	Qty	Amount
1	14.16.1	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. 63 mm dia (OD-63 mm & ID-51 mm nominal)	Metre	247.00	600	148200.00
2	7.5.1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. Upto 35.0 sq. mm	Metre	37.00	600	22200.00
3	5.2	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/ coke and salt as required.	Set	6855.00	7	47985.00
4	5.7	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	Metre	51.00	600	30600.00
5	2.10.5	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.				
		2.10.2 Single pole and neutral	Each	599.00	22	13178.00
		2.10.5 Triple pole and neutral	Each	1228.00	1	1228.00
6	2.12	Supply and fitting following rating, double pole, 240 V, isolator in the existing mCB DB complete with connections, testing and commissioning etc, as required. 2.12.1 40 A	Each	435.00	1	435.00
7	11.3.1	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required. Above 4.5 metre and upto 6.5 metre	Each	5121.00	22	112662.00
8	Non-Schedule-1	Supplying including installation, testing and commissioning of 63 Amp Capacity, Outdoor Type, Floor Mounted, Street Light Panel Board, 1.6 mm CRCA Sheet made, painted with SIEMENS GREY Powder Coat Paints after Pretreatment through 9 Tank (Cold Processing), Aluminium Busbar, Angle Stand Frame (40 mm x 40 mm x 6 mm), internal wiring and Labour charge etc. as required (Rate as per analysis enclosed)	Each	37878.00	1	37878.00
9	Non-Schedule-2	Supplining including fitting fixing Buckle for steel strap for DB fixing as required	Each	33.00	5	165.00
10	Non-Schedule-3	Supplining including fitting fixing insulating Piercing Connector IPC EP95 for street lighting as per NFC Std. as required (Rate as per analysis enclosed)	Each	83.00	44	3652.00
11	Non-Schedule-4	Supplying of 5.0 Metre Hot Dip Galvanized Octagonal Pole as required (Rate as per analysis enclosed)	Each	10282.00	22	226204.00
12	Non-Schedule-5	Supplying including fitting fixig of single arm bracket in 6.0/8.0 Metre Hot Dip Galvanized Octagonal Pole as required	Each	2856.00	22	62832.00
13	Non-Schedule-6	Supplying with fitting and fixing of 90 Watt LED Street Light luminaries including making necessary connection with 2 x 2.50 sq mm F.R multi stand and P.V.C insulated single core copper cable as required (Rate as per analysis enclosed)	Each	7270.00	22	159940.00
14	Non-Schedule-7	Supplying including fitting & fixing of Power Contactor, 60 A, 4 Pole complete with all connection in the existing Panel Board as required (Rate as per analysis enclosed)	Each	15698.00	1	15698.00

15	Non-Schedule-8	Supplying including fitting & fixing of Timer in the existing Panel Board as required (Rate as per analysis enclosed)	Each	4339.00	1	4339.00
16	Non-Schedule-9	Supplying of 16.0 sq. mm,4.0 Core, XLPE Insulated, PVC Sheathed, LT Armoured underground Aluminium cable 650 V/1100 V Grade as per IS 7098 (Part 1) 1988 with upto Date Amendments as required (Rate as per analysis enclosed)	Metre	389.00	600	233400.00
17		Cost of Service Connection, load security, Metre Security to be paid to APDCL (Lump Sum)	Each	20000.00	1	20000.00
		Total =				1,140,596.00
(Rupees Eleven Lakh Forty Thousand Five Hundred Ninety Six) only						

Sd/-
Technical officer
Guwahati Utilities Company Limited
Ganeshguri, Guwahati- 06

Sd/-
Superintending Engineer
Guwahati Utilities Company Limited
Ganeshguri, Guwahati- 06