

**Name of Work: SUPPLY, INSTALLATION, REPAIRING, COMMISSIONING AND COMPREHENSIVE
MAINTENANCE OF STREET LIGHTS AT ADABARI BUS TERMINAL (Package- 1)**

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	860	212420.00
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	520	19240.00
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	15	102825.00
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	450	22950.00
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. Triple pole and neutral	Each	1228.00	5	6140.00

6	11.3.3	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. above 8.0 meter & upto 10 meter.	Each	7077.00	15	106155.00
7	Non-Schedule-2	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	37888.00	1	37888.00
8	GUCL approved rate	Octagonal pole of following specification : Type BOP or equivalent - 103 Hieght 10.00 m Dia. 70 Bottom & Dia. 175, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 275 X 275 X 16, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 24 dia. pitch circle dia. PC 270, Bolt Length 750, Projected Bolt Length 125, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizone)	Each	31,885.00	15	478275.00
9	Non-Schedule-16	Supplying with fitting and fixing of 150 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	24183.00	27	652941.00
10	Non-Schedule-18	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	14763.00	1	14763.00
11	Non-Schedule-19	Supplying including fitting & fixing of Timer in the existing Panel Board as required (Rate as per analysis enclosed)	Each	4081.00	1	4081.00

12	Non-Schedule-20	Supplying of 25sq. mm,3.5 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	448.00	570	255360.00
13	Non-Schedule-21	Cost of Service Connection, load security, Metre Security to be paid to APDCL (Lump Sum)	Each	12000.00	1	12000.00
14	GUCL approved rate	Single arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	1,500.00	3	4500.00
15	GUCL approved rate	Double arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	3,375.00	12	40500.00
16	GUCL approved rate	Triple arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	4,044.00	2	8088.00
17	2.10.1	Supply & fixing 5 amps to 32 amps 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 & commissioning ect. As required single pole.	each	265.00	13	3445.00
18	2.2.14	Providing & fixing following rating & breaking capacity & pole MCCB with thermomagnetic release & terminals spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required, 125 A, 36 KA, at PMCCB.	each	8,209.00	1	8209.00
					Total Rs =	1,989,780.00
(Rupees Nineteen Lakh Eighty Nine Thousand Seven Hundred Eighty) only						

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

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

::: Estimate :::

Name of Work: SUPPLY, INSTALLATION, REPAIRING, COMMISSIONING AND COMPREHENSIVE
MAINTENANCE OF STREET LIGHTS AT ADABARI BUS TERMINAL (Package - 2)

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	850	209950.00
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	537	19869.00
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	15	102825.00
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	480	24480.00
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. Triple pole and neutral	Each	1228.00	5	6140.00

6	11.3.3	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. above 8.0 meter & upto 10 meter.	Each	7077.00	15	106155.00
7	Non-Schedule-2	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	37888.00	1	37888.00
8	GUCL approved rate	Octagonal pole of following specification : Type BOP or equivalent - 103 Hieght 10.00 m Dia. 70 Bottom & Dia. 175, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 275 X 275 X 16, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 24 dia. pitch circle dia. PC 270, Bolt Length 750, Projected Bolt Length 125, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizone)	Each	31,885.00	15	478275.00
9	Non-Schedule-16	Supplying with fitting and fixing of 150 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	24183.00	27	652941.00
10	Non-Schedule-18	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	14763.00	1	14763.00
11	Non-Schedule-19	Supplying including fitting & fixing of Timer in the existing Panel Board as required (Rate as per analysis enclosed)	Each	4081.00	1	4081.00

12	Non-Schedule-20	Supplying of 25sq. mm,3.5 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	448.00	570	255360.00
13	Non-Schedule-21	Cost of Service Connection, load security, Metre Security to be paid to APDCL (Lump Sum)	Each	12000.00	1	12000.00
14	GUCL approved rate	Single arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	1,500.00	3	4500.00
15	GUCL approved rate	Double arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	3,375.00	12	40500.00
16	GUCL approved rate	Triple arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	4,044.00	2	8088.00
17	2.10.1	Supply & fixing 5 amps to 32 amps 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 & commissioning ect. As required single pole.	each	265.00	15	3975.00
18	2.2.14	Providing & fixing following rating & breaking capacity & pole MCCB with thermomagnetic release & terminals spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required, 125 A, 36 KA, at PMCCB.	each	8,209.00	1	8209.00
		Total Rs =				1,989,999.00
(Rupees Nineteen Lakh Eighty Nine Thousand NineHundred Ninety Nine) only						

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::: Estimate :::

Name of Work: SUPPLY, INSTALLATION, REPAIRING, COMMISSIONING AND COMPREHENSIVE
MAINTENANCE OF STREET LIGHTS AT ADABARI BUS TERMINAL (Package- 3)

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	860	212420.00
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	530	19610.00
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	15	102825.00
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	447	22797.00
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. Triple pole and neutral	Each	1228.00	5	6140.00

6	11.3.3	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. above 8.0 meter & upto 10 meter.	Each	7077.00	15	106155.00
7	Non-Schedule-2	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	37888.00	1	37888.00
8	GUCL approved rate	Octagonal pole of following specification : Type BOP or equivalent - 103 Hieght 10.00 m Dia. 70 Bottom & Dia. 175, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 275 X 275 X 16, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 24 dia. pitch circle dia. PC 270, Bolt Length 750, Projected Bolt Length 125, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizione)	Each	31,885.00	15	478275.00
9	Non-Schedule-16	Supplying with fitting and fixing of 150 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	24183.00	27	652941.00
10	Non-Schedule-18	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	14763.00	1	14763.00
11	Non-Schedule-19	Supplying including fitting & fixing of Timer in the existing Panel Board as required (Rate as per analysis enclosed)	Each	4081.00	1	4081.00

12	Non-Schedule-20	Supplying of 25sq. mm,3.5 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	448.00	570	255360.00
13	Non-Schedule-21	Cost of Service Connection, load security, Metre Security to be paid to APDCL (Lump Sum)	each	12000.00	1	12000.00
14	GUCL approved rate	Single arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	1,500.00	3	4500.00
15	GUCL approved rate	Double arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	3,375.00	12	40500.00
16	GUCL approved rate	Triple arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	4,044.00	2	8088.00
17	2.10.1	Supply & fixing 5 amps to 32 amps 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 & commissioning ect. As required single pole.	each	265.00	13	3445.00
18	2.2.14	Providing & fixing following rating & breaking capacity & pole MCCB with thermomagnatic release & terminals spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required, 125 A, 36 KA, at PMCCB.	each	8,209.00	1	8209.00
		Total Rs =				1,989,997.00
(Rupees Nineteen Lakh Eighty Nine Thousand Nine Hundred Ninety Seven) only						

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::: Estimate :::

Name of Work: SUPPLY, INSTALLATION, REPAIRING, COMMISSIONING AND COMPREHENSIVE
MAINTENANCE OF STREET LIGHTS AT ADABARI BUS TERMINAL (Package- 4)

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	870	214890.00
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	568	21016.00
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	15	102825.00
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	459	23409.00
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. Triple pole and neutral	Each	1228.00	5	6140.00
6	11.3.3	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. above 8.0 meter & upto 10 meter.	Each	7077.00	15	106155.00
7	Non-Schedule-2	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	37888.00	1	37888.00

8	GUCL approved rate	Octagonal pole of following specification : Type BOP or equivalent - 103 Hieght 10.00 m Dia. 70 Bottom & Dia. 175, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 275 X 275 X 16, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 24 dia. pitch circle dia. PC 270, Bolt Length 750, Projected Bolt Length 125, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizone)	Each	31,885.00	15	478275.00
9	Non-Schedule-16	Supplying with fitting and fixing of 150 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	24183.00	27	652941.00
10	Non-Schedule-18	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	14763.00	1	14763.00
11	Non-Schedule-19	Supplying including fitting & fixing of Timer in the existing Panel Board as required (Rate as per analysis enclosed)	Each	4081.00	1	4081.00
12	Non-Schedule-20	Supplying of 25sq. mm,3.5 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	448.00	560	250880.00
13	Non-Schedule-21	Cost of Service Connection, load security, Metre Security to be paid to APDCL (Lump Sum)	Each	12000.00	1	12000.00
14	GUCL approved rate	Single arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	1,500.00	3	4500.00
15	GUCL approved rate	Double arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	3,375.00	12	40500.00
16	GUCL approved rate	Triple arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each	4,044.00	2	8088.00
17	2.10.1	Supply & fixing 5 amps to 32 amps 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 & commissioning ect. As required single pole.	each	265.00	13	3445.00
18	2.2.14	Providing & fixing following rating & breaking capacity & pole MCCB with thermomagnetic release & terminals spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required, 125 A, 36 KA, at PMCCB.	each	8,209.00	1	8209.00
					Total Rs =	1,990,005.00
(Rupees Nineteen Lakh Ninety Thousand Five) only						

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

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