

Tender ID: 2021_AAI_93758_1

Contract No: AAI/ER/KOL/EE/NIT-03/2021-22

[illegible]

3.10	4 x 16 Sq. mm.	450.00	Meter
4.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
4.10	Upto 35 sq. mm	20.00	Meter
5.00	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
5.10	Upto 35 sq. mm	20.00	Meter
6.00	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.		
6.10	Upto 35 sq. mm	30.00	Meter
7.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.		
7.10	Upto 35 sq. mm	10.00	Meter
7.20	Above 35 sq. mm and upto 95 sq. mm	15.00	Meter
8.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.		
8.10	Upto 35 sq. mm (clamped with 1mm thick saddle)	350.00	Meter
8.20	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	20.00	Meter
9.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.		
9.10	4 X 16 sq. mm (28mm)	6.00	Each
9.20	3½ X 35 sq. mm (32mm)	4.00	Each

140.00	63000.00	150.00	67500.00	125.00	56250.00	148.00	66600.00	56250.00	Kundu Enterprise
300.00	6000.00	200.00	4000.00	298.00	5960.00	173.00	3460.00	3460.00	ALFA DEAL PRIVATE LIMITED
98.00	1960.00	70.00	1400.00	352.00	7040.00	173.00	3460.00	1400.00	M/s. Das Electricals
35.00	1050.00	3.00	90.00	40.00	1200.00	58.00	1740.00	90.00	M/s. Das Electricals
22.00	220.00	4.00	40.00	40.00	400.00	46.00	460.00	40.00	M/s. Das Electricals
35.00	525.00	19.00	285.00	50.00	750.00	127.00	1905.00	285.00	M/s. Das Electricals
40.00	14000.00	16.00	5600.00	61.00	21350.00	63.00	22050.00	5600.00	M/s. Das Electricals
57.00	1140.00	30.00	600.00	63.00	1260.00	155.00	3100.00	600.00	M/s. Das Electricals
192.00	1152.00	150.00	900.00	160.00	960.00	543.00	3258.00	900.00	M/s. Das Electricals
195.00	780.00	200.00	800.00	190.00	760.00	940.00	3760.00	760.00	Kundu Enterprise

10.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	20.00	Each
11.00	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	10.00	Each
12.00	Wiring for light / power plug with 2x4 sq mm FRLSH PVC insulated copper conductor single core cable in surface/recessed steel conduit alongwith 1 No 4 sq.mm FRLSH PVC insulated copper conductor single core cable for loop earthing as required.	120.00	Meter
13.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLSH PVC insulated copper conductor, single core cable in surface/recessed steel conduit as required.		
13.10	2 x 1.5 sq. mm + 1 x 1.5 sq. mm earth wire	210.00	Meter
13.20	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	70.00	Meter
14.00	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required	10.00	Each
15.00	Supply of 36 Watt Surface / recessed mounted LED luminaires with efficacy >100 lumen/watt (600mm x 600mm) constructed of CRCA sheet metal with premium epoxy white powder coating complete for Glare free uniform illumination with longer life suitable for 230V, 50 Hz power supply (Make: Havells , Cat No.VENUSNEOHE2X2R36WLED840PI or equivalent make conforming to tender technical specifications.)	18.00	Each

940.00	18800.00	800.00	16000.00	1400.00	28000.00	671.00	13420.00	13420.00	ALFA DEAL PRIVATE LIMITED
580.00	5800.00	500.00	5000.00	1440.00	14400.00	554.00	5540.00	5000.00	M/s. Das Electricals
120.00	14400.00	175.00	21000.00	295.00	35400.00	147.00	17640.00	14400.00	Youngmen Traders
140.00	29400.00	181.00	38010.00	240.00	50400.00	61.00	12810.00	12810.00	ALFA DEAL PRIVATE LIMITED
160.00	11200.00	180.00	12600.00	265.00	18550.00	98.00	6860.00	6860.00	ALFA DEAL PRIVATE LIMITED
9.00	90.00	18.00	180.00	29.00	290.00	24.00	240.00	90.00	Youngmen Traders
3200.00	57600.00	3000.00	54000.00	2600.00	46800.00	2452.00	44136.00	44136.00	ALFA DEAL PRIVATE LIMITED

16.00	Supply of LED High Bay light of innovative die-cast Aluminum/Magnesium Alloy IP65 light fixture having efficacy > 110 lumen/watt and High efficiency long life minimum CCT of 5000 to 6500K i/c necessary electronic driver, high power LED lamp suitable to operate on 230V ac power supply with connector etc as per tender specifications complete as required.		
16.10	40 Watt LED High Bay Light (Havells : STUPEWGP40WLED757SSYMTOPCGRY or Equivalent under AAI Approved Make)	16.00	Each
17.00	Supply of 18 Watt recessed mounted LED luminaires with efficacy >100 lumen/watt constructed of CRCA sheet metal with premium epoxy white powder coating complete for Glare free uniform illumination with longer life suitable for 230V, 50 Hz power supply (Make: Havells , Cat No.EDGEPRORDDLR18WLED840S or Equivalent).	15.00	Each
18.00	Installation, Testing, Commissioning of high/ medium bay light fittings of all sizes and shapes complete with all accessories including connections etc. as required.	15.00	Each
19.00	Installation ,Testing, Commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	15.00	Each
20.00	Supply of 1200mm sweep ceiling fan suitable for operation at 230 ± 10 V, 50HZ AC supply with all its accessories. The supplied fan should be BEE-5 star rated (Make: Havells ES NEO or equivalent as per the approved make list.)	15.00	Each
21.00	Installation, testing and commissioning of ceiling fan, including down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required	10.00	Each
22.00	Supply of 300 mm sweep Exhaust fan with metallic body suitable for operation at 230 ± 10 V, 50Hz AC supply with all its accessories. (Make: Havells Ventil Air - DB or equivalent as per the approved make list.)	6.00	Each
23.00	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. Upto 450 mm sweep	5.00	Each

2000.00	32000.00	2100.00	33600.00	1800.00	28800.00	1698.00	27168.00	27168.00	ALFA DEAL PRIVATE LIMITED
950.00	14250.00	1150.00	17250.00	1800.00	27000.00	1194.00	17910.00	14250.00	Youngmen Traders
95.00	1425.00	175.00	2625.00	110.00	1650.00	173.00	2595.00	1425.00	Youngmen Traders
48.00	720.00	82.00	1230.00	50.00	750.00	184.00	2760.00	720.00	Youngmen Traders
1750.00	26250.00	1700.00	25500.00	3200.00	48000.00	3114.00	46710.00	25500.00	M/s. Das Electricals
95.00	950.00	100.00	1000.00	65.00	650.00	173.00	1730.00	650.00	Kundu Enterprise
1550.00	9300.00	1600.00	9600.00	2600.00	15600.00	2276.00	13656.00	9300.00	Youngmen Traders
248.00	1240.00	200.00	1000.00	90.00	450.00	173.00	865.00	450.00	Kundu Enterprise

24.00	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.	4.00	Each
25.00	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	4.00	Each
26.00	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	30.00	Meter
27.00	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	20.00	Meter
28.00	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	35.00	Meter
29.00	Supplying and fixing of following ways surface/ recessmounting, vertical loadline DB type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required .		
29.10	4 way (4 + 12), Double door	1.00	Each
29.20	8 way (4 + 24), Double door	2.00	Each
29.30	12 way (4 + 36), Double door	1.00	Each
30.00	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.		
30.10	Single pole	35.00	Each
30.20	Double pole	2.00	Each
30.30	Triple pole	4.00	Each

4400.00	17600.00	4100.00	16400.00	3440.00	13760.00	13631.00	54524.00	13760.00	Kundu Enterprise
6200.00	24800.00	5000.00	20000.00	12500.00	50000.00	10038.00	40152.00	20000.00	M/s. Das Electricals
98.00	2940.00	120.00	3600.00	94.00	2820.00	181.00	5430.00	2820.00	Kundu Enterprise
175.00	3500.00	200.00	4000.00	92.00	1840.00	169.00	3380.00	1840.00	Kundu Enterprise
40.00	1400.00	20.00	700.00	33.00	1155.00	23.00	805.00	700.00	M/s. Das Electricals
2400.00	2400.00	8000.00	8000.00	8000.00	8000.00	1104.00	1104.00	1104.00	ALFA DEAL PRIVATE LIMITED
3200.00	6400.00	10769.00	21538.00	10500.00	21000.00	1379.00	2758.00	2758.00	ALFA DEAL PRIVATE LIMITED
4800.00	4800.00	14988.00	14988.00	14400.00	14400.00	1670.00	1670.00	1670.00	ALFA DEAL PRIVATE LIMITED
145.00	5075.00	180.00	6300.00	180.00	6300.00	194.00	6790.00	5075.00	Youngmen Traders
270.00	540.00	575.00	1150.00	800.00	1600.00	528.00	1056.00	540.00	Youngmen Traders
460.00	1840.00	900.00	3600.00	1200.00	4800.00	851.00	3404.00	1840.00	Youngmen Traders

30.40	Triple pole and neutral	4.00	Each
31.00	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.		
31.10	63 A, 25 KA,TP MCCB	2.00	Each
31.20	100 A, 25 KA,TP MCCB	1.00	Each
32.00	Supplying and fixing of TPN MCB distribution board in weather proof cabinet with IP 65 protection on wall or recessed surface as per the site requirement. 8 Module	1.00	Each
33.00	Supply of 1 Phase, 1.0 TR split type of 5 star rating Inverter type Air-conditioners along with high wall type indoor unit suitable to operate from 230±10%, 50 Hz, 1 phase power supply (along with necessary wiring from nearest power source to the required outdoor and indoor units) having high EER Compressor with Indoor & Outdoor Copper coil refrigeration having aluminum fins firmly bonded to copper tubes assembled in zinc coated steel frame with Eco friendly R 32 or equivalent Refrigeration Gas alongwith copper conductor PVC insulated PVC sheathed multicore power cable from indoor to outdoor unit. The indoor unit should have real time clock, operating facility from cordless remote, along with time and temperature display. Outdoor unit to be installed as Directed by Engineer-in-Charge.	4.00	Each
34.00	Supply and fixing of extra copper refrigerant piping complete with suction / liquid line, insulation (i.e. cunifoam with neoprene / rubber lining), and all the accessories i/c Control Cable as per site requirement as directed by Engineer-in-Charge.		
34.10	Suitable for 1 TR Split Inverter AC along with its Control Cable	15.00	Meter
35.00	ITC of the following TR split type of Inverter Air-conditioners along with Outdoor/ Indoor unit suitable to operate on 1 Phase Power supply.		
35.10	1 TR Split Inverter AC	4.00	Each

570.00	2280.00	1200.00	4800.00	1500.00	6000.00	965.00	3860.00	2280.00	Youngmen Traders
4650.00	9300.00	6555.00	13110.00	3200.00	6400.00	4559.00	9118.00	6400.00	Kundu Enterprise
5300.00	5300.00	5555.00	5555.00	3800.00	3800.00	4559.00	4559.00	3800.00	Kundu Enterprise
1650.00	1650.00	2000.00	2000.00	300.00	300.00	1846.00	1846.00	300.00	Kundu Enterprise
33000.00	132000.00	46700.00	186800.00	52000.00	208000.00	53897.00	215588.00	132000.00	Youngmen Traders
450.00	6750.00	850.00	12750.00	725.00	10875.00	1445.00	21675.00	6750.00	Youngmen Traders
400.00	1600.00	1600.00	6400.00	380.00	1520.00	4025.00	16100.00	1520.00	Kundu Enterprise

36.00	Supply and laying of 25 mm dia PVC pipe to be used for drainage of condensate from indoor units to the nearest drain-port as directed by Engineer-in-Charge.	20.00	Meter
37.00	Providing, Laying, jointing, testing and commissioning of following C class heavy duty MS Pipe IS 1239 direct in ground with accessories like tees, elbow, flanged joints, reducers complete with painting, wrapping and coating of the pipes as per IS: 10211 in all kinds of soil including bitumen/Paver block at a appropriate depth as required including excavation, refilling and making good the trench, civil works etc. complete as required.		
37.10	80 mm	10.00	Meter
37.20	150 mm	30.00	Meter
38.00	Laying, testing and commissioning of Dismantled 150mm MS Pipe in item no.- 40 direct in ground with accessories like tees, elbow, flanged joints, reducers complete with painting, wrapping and coating of the pipes as per IS: 10211 wherever required in all kinds of soil including bitumen/Paver block at a appropriate depth as required including excavation, refilling and making good the trench, civil works etc. complete as required.	35.00	Meter
39.00	Providing and fixing MS channel/angle iron support including cutting, welding and painting of one coat primer and two or more coat synthetic enamel paint for support of 80/150 mm dia MS pipe as required.	15.00	Meter
40.00	Dismantling of the existing fire Hydrant on surface or in ground by removing the MS angle support, 150mm MS Pipe and keeping intact the pipe for reuse or as per the directions of the EIC.	35.00	Meter
41.00	Excavation for cable trenches/trench for pipe laying in soft soil, depth upto 1.2 m including dressing of sides lift upto 1.5 m, including getting out the excavated soil, refilling with sand and or good soil after laying of cable/ pipe etc in layers of 20 cm, ramming, watering and disposal of surplus excavated soil as directed, within a lead of 50 metres.	4.00	Cum
42.00	Cutting of paved surface (flexible/ rigid) for laying of Hume Pipes/ GI/ HDPE pipe upto 150 mm at a depth of atleast 450 mm width including making the surface good with cement concrete (1:2:4)complete as required.	3.00	Cum

32.00	640.00	150.00	3000.00	265.00	5300.00	54.00	1080.00	640.00	Youngmen Traders
1250.00	12500.00	700.00	7000.00	1200.00	12000.00	916.00	9160.00	7000.00	M/s. Das Electricals
1650.00	49500.00	2000.00	60000.00	2000.00	60000.00	1878.00	56340.00	49500.00	Youngmen Traders
175.00	6125.00	159.00	5565.00	300.00	10500.00	201.00	7035.00	5565.00	M/s. Das Electricals
590.00	8850.00	972.00	14580.00	500.00	7500.00	565.00	8475.00	7500.00	Kundu Enterprise
185.00	6475.00	150.00	5250.00	625.00	21875.00	288.00	10080.00	5250.00	M/s. Das Electricals
480.00	1920.00	579.00	2316.00	800.00	3200.00	633.00	2532.00	1920.00	Youngmen Traders
1250.00	3750.00	600.00	1800.00	1800.00	5400.00	518.00	1554.00	1554.00	ALFA DEAL PRIVATE LIMITED

43.00	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings as required excluding excavation and refilling. 50 mm	15.00	Meter
44.00	Supply of 225/230mm sweep Exhaust fan with metallic body suitable for operation at 230 ± 10 V, 50Hz AC supply with all its accessories. (Make: Havells Ventil Air - DB or equivalent as per the approved make list.)	5.00	Each

Total in Figures

Lowest Amount Quoted BY: Youngmen Traders(737437.00)

550.00	8250.00	500.00	7500.00	460.00	6900.00	476.00	7140.00	6900.00	Kundu Enterprise
1600.00	8000.00	1600.00	8000.00	2800.00	14000.00	2276.00	11380.00	8000.00	Youngmen Traders, M/s. Das Electricals

737437.00

863512.00

1045915.00

1001461.00