

QUOTATION

Sub:- Electrical maintenance work at Transportation eng., JEE/Gate-101, TA Lab. Workshop, L Hall- L16-17, NL-1 R-101, SL-216, TA-202- Aeroacoustics Lab., WL-113, Old SAC Block C G floor, BMs Room CC, WL-210, CC-Windows Lab. etc. Academic area as per enclosed pingala requested by User with all allied works as required in the campus at IIT Kanpur.

SL No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
a)	3 x 1.5 sq. mm	250.00	Metre	98.29	24572.56
b)	3 x 2.5 sq. mm	40.00	Metre	141.74	5669.79
c)	3 x 4 sq. mm	96.00	Metre	213.13	20460.92
d)	3 x 10 sq.mm.	1.00	Meter	491.45	491.45
2	Supply and fixing of 32 x 20 mm DLP mini-trunking white-system with independent cover etc. as required complete.	76.00	Meter	225.55	17141.81
3	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a)	End cap	6.00	Nos.	147.95	887.72
b)	internal / external angle	11.00	Nos.	140.71	1547.81
c)	changeable flat angle	12.00	Nos.	118.98	1427.79
d)	flat junction	2.00	Nos.	140.71	281.42
4	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partition etc. as required complete.	2.00	Meter	909.44	1818.89
5	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a)	85 mm flexible cover	2.00	Meter	400.40	800.81
b)	End cap	2.00	Nos.	185.20	370.40
6	Supply, installation, testing and commissioning of following LED lamp in existing fitting as required complete.				
a)	20 watt ESENTIAL PHILIPS or equivalent Tube in place of 36/40 W FL tube	10.00	Nos.	371.43	3714.34
7	Supply and fixing of following LED light fixture with efficiency >100 lumen/ watt, P.F. >0.95, THD<10%, Electronic driver, LED lamp, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.				
a)	1 X 20W Box type LED tube with fitting	1.00	Nos.	982.90	982.90
b)	2 X 20W Box type LED tube with fitting	2.00	Nos.	1387.44	2774.89
c)	12 watt surface mounting LED light fixture	4.00	Nos.	999.46	3997.83

SL No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
d)	18 watt recess 300 x 300 mm mounting LED light fixture	5.00	Nos.	1317.09	6585.44
e)	36 watt recess mounting LED light fixture 600 x 600 mm	17.00	Nos.	3030.44	51517.53
8	Supplying and fixing following 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.				
a)	Single pole 5 A to 32 A	8.00	No.	264.87	2118.93
b)	Double pole 5 A to 32 A	2.00	No.	678.72	1357.44
c)	Single Pole (40A-63A)	1.00	Nos.	539.04	539.04
d)	Double Pole (40A-63A)	3.00	Nos.	1103.95	3311.86
9	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a)	8 way , Double door	1.00	No.	2662.11	2662.11
10	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
a)	5/6 amps switch	1.00	No.	53.80	53.80
b)	15/16 A switch	1.00	No.	125.19	125.19
c)	6 pin 15/16 A socket outlet	1.00	No.	141.74	141.74
d)	Fan regulator socket type	1.00	Nos.	304.18	304.18
11	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 A switch	22.00	No.	106.57	2344.48
b)	15/16 A switch	6.00	No.	161.40	968.42
c)	3 pin 5/6 A socket outlet	22.00	No.	126.23	2776.96
d)	6 pin 15/16 A socket outlet	7.00	No.	203.82	1426.76
e)	Blanking Plate	4.00	No.	41.39	165.54
12	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a)	1 or 2 Module	8.00	No.	137.61	1100.85
b)	3 Module	8.00	No.	156.23	1249.84
c)	6 Module	10.00	No.	188.30	1883.03
13	Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.				
a)	1 or 2 Module	8.00	Nos.	326.94	2615.55

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b)	3 Module	8.00	Nos.	341.43	2731.43
c)	6 Module	10.00	Nos.	386.95	3869.53
14	Supplying, installation of Clip-on frame with finishing plate for 85mm cover for DLP plastic trunking 105mm x 50mm etc. as reqd.				
a)	3 module	6.00	Nos.	292.80	1756.81
b)	6 module	3.00	Nos.	381.78	1145.34
15	Supplying and fixing following modular switch/socket on the existing clip-on frame fixed on 85mm cover of 105 x 50 mm DLP plastic trunking including connections etc. as required complete.				
a)	6 A switch	3.00	No.	191.41	574.22
b)	20 A switch	4.00	No.	326.94	1307.78
c)	6 A pin 2/3 pin socket outlet	3.00	No.	216.24	648.72
d)	6/16 A 3 pin socket outlet	4.00	No.	413.85	1655.41
16	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	2.00	No.	1677.14	3354.28
17	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	1.00	Each	2824.55	2824.55
18	Alteration of internal wiring in existing fitting of any type for retrofitting of tube LED i/c dismantling & refixing as reqd.	1.00	Nos.	190.37	190.37

SL No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
19	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	3.00	Nos.	122.09	366.26
20	Supply, Installation testing and commissioning of following seep, copper wound, 900 RPM, 220 volt AC, 50 Hz exhaust fan in the existing opening etc as required complete.				
a)	300 mm / 12" sweep	2.00	Nos.	5149.37	10298.75
b)	375 mm / 15" sweep	2.00	Nos.	6236.77	12473.55
c)	450 mm / 18" sweep	1.00	Nos.	7968.75	7968.75
21	Supplying and fixing exhaust fan shutter for following sizes exhaust fan on rag bolts as reqd complete.				
a)	for 375 mm / 15" sweep	1.00	Nos.	1067.74	1067.74
b)	for 450 mm / 18" sweep	1.00	Nos.	1178.45	1178.45
22	Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.	1.00	Nos.	3013.89	3013.89
23	S&F, Copper tube / reducer/ lug terminals suitable for following size of conductor.				
a)	6/10/16 Sq.mm.	6.00	Nos.	36.21	217.27
24	Supplying & fixing 3mm (1/8") thick phenolic laminated sheet on existing board with screw & washer etc. as required.	50.00	Sq.cm.	0.93	46.56
25	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	1.00	No.	102.43	102.43
26	S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.	2.00	Nos.	1044.98	2089.96
Total Estimated Rs.					229072.09
Say Rs.					229072.00
Quoted percentage Above/ Below					
Quoted Amount Rs. (i/c GST)					

Bidder Sign. & Date

Bidder Seal


 TALLURI KESAVADAS
 అధికారి వారి చేసి (సెప్టెంబర్)
 Executive Engineer (Elect)
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