

## QUOTATION

Name of work :- Renovation/ modification of electrical installations ACES- 113, and Faculty building Room No.- 574 in academic area as per user required in the campus at IIT Kanpur.

Sl. No	Description	Qty	Unit	Rate	Amount
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.				
a)	Group C	3.00	Point	783.87	2351.60
2	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	10.00	Metre	83.30	832.97
b)	3 x 2.5 sq. mm	10.00	Metre	120.12	1201.23
c)	3 x 4 sq. mm	10.00	Metre	180.62	1806.23
3	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 out let and complete with connections, testing and commissioning etc. as required.	1.00	No.	1421.31	1421.31
4	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	10.00	Mtr	191.14	1911.44
5	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a)	End cap	2.00	Nos.	125.38	250.77
b)	internal / external angle	2.00	Nos.	119.25	238.49
c)	changeable flat angle	1.00	Nos.	100.83	100.83
d)	flat junction	1.00	Nos.	119.25	119.25
6	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partition etc. as required complete.	3.00	Mtr	770.71	2312.14
7	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	Mtr	339.32	678.65
b)	End cap	2.00	Nos.	156.95	313.90
c)	Internal angles- adjustable from 80°-100°	1.00	Nos.	427.01	427.01
d)	external angles- adjustable from 60°-120°	1.00	Nos.	452.43	452.43
e)	flat junction	1.00	Nos.	753.18	753.18
f)	flat angles	1.00	Nos.	608.51	608.51
g)	separation partitions	1.00	Mtr	201.67	201.67
h)	Joints for 85mm width cover	2.00	Nos.	176.24	352.48
i)	base joints	2.00	Nos.	75.41	150.81
8	S & F following size of steel flexible pipe along with the accessories on surface etc as required				



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a)	25 mm	1.00	Mtr	71.90	71.90
b)	32 mm	1.00	Mtr	84.17	84.17
9	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)	36 watt surface mounting LED light fixture 600 x600 mm	6.00	Nos.	4986.41	29918.46
b)	36 watt surface mounting LED light fixture 300 x 1200 mm	2.00	Nos.	4571.68	9143.36
10	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	3.00	No.	90.31	270.93
b)	15/16 A switch	1.00	No.	136.78	136.78
c)	3 pin 5/6 A socket outlet	1.00	No.	106.97	106.97
d)	6 pin 15/16 A socket outlet	1.00	No.	172.73	172.73
e)	Blanking Plate	1.00	No.	35.07	35.07
f)	two module stepped type electronic fan regulator	1.00	No.	323.54	323.54
11	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	Nos	2393.69	2393.69
12	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.				
a)	20 mm	1.00	Metre	195.53	195.53
b)	25 mm	4.00	Metre	224.46	897.85
13	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
a)	3 Module (100mmX75mm)	1.00	No.	286.72	286.72
b)	6 Module (200mmX75mm)	1.00	No.	352.48	352.48
c)	8 Module (125mmX125mm)	1.00	No.	398.07	398.07
14	Supplying, installation, testing & commissioning of smoke detector with builtin LED and mounting base complete with all connections etc. as required.	1.00	No.	1010.96	1010.96



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Sl. No	Description	Qty	Unit	Rate	Amount
15	Supplying & laying of 2x1.5 sqmm fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & ERLS outer sheath complete as required.	3.00	Metre	151.69	455.06
16	Supply & Laying of 32 mm dia, 8Kg / cm <sup>2</sup> , minimum 2.0 mm thick HDPE pipe, ISI mark in following manners as required complete.				
a)	in open duct	3.00	Meter	65.76	197.28
17	Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. ( box and cover plate will be supplied by dept.)	5.00	Nos.	86.80	434.02
18	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	20.00	Mtr	20.17	403.33
19	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	6.00	Nos.	74.53	447.17
20	Dismantling and refixing of any size DLP/ casing capping/ conduit etc. as reqd.	10.00	Meter	49.98	499.78
21	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	2.00	No.	162.21	324.42
b)	20 A switch	1.00	No.	277.07	277.07
c)	6 A pin 2/3 pin socket outlet	2.00	No.	183.25	366.51
d)	6/16 A 3 pin socket outlet	1.00	No.	350.72	350.72
22	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	1.00	Nos.	194.65	194.65
b)	6 module	1.00	Nos.	249.89	249.89
	<b>Estimated Amount Rs.</b>				<b>66484.00</b>
	Quoted percentage Above or Below				
	Quoted Amount Rs.				

Bidder Signature *with date*

Bidder Seal

*T. L. K. Kesavadas*  
 17/06/21  
**T. L. K. KESAVADAS**  
 Assistant Engineer (Elect)  
 Executive Engineer (Elect)  
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*Devi*