

UNIVERSITY OF KERALA

ENGINEERING UNIT, KARIAVATTOM

Tender schedule for the Balance electrification works for the Extension of the existing Centre for Geo Information Science & Technology (CGIST) building, for housing the Inter University Centre for Natural Resources management IIUCNRM at Kariavattom campus

Sl. No	Qty	Specification	Unit	Rate	Rate in words	Amount
1	30 nos	Supply Conveyance, installation, testing and commissioning of <i>recess mounting Horizontal round shaped adjustable lamp holder down light fittings with center frosted lens and 15 W Normal Retrofit CFL</i> directly in the existing opening on the false - ceiling including giving connections with required length of 16/0.20 mm 3 core round copper conductor flex wire conforming to relevant ISS or with the extended original wiring etc as required	E	788.00		23,640.00
2		<i>Supply</i> , conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories <i>excluding resistance type regulator</i> , wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required.				
2.1	12 nos	1200 mm sweep - 5 star rated	E	1853.00	Rs.One thousand eight hundred & fifty three only	22,236.00

3			<i>Supply, conveyance, installation, testing and commissioning</i> of the following sizes of <i>exhaust fans</i> in the existing opening, fixing necessary bolt and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS.				
3.1	1	nos	380 mm, single phase, heavy duty, 1400 rpm exhaust fan in metal frame	E	3164.00	Rs.Three thousand one undred & sixty four onl	3,164.00
3.2	2	nos	200 mm, single phase, light duty exhaust fan in plastic body with self opening louvers	E	1538.00	Rs.One thousand five t hundred & thirty eight only	3,076.00
3.3	1	nos	<i>Charges for cutting holes</i> suitable for accommodating <i>exhaust fans</i> of sizes <i>up to 305 mm sweep</i> including plastering, colour washing etc. as required.	E	294.00	Rs.Two hundred & ninety four only	294.00
4			Supply and fixing the following types of superior quality 250V A.C <i>call bell</i> on existing M.S. box and giving connections with required length of 3 core, 16 / 0.20mm 650/1100V grade PVC insulated and PVC sheathed round copper conductor flex wire conforming to relevant ISS or with the extended original wiring, earthing the MS box and making good the surface as required.				
4.1	1	nos	Ding Dong bell	E	181.00	Rs.Rs. One hundred & eighty one only	181.00
5			Supply and fixing the following sizes of <i>PVC Conduit</i> conforming to IS 9537 / 1983 part III along with all required accessories <i>on surface</i> including making good the damages etc as required.				
5.1	160	m	20 mm dia light gauge	m	83.00	Rs. Eighty three only	13,280.00
5.2	20	m	25 mm dia light gauge	m	95.00	Rs.Ninety five ony	1,900.00

6			Supply and fixing the following sizes of <i>PVC Conduit</i> conforming to IS 9537 / 1983 part III along with all required accessories <i>in recess</i> including cutting the wall and making good the damages etc as required.				
6.1	20	m	20 mm dia light gauge	m	120.00	Rs.One hundred & twenty only	2,400.00
6.2	5	m	25 mm dia light gauge	m	133.00	Rs. One hundred & thirty three only	665.00
7			Supply and drawing 650/1100 V grade <i>PVC insulated stranded single core copper conductor cables</i> conforming to IS 694 part I 1990 in the existing surface / recess conduit as required including giving necessary connections of the following sizes.				
7.1	165	m	1.50 sq mm 1 run	m	45.00	Rs.Forty five only	7,425.00
7.2	20	m	1.50 sq mm 2 run	m	61.00	Rs. Sixty one only	1,220.00
7.3	15	m	2.50 sq mm 1 run	m	55.00	Rs.Fifty five only	825.00
7.4	165	m	2.50 sq mm 2 run	m	81.00	Rs. Eighty one only	13,365.00
7.5	15	m	4.00 sq mm 2 run	m	106.00	Rs.One hundred & six only	1,590.00
7.6	15	m	4.00 sq mm 1 run	m	68.00	Rs. Sixty eighty only	1,020.00
7.7	15	m	6.00 sqmm 4run	m	260.00	Rs.Two hundred & sixty only	3,900.00
8			Supply & Fixing the following types/ sizes of boxes suitable for modular accessories in surface/ recess including making good the damages, colour washing etc as required (<i>Group B/ RoHS compliant</i>)				
8.1	10	nos	8 module moulded plastic box on surface	E	233.00	Rs.Two hundred & thirty three only	2,330.00
8.2	2	nos	2 module metal box in recess	E	165.00	Rs.One hundred & sixty five only	330.00
8.3	12	nos	8 module metal box in recess	E	232.00	Rs.Two hundred & thirty two onlly	2,784.00

8.4	1	no	3 module metal box in recess	E	180.00	Rs.One hundred & eighty only	180.00
9			Supply & Fixing the following types/ sizes of front plates on the existing modular boxes. <i>(Group B/ RoHS compliant)</i>				
9.1	2	nos	2 module white/ off-white	E	101.00	Rs. One hundred & one only	202.00
9.2	22	nos	8 module white/ off-white	E	187.00	Rs.One hundred & eighty seven only	4,114.00
9.3	1	no	3 module white/ off-white	E	116.00	Rs.One hundred & sixteen only	116.00
10			Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required <i>(Group B RoHS compliant)</i>				
10.1	22	nos	6 A SP 1 way switch	E	119.00	Rs.One hundred & nineteen only	2,618.00
10.2	22	nos	16 A SP 1 way switch	E	161.00	Rs. One hundred & sixty one only	3,542.00
10.3	23	nos	6/16 A socket	E	223.00	Rs. Two hundred & twenty three only	5,129.00
10.4	44	nos	6A 3 pin shuttered socket	E	157.00	Rs.One hundred & fifty seven only	6,908.00
11			Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall, making good the damages, colour washing etc. as required				
11.1	1	no	6 way (8+18) - three phase double cover (IP 42/43)	E	4039.00	Rs.Four thousand & thirty nine only	4,039.00
11.2	1	no	4 way (8+12) - double cover TPN vertical DB with provision for fixing 4P MCB / Isolator/ RCCB/ RCBO as incomer and SP/ TP MCB as outgoing (IP 42/43)	E	7739.00	Rs.Seven thousand seven hundred & thirty nine only	7,739.00

12			Supply and installation of the following <i>accessories</i> suitable for 50 Hz , AC supply conforming to IS 8828-1995/ IEC 60898 of the following current ratings in the existing enclosure and giving connections as required				
12.1	1	nos	63 A four pole mini break isolator	E	752.00	Rs.Seven hundred & fifty two only	752.00
12.2	1	nos	40 A double pole mini break isolator	E	356.00	Rs.Three hundred & fifty six only	356.00
12.3	1	no	40 A, 4 pole, 30 mA RCCB	E	2780.00	Rs.Two thousand seven hundred & eighty only	2,780.00
12.4	12	nos	6-32A(C curve)	E	219.00	Rs.Two hundred & nineteen only	2,628.00
12.5	2	nos	40 A, 10 kA, TP MCB (C curve)	E	1369.00	Rs.One thousand three hundred & sixty nine only	2,738.00
			TOTAL				149,466.00

PAC Rs.1,49,466/- (Rs.One lakh forty nine thousand four hundred & sixty six only)

I/We agreed to execute the work.

1.% below the estimate rate.

2. % above the estimate rate.

3. At the estimate rate.

CONTRACTOR

Sd/-

UNIVERSITY ENGINEER