

## UNIVERSITY OF KERALA

## ENGINEERING UNIT

## Tender Schedule for Electrical Works for Setting up of Board Room and Directors Room in the First Floor of the KR Narayanan Memorial Students Aminety Centre at SH Campus.

Sl. No	Item Description	Qty	Unit	Rate / Unit	Rate in Words	Amount
1	90.3.12 Conveyance and fixing charges of recess mounting down light fittings of all types complete with all accessories in the existing opening of false ceiling, giving connections with the existing wire etc., as required.	18	E	70.94	Rupees Seventy and Nine Four Paise Only	1276.92
2	od357030/2020_2021 Supply and testing the following ratings of recess mounting round LED down light fittings of all types complete with all accessories including driver in the existing opening of false ceiling, giving connections with required length of 16/0.20 mm 3-core PVC insulated and PVC sheathed copper conductor round flexible wire of grade 1.1 kV conforming to relevant ISS or extending the original wiring and giving connections as required. 18W recess mounting round LED down light suitable for continuous operation with THD <10%, power factor >0.98 and RoHS compliant. (Make- Crompton-LSCRM-18WC DL, Havells, Philips or Wipro)	18	E	1263.00	Rupees One Thousand Two Hundred and Sixty Three Only	22734.00

3	90.6.5.9 Supply and drawing the following sizes of multi-core PVC insulated & FRLS PVC sheathed 650/1100 V grade copper conductor round flexible cables conforming to IS 694 part I 1960 in the existing surface / recess conduit as required including giving necessary connections of the following sizes.3 core 0.75 sq mm	20	m	57.79	Rupees Fifty Seven and Seven Nine Paise Only	1155.80
4	od357041/2020_2021 Supplying and fixing 4-pole sheet steel enclosure conforming to IEC: 61439-3 on surface / in recess and suitable for mounting MCB / Isolator complete with connections, testing, commissioning etc. as required.	2	E	405.65	Rupees Four Hundred and Five and Six Five Paise Only	811.30
5	2.13.2 Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps	2	E	935.17	Rupees Nine Hundred and Thirty Five and One Seven Paise Only	1870.34
6	2.13.3 Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.100 amps	1	E	1184.82	Rupees One Thousand One Hundred and eighty Four and Eight Two Paise Only	1184.82
7	od357038/2020_2021 Supplying and fixing 40 A, 10 kA, TP MCB (C-curve) suitable for 415 V, 50 Hz AC supply conforming to IS: 8828 / IEC: 60898 in the existing VDB complete with connections, testing, commissioning etc. as required.	2	E	1564.03	Rupees One Thousand Five Hundred and Sixty Four and Zero Three Paise Only	3128.06

8	90.12.7.41 Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium powercable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as required.4 core 16 sq mm with factory made clamp	75	m	262.48	Rupees Two Hundred and sixty Two and Four Eight Paise Only	19686.00
9	9.1.33 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.4 X 16 sq. mm (28mm)	4	set	351.72	Rupees Three Hundred and Fifty One and Seven Two Paise Only	1406.88
10	90.16.1.3 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required.3.15 mm copper conductor ( 10 SWG)	300	m	57.41	Rupees Fifty Seven and Four One Paise Only	17223.00
11	90.16.5.3 Supply of superior quality copper earth socket for the following size of earth conductor including crimping etc. as required.3.15 mm (10 SWG)	4	E	20.41	Rupees Twenty and Four One Paise Only	81.64
12	2.24.1 Supplying and fixing Cable End Box (Loose Wire Box) (IP 43) suitable for following triple pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with testing and commissioning etc. as required.For 4 way, Double door TPN MCBDB	1	E	806.89	Rupees Eight Hundred and Six and eight Nine Paise Only	806.89

13	90.9.1.1 Supply and fixing 50 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.50x50mm Cable Management System with base and lid	30	m	691.21	Rupees Six Hundred and Ninety One and Two One Paise Only	20736.30
14	90.9.1.7 Supply and fixing 50 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.End cap	4	E	90.07	Rupees Ninety and Zero Seven Paise Only	360.28
15	90.9.1.9 Supply and fixing 50 x 50 mm PVC Cable Management System with base and lid along with the following accessories conforming to IEC 61084/ BS 476 & 4678 on surface / recess including cutting the wall and making good the damages in case of recessed installation as required.Joint cove	4	E	80.07	Rupees Eighty and Zero Seven Paise Only	320.28
16	90.6.10.1 Supply and fixing of following sizes of light gauge PVC conduit along with accessories in surface/ recessincluding cutting the wall and making good the same in case of recessed conduit as required20 mm	50	m	72.03	Rupees Seventy Two and Zero Three Paise Only	3601.50
17	1.17.21 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.3 x 4 sq. mm	60	m	153.10	Rupees One Hundred and Fifty Three and One Zero Paise Only	9186.00

18	90.10.1.2 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 (RoHS compliant )2 module moulded plastic box on surface	4	E	209.48	Rupees Two Hundred and Nine and Four Eight Paise Only	837.92
19	1.28.1 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.1 or 2 Module	4	E	114.48	Rupees One Hundred and Fourteen and Four Eight Paise Only	457.92
20	90.10.3.15 Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant )32A DP switch with indicator	2	E	555.07	Rupees Five Hundred and Fifty Five and Zero Seven Paise Only	1110.14
21	90.10.3.33 Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant )25A 3pin Shuttered socket	2	E	309.79	Rupees Three Hundred and Nine and Seven Nine Paise Only	619.58
<b>TOTAL</b>						<b>108595.57</b>
<b>Rounded to</b>						<b>108596.00</b>
<b>PAC Rs1,08,596.00 (Rupees One Lakh Eight Thousand Five Hundred and Ninety Six Only)</b>						

I/We agreed to execute the work

1 at ..... Below estimate rate

2 at estimate rate

3. at ..... Above estimate rate

**CONTRACTOR**

sd/-  
**UNIVERSITY ENGINEER**