

Schedule

UNIVERSITY OF KERALA						
SUBDIVISION I,KARIAVATTOM						
TENDER SHEDULE FOR THE SETTING UP OF RESEARCH DIRECTORATE IN THE STUDENTS AMENITY CENTER AT SH CAMPUS PALAYAM -ELECTRICAL WORKS .						
Sl. No	Item Description	Qty	Unit	Rate / Unit	Rate in Words	Amount
1	od174747/2021_2022 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 ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 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	10	Point	1164.57	One Thousand One Hundred and Sixty Four Rupees Fifty Seven Paisa only	11645.70
2	od174748/2021_2022 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 ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 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 B	9	Point	920.42	Nine Hundred and Twenty Rupees Fourty Two Paisa only	8283.78

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3	od174749/2021_2022 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 ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 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 A	14	Point	846.12	Eight Hundred and Fourty Six Rupees Twelve Paise only	11845.68
4	od174750/2021_2022 Supply of the light fittings made of CRCA sheet with 0.50 mm thickness complete with all accessories suitable for single T8 20/22 W LED tube (Make- Philips TMC 501 P 1XT-LED 22W P3241 or as per the Approved brands/ instruction by Engineer-in-charge)	25	each	418.00	Four Hundred and Eighteen Rupees Only	10450.00
5	od174751/2021_2022 Supply of 20 W linear LED T8 tube (RoHS compliant) with extruded aluminium body, PC diffuser and inbuilt driver with double sided connection suitable for continuous operation on 230 V, 50 Hz AC supply and having THD <10%, power factor >0.98 etc as required. (Make- Crompton-LTT8-20, Philips or Havells)	20	each	432.00	Four Hundred and Thirty Two Rupees only	8640.00
6	od174752/2021_2022 Supply of following size ceiling fan complete with all accessories including 300 mm long down rod, canopies, shackles, blades etc as required but excluding fan regulator and suitable for working on single phase 230 V, 50 Hz AC supply. (Make: Crompton-Hi Speed / plus, Havells-Aeroking, Orient or Bajaj) 1200 mm sweep ceiling fan	10	No	1900.00	One Thousand Nine Hundred Rupees only	19000.00

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7	90.4.1 Supply and installation of suitable size MS rod type fan clamp in the RCC slab as per IS 732 as required	10	each	175.29	One Hundred and Seventy Five Rupees Twenty Nine Paise only	1752.90
8	1.41 Installation, testing and commissioning of pre - wired, fluorescent fitting/ compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	25	each	199.32	One Hundred and Ninety Nine Rupees Thirty Two Paise only	4983.00
9	1.44 Installation, testing and commissioning of ceiling fan, including wiring the 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	No	203.39	Two Hundred and Three Rupees Thirty Nine Paise only	2033.90
10	1.25 Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	10	each	406.77	Four Hundred and Six Rupees Seventy Seven Paise only	4067.70
11	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	10	meter	778.89	Seven Hundred and Seventy Eighty Rupees Eighty Nine Rupees	7788.90

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12	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	2	each	100.19	One Hundred Rupees Ninteen Paisa only	200.38
13	1.21.1 Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.20 Mm	60	meter	98.98	Ninety Eighty Rupees Ninety Eighty Paisa only	5938.80
14	1.21.2 Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.25 Mm	30	meter	107.12	One Hundred and Seven Rupees Twelve Paisa only	3213.60
15	1.21.3 Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.32 Mm	20	meter	109.83	One Hundred and nine Rupees Eighty Three Paisa only	2196.60
16	90.9.2.1 Supply and fixing 100 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.100 x 50 mm CMS with base and lid	48	meter	1087.89	One Thousand Eighty Seven Rupees Eighty Nine Paisa only	52218.72

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17	90.9.2.2 Supply and fixing 100 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.Cable devider	48	meter	131.19	One Hundred and Thirty one Rupees Nineteen Paise only	6297.12
18	90.9.2.10 Supply and fixing 100 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 cover	25	each	112.19	One Hundred and Twelve Rupees Ninteen Paise only	2804.75
19	90.10.1.3 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)3 module moulded plastic box on surface	26	each	251.18	Two Hundred and Fifty One Rupees Eighteen Paise only	6530.68
20	90.10.1.5 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)6 module moulded plastic box on surface	29	each	283.96	Two Hundrtd and Eighty Three Rupees Ninety Six Paise only	8234.84
21	90.10.1.6 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)8 module moulded plastic box on surface	11	each	334.96	Three Hundred and Thirty Four Rupees Ninty Six paise only	3684.56

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22	90.10.3.17 Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant)6A universal socket	91	each	195.27	One Hundred and Ninty Five Rupees Twenty seven Paisa only	17769.57
23	90.10.3.23 Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant)16A 3 pin plug top	7	each	122.85	One Hundred and Twenty Two Rupees Eighty Five Pais a only	859.95
24	1.24.1 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.5/6 amps switch	80	each	101.69	One Hundred and One Rupees Sixty Nine Paisa only	8135.20
25	1.24.3 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 amp switch	26	each	155.93	One Hundred and Fifty Five Rupees Ninty Three Paisa only	4054.18
26	1.24.5 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 amp socket outlet	26	each	207.45	Two Hundred and Seven Rupees Fourty Paisa only	5393.70
27	1.26 Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	10	each	37.97	Thirty Seven Rupees Ninty Seven paisa only	379.70

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28	1.28.2 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.3 Module	26	each	151.86	One hundred and Fifty One Rupees Eighty Six Paise only	3948.36
29	1.28.4 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.6 Module	29	each	197.96	One Hundred and Ninty Seven Rupees Ninty Six Paise only	5740.84
30	1.28.5 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.8 Module	11	each	233.21	Two Hundred and Thirty Three Rupees Twenty One Paise only	2565.31
31	1.17.1 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.1 x 1.5 sq. Mm	30	meter	33.90	Thirty Three Rupees Ninty Paise only	1017.00
32	1.17.2 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.2 x 1.5 sq. Mm	30	meter	48.81	Fourty Eight Rupees Eighty One Paise only	1464.30
33	1.17.3 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 1.5 sq.mm	65	meter	63.73	Sixty Three Rupees Seventy Three Paise only	4142.45
34	1.17.4 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.4 x 1.5 sq. Mm	30	meter	78.64	Seventy Eighty Rupees Sixty Four Paise only	2359.20

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35	1.17.5 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.5 X 1.5 Sq. Mm	20	meter	104.40	One Hundred and Four Rupees Fourty Paise only	2088.00
36	1.17.6 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.6 x 1.5 sq. mm	25	meter	119.32	One Hundred and Ninteen Rupees Thirty Two Paise only	2983.00
37	1.17.11 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.2 x 2.5 sq. Mm	30	meter	66.44	Sixty Six Rupees Fourty Four Paise only	1993.20
38	1.17.13 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.4 x 2.5 sq. Mm	30	meter	112.54	One Hundred and Twelve Rupees Fifty Four Paise only	3376.20
39	1.17.15 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.6 x 2.5 sq. Mm	30	meter	169.49	One Hundred and Sixty Nine Rupees Fourty Nine Paise only	5084.70
40	1.17.17 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.8 x 2.5 sq. Mm	15	meter	225.08	Two Hundred and Twenty Five Rupees Eight Paise only	3376.20

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41	1.17.19 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.10 x 2.5 sq. Mm	25	meter	291.52	Two Hundred and Ninty One Rupees Fifty Two Paisa only	7288.00
42	1.17.29 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.2 x 6 sq. Mm	35	meter	145.08	One Hundred and Fourty Five Rupees Eight Paisa only	5077.80
43	90.12.7.41 Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 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	14	meter	276.81	Two Hundred and Seventy Six Rupees Eighty One Paisa Only	3875.34
44	90.6.5.12Supply 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 2.50 sq mm	40	meter	109.69	One Hundred and Nine Rupees Sixty Nine Paisa only	4387.60
45	od177383/2021_2022 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required. 1 x 4 sq. Mm	35	meter	62.37	Sixty Two Rupees Thirty Seven Paisa only	2182.95

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46	2.3.3 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)2 way, Double door	2	each	2440.62	Two Thousand Four Hundred and Fourty Rupees Sixty Two Paisa only	4881.24
47	2.4.5 Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, 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)6 way (4+18), Double door	1	each	4390.40	Four Thousand Three Hundred and Ninty rupees Fourty Paisa only	4390.40
48	2.10.1 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "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.Single pole	28	each	237.28	Two hundred and Thirty Seven Rupees Twenty Eight Paisa only	6643.84
49	2.10.4 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "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.Triple pole	1	each	981.67	Nine Hundred and Eighty One Rupees Sixty Seven Paisa only	981.67
50	2.11 Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	12	each	9.49	Nine Rupees Fourty nine Paisa only	113.88

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51	2.12.1 Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps	4	each	402.70	Four Hundred and Two Rupees Seventy Paisa only	1610.80
52	2.13.1 Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps	1	each	989.81	Nine Hundred and Eighty nine Rupees Eighty One Paisa only	989.81
53	2.14.2 Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps	2	each	2490.79	Two Thousand Four Hundred and Ninety Rupees Seventy Nine Paisa only	4981.58
54	2.15.2 Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps	1	each	3121.28	Three Thousand and One Hundred and Twenty One Rupees Twenty Eight Paisa only	3121.28
55	od174753/2021_2022 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	each	465.18	Four Hundred and Sixty Five rupees Eighteen Paisa only	930.36

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56	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)	2	set	296.94	Two Hundred and Ninty Six Rupees Ninty Four Paisa only	593.88
57	90.16.1.2 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required.2.65 mm copper conductor (12 SWG)	26	meter	44.91	Fourty Four Rupees Ninety One Paisa only	1167.66
58	90.16.5.2 Supply of superior quality copper earth socket for the following size of earth conductor including crimping etc. as required.2.65 mm (12 SWG)	6	each	24.98	Twenty Four Rupees Ninty Eight Paisa only	149.88
Total						311910.64
GRAND TOTAL after round off:						311911.00

Rs.3,11,911/-(Rupees Three lakh Eleven Thousand Nine hundred and Eleven only)

I / We agree to undertake the above mentioned work:-

- 1) At the estimate rate.
- 2) At% below the estimate rate.
- 3) At% above the estimate rate.

Rate should be quoted both in figures and words

CONTRACTOR

ASSISTANT EXECUTIVE ENGINEER

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