

**SCHEDULE**

**UNIVERSITY OF KERALA**

**SUBDIVISION I KARIAVATTOM**

**TENDER SCHEDULE FOR THE SHIFTING AND REARRANGEMENT OF SECTION IN SENATE HALL BUILDING -ELECTRIFICATION WORKS**

<b>Sl. No</b>	<b>Item Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate / Unit</b>	<b>Rate in Words</b>	<b>Amount</b>
<b>1</b>	od77951/2021_2022 Supply and wiring points according to IS: 732-1989 using ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 and with suitable size specials conforming to IS: 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cms or concealed suitably and with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable of 650 / 1100 V grade, including providing switch board main and continuous earthing with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable 650 / 1100 V grade, required quantity of copper earth socket, brass bolt and nut, crimping / soldering etc complete with suitable size modular type metal switch boxes, modular type front plates (white) etc up to and including 6A modular type SP switches and making good the surface of wall, colour washing etc complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS compliant modular accessories) Single control light point with 6A, 3-plate ceiling rose - Short point.	5	Point	1049.25	One Thousand and Forty Nine Rupees TwentyFive Paisa only	5246.25

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2	<p>od77953/2021_2022  Supply and wiring points according to IS: 732-1989 using ISI marked rigid PVC conduit of minimum size 20 mm conforming to IS: 9537 Part-3 1983 and with suitable size specials conforming to IS: 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cms or concealed suitably and with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable of 650 / 1100 V grade, including providing switch board main and continuous earthing with ISI marked 1.50 sq. mm PVC insulated stranded single core FRLS copper conductor cable 650 / 1100 V grade, required quantity of copper earth socket, brass bolt and nut, crimping / soldering etc complete with suitable size modular type metal switch boxes, modular type front plates (white) etc up to and including 6A modular type SP switches and making good the surface of wall, colour washing etc complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS compliant modular accessories) Single control ceiling fan point with 6A, 3-plate ceiling rose &amp; with socket size stepped electronic regulator - Short point.</p>	3	Point	1544.54	One Thousand Five Hundred and Forty Four Rupees Fifty Four Paise only	4633.62
3	<p>od77954/2021_2022  Supply of industrial box type luminaire made of CRCA sheet with 0.50 mm thickness suitable for single T8 LED tube as required. (Make: Crompton-IGP161LT8-16 , Philips, Havells or Wipro)</p>	15	E	405.00	Four Hundred and Five Rupees Only	6075.00
4	<p>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.</p>	60	E	199.32	One Hundred and Ninty Nine Rupees Thirty Two Paise only	11959.20
5	<p>90.4.1  Supply and installation of suitable size MS rod type fan clamp in the RCC slab as per IS 732 as required.</p>	5	E	175.29	One Hundred and Seventy Five Rupees Twenty Nine Paise only	876.45

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<b>6</b>	90.4.3 Conveyance installation testing and commissioning ceiling fan of all sizes using standard accessories excluding resistance type regulator wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or extending the original wiring etc. as required.	40	E	232.23	Two Hundred and Thirty Two Rupees Twenty Three paise Only	9289.20
<b>7</b>	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	10	E	251.18	Two Hundred and Fifty One Rupees Eighteen Paise only	2511.80
<b>8</b>	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	30	E	334.96	Three Hundred and Thirty Four Rupees Ninty Six paise only	10048.80
<b>9</b>	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	30	E	195.27	One Hundred and Ninty Five Rupees Twenty Seven Paise Only	5858.10
<b>10</b>	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	15	E	122.85	One Hundred and Twety Two Rupees Eighty Five Paise only	1842.75

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<b>11</b>	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	120	E	101.69	One Hundred and One Rupees Sixty Nine Paise only	12202.80
<b>12</b>	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	20	E	155.93	One Hundred and Fifty Five Rupees Ninty Three Paise only	3118.60
<b>13</b>	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	20	E	207.45	Two Hundred and Seven Rupees Forty Five Paise only	4149.00
<b>14</b>	1.28.2 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.3 Module	30	E	151.86	One Hundred and Fifty One Rupees Eighty Six Paise only	4555.80
<b>15</b>	1.28.5 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.8 Module	30	E	233.21	Two Hundred and Thirty Three Rupees Twenty One Paise only	6996.30
<b>16</b>	90.6.5.12 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 2.50 sq Mm	50	M	109.69	One Hundred and Nine Rupees Sixty Nine Paise only	5484.50
<b>17</b>	90.6.10.1 Supply and fixing of following sizes of light gauge PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required20 mm	100	M	97.71	Ninty Seven Rupees Seventy One Paise only	9771.00
<b>18</b>	90.6.10.2 Supply and fixing of following sizes of light gauge PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required25 mm	75	M	108.07	One Hundred and Eight Rupees Seven Paise only	8105.25

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<b>19</b>	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 MCBIRCCB/Isolator12 way, Double door	2	E	2440.62	Two Thousand Four Hundred and Forty Rupees Sixty Two Paisa only	4881.24
<b>20</b>	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	30	E	237.28	Two Hundred and Thirty Seven Rupees Twenty Eight Paisa only	7118.40
<b>21</b>	2.11 Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	10	E	9.49	Nine Rupees Forty Nine Paisa only	94.90
<b>22</b>	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	7	E	402.70	Four Hundred and Two Rupees Seventy Paisa only	2818.90
<b>23</b>	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	7	E	2490.79	Two Thousand Four Hundred and Ninty Rupees Seventy Nine Paisa only	17435.53
<b>24</b>	2.3.4 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 MCBIRCCB/Isolator16 way, Double door	1	E	2916.54	Two Thousand Nine Hundred and Sixteen Rupees Fifty Four Paisa only	2916.54
<b>25</b>	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	100	M	33.90	Thirty Three Rupees Ninety Paisa only	3390.00

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<b>26</b>	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	50	M	48.81	Forty Eight Rupees Eighty One Paisa only	2440.50
<b>27</b>	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	150	M	63.73	Sixty Three Rupees Seventy Three Paisa only	9559.50
<b>28</b>	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	100	M	66.44	Sixty Six Rupees Forty Four Paisa only	6644.00
<b>29</b>	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	50	M	112.54	One Hundred and Twelve Rupees Fifty Four Paisa only	5627.00
<b>30</b>	1.17.20 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 4 sq. Mm	35	M	101.69	One Hundred and One Rupees Sixty Nine Paisa only	3559.15
<b>31</b>	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	50	M	145.08	One Hundred and Forty Five Rupees Eight Paisa only	7254.00
<b>32</b>	1.17.31 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 6 sq. Mm	20	M	261.69	Two Hundred and Sixty One Rupees Sixty Nine Paisa only	5233.80
<b>33</b>	1.33 Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden blockincluding connection etc as required.	10	E	77.29	Seventy Seven Rupees Twenty Nine Paisa only	772.90

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<b>34</b>	od141580/2021_2022 Supply of 20 W linear LED T8 tube with extruded aluminium body, PC diffuser and inbuilt driver having double sided connection suitable for continuous operation with THD <10%, power factor >0.98 and RoHS compliant as required. (Make- Crompton-LTT8-20, Philips, Havells or Wipro)	53	E	496.00	Four Hundred and Ninty Six Rupees only	26288.00
<b>35</b>	od141585/2021_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.	30	No	1900.00	One Thousand and Nine Hundred Rupees only	57000.00
<b>36</b>	od169269/2021_2022 Dismantling of ceiling fan, including wiring the down rods of standard length (upto 30cm) with 1.5 sq.mm FRLS PVC insulated, copper conductor, single core cable etc as required.	25	No	127.45	One Hundred and Twenty Seven Rupees and Forty five Paise only	3186.25
<b>TOTAL:</b>						<b>278945.03</b>
<b>GRAND TOTAL</b>						<b>278945.00</b>

***Rs.2,78,945/- (Two lakh seventy eight thousand nine hundred and forty five only.)***

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

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

Rate should be quoted both in figures and words

**CONTRACTOR**

**ASSISTANT EXECUTIVE ENGINEER I**