**INFORMATION INSTITUTE OF TECHNOLOGY KANPUR**

**Tender Notice No. 101/IWD/ED/394**

**SCHEDULE OF QUANTITY**

Name of the Contractor: Repairing and replacement of defective electrical items in KD-111, ACMS 203 H, ACES Door Darshan, NL-II 101, SL - 208 D and different labs and office in academic area on complaint basis.

<table>
<thead>
<tr>
<th>S. No</th>
<th>Description of Items</th>
<th>Qty</th>
<th>Unit</th>
<th>Rate in Figures in Rupees</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A &quot;C&quot; curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.</td>
<td>2.00</td>
<td>No.</td>
<td>2.00</td>
<td>4.00</td>
</tr>
<tr>
<td>2</td>
<td>Alteration of internal wiring in existing fitting of any type for retrofitting of tube LED i/c dismentelling &amp; refixing as reqd.</td>
<td>40.0</td>
<td>Nos.</td>
<td>40.0</td>
<td>1600</td>
</tr>
<tr>
<td>3</td>
<td>Supplying and fixing following Modular base &amp; cover plate on existing modular metal boxes etc. as required.</td>
<td>11.0</td>
<td>No.</td>
<td>11.0</td>
<td>121.0</td>
</tr>
<tr>
<td></td>
<td>a 3 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b 4 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c 6 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d 12 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e 8 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Dismantling and refixing of M.S./PVC box of up to 250 x 300 x100 on surface recessed as required. including painting with enamel paint as reqd</td>
<td>5.00</td>
<td>Nos.</td>
<td>5.00</td>
<td>25.0</td>
</tr>
<tr>
<td>5</td>
<td>Dismantling and refixing of MCCB upto 630 Amp rating as required complete.</td>
<td>1.00</td>
<td>Nos.</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>6</td>
<td>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)</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
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<td>4.00</td>
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<td>Nos.</td>
<td>40.0</td>
<td>1600</td>
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<td>3</td>
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<td>No.</td>
<td>11.0</td>
<td>121.0</td>
</tr>
<tr>
<td></td>
<td>a 3 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b 4 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c 6 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d 12 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e 8 Module</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Dismantling and refixing of M.S./PVC box of up to 250 x 300 x100 on surface recessed as required. including painting with enamel paint as reqd</td>
<td>5.00</td>
<td>Nos.</td>
<td>5.00</td>
<td>25.0</td>
</tr>
<tr>
<td>5</td>
<td>Dismantling and refixing of MCCB upto 630 Amp rating as required complete.</td>
<td>1.00</td>
<td>Nos.</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>6</td>
<td>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)</td>
<td></td>
<td></td>
<td></td>
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<td>---------------------------------------------------------------------------------------</td>
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<td>----------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>a</td>
<td>8 way , Double door</td>
<td>1.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.</td>
<td>92.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Dismantling the old conduit pipe/wood batten of all sizes from surface/recessed &amp; making good the damages I/c filling the holes of the surface etc as reqd.and depositing it in sectional store.</td>
<td>7.00</td>
<td>Meter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.</td>
<td>55.00</td>
<td>Meter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Supply, Installation testing and commissioning of following seep, copper wound, 900 RPM, 220 volt AC, 50 Hz exhaust fan in the existing opening etc as required complete.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>450 mm / 18” sweep</td>
<td>2.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>600 mm / 24” sweep</td>
<td>1.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Repairing , cleaning, testing &amp; commissioniong box /industrial type /decorative type fitting I/c replacement of all parts if reqd.</td>
<td>1.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Fixing of exhaust fan shutter/ louvers up to 24” fan i/c providing and grouting rag bolts with washer as required.</td>
<td>3.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>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.)</td>
<td>1.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Supplying &amp; fixing 3mm (1/8&quot;) thick phenolic laminated sheet on existing board with screw &amp; washer etc. as required.</td>
<td>260.00</td>
<td>Sq.cm.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Supply and fixing of following LED light fixture with Electronic driver, LED lamp, reflector, diffusser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>1 X 20W LED tube with fitting</td>
<td>2.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>2 X 20W LED tube with fitting</td>
<td>1.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>12 watt resess mounting LED light fixture</td>
<td>12.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S. No</td>
<td>Description of Items</td>
<td>Qty</td>
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<td>--------</td>
</tr>
<tr>
<td>d</td>
<td>12 watt surface mounting LED light fixture</td>
<td>35.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e</td>
<td>18 watt recess 300 x 300 mm mounting LED light fixture</td>
<td>6.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f</td>
<td>36 watt recess mounting LED light fixture 600 x 600 mm</td>
<td>28.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Supply, installation, testing and commissioning of following LED lamp in existing fitting as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>20 watt ESSENTIAL PHILIPS or equivalent Tube inplace of 36/40 W FL tube</td>
<td>66.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>18 watt LED PLL lamp</td>
<td>12.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Locating fault in wiring rectifying removing &amp; restoring supply the same &amp; making good the damages etc as reqd.</td>
<td>5.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>S&amp;F, Copper tube / reducer/ lug terminals suitable for following size of conductor.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>6/10/16 Sq.mm.</td>
<td>8.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Supplying and fixing following rating. 240/415 volts, &quot;C&quot; 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.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>a</td>
<td>Single pole 5 A to 32 A</td>
<td>1.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>Triple pole and neutral 5 A to 32 A</td>
<td>1.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>Double Pole (40A-63A)</td>
<td>3.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>S &amp; F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.</td>
<td>3.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>1 or 2 Module</td>
<td>1.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>3 Module</td>
<td>8.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>6 Module</td>
<td>8.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>12 Module</td>
<td>3.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
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</tr>
<tr>
<td>22</td>
<td>Supply fixing connecting &amp; commissioning of following rating ISI marked 3 pin Plug top Anchor make as reqd</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>5 Amp</td>
<td>2.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>15 Amp</td>
<td>4.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Supply and Fixing, 20 Amp. Plug top for 2P+E industrial socket and top assembly as required.</td>
<td></td>
<td></td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>S &amp; F following size of PVC flexible pipe alongwith the accessories on surface etc as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>20 mm</td>
<td>6.00</td>
<td>Meter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>25 mm</td>
<td>5.00</td>
<td>Meter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>Fan regulator socket type</td>
<td>1.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>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.</td>
<td></td>
<td></td>
<td>9.00</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Supply and drawing PVC insulated 4 core round copper conductor cable of following size for connection of equipments / exhaust fan &amp; other work as reqd.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>4.00 sq. mm</td>
<td>15.00</td>
<td>Meter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>5/6 amps switch</td>
<td>1.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>15/16 A switch</td>
<td>1.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>3 pin 5/6 A socket outlet</td>
<td>1.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Supplying and fixing following modular switch/socket on the existing modular plate &amp; switch box including connections but excluding modular plate etc. as required.</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>a</td>
<td>5/6 A switch</td>
<td>55.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>15/16 A switch</td>
<td>20.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>3 pin 5/6 A socket outlet</td>
<td>19.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>6 pin 15/16 A socket outlet</td>
<td>19.00</td>
<td>No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>1 x 1.5 sq. mm</td>
<td>34.00</td>
<td>Metre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>3 x 1.5 sq. mm</td>
<td>50.00</td>
<td>Metre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>3 x 2.5 sq. mm</td>
<td>75.00</td>
<td>Metre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>3 x 4 sq. mm</td>
<td>20.00</td>
<td>Metre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete.</td>
<td>1.00</td>
<td>Nos.</td>
<td></td>
<td></td>
</tr>
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</table>

**Total Rs.**