

**UNIVERSITY OF KERALA
ENGINEERING UNIT, KARIAVATTOM**

| TENDER SCHEDULE FOR PROVIDING LED OUT DOOR FITTINGS AT PG MEN'S HOSTEL,KARIAVATTOM CAMPUS(ITEM RATE) | | | | | | |
|---|-------|---|------|------|---------------|--------|
| Sl. No | Qty | Description in work | Unit | Rate | Rate in words | Amount |
| 1 | 2 nos | Supply, conveyance, installation, testing and commissioning of pre-wired 48 W LED <i>pressure die cast aluminium IP66 Outdoor light fitting</i> complete with all accessories <i>in the existing GI pipe</i> and giving connections with required length of 16/0.20mm 3 core copper conductor flex wire conforming to relevant ISS or extending the original wiring and giving connection etc. as required.(Havels make ENDURA CITYLINER NEO/Philips/Crompton/Bajaj) | E | | | |
| 2 | 5 nos | Supply, conveyance, installation, testing and commissioning of pre-wired 70W LED <i>Aluminium Die-cast housing with efficient heat dissipation design and Green painted housing with UV treated coating Outdoor light fitting</i> complete with all accessories <i>in the existing GI pipe</i> and giving connections with required length of 16/0.20mm 3 core copper conductor flex wire conforming to relevant ISS or extending the original wiring and giving connection etc. as required.(Havels make ENDURA CITYLITE DAZZLE/Philips/Crompton/Bajaj) | E | | | |
| 3 | | Supply, fabrication, conveyance and fixing the following sizes of B class <i>GI pipe bent to shape / cut and welded to shape</i> and fixing the same to wall / parapet using clamps as noted along with each size, painting with 2 coats of synthetic enamel paint over a coat of zinc chromate primer, making good the damages, colour washing etc as required (for the installation of outdoor light fittings). | | | | |
| a | 11 m | 32 mm dia with clamps made from 20 x 3 mm MS flat | m | | | |
| 4 | | 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. | | | | |
| a | 90 m | 20 mm dia light gauge | m | | | |

| | | | | | | | |
|---|-----|-----|--|---|--|--|--|
| 5 | | | 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. | | | | |
| a | 100 | m | 1.50 sq mm 3 run | m | | | |
| 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 (<i>Group B/ RoHS compliant</i>) | | | | |
| b | 2 | nos | 1/2 module moulded plastic box on surface | E | | | |
| c | 1 | nos | 4 module moulded plastic box on surface | E | | | |
| 7 | | | Supply & Fixing the following types/ sizes of front plates on the existing modular boxes. (<i>Group B/ RoHS compliant</i>) | | | | |
| a | 2 | nos | 1/2 module white/ off-white | E | | | |
| b | 1 | nos | 4 module white/ off-white | E | | | |
| 8 | | | 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>) | | | | |
| a | 7 | nos | 6 A SP 1 way switch | E | | | |
| | | | TOTAL | | | | |

PAC Rs

I/We agreed to execute the work at quoted rates.

CONTRACTOR

Sd/-

UNIVERSITY ENGINEER