

TENDER SCHEDULE FOR THE ELECTRICAL WORK FOR THE DEVELOPMENT OF COMPUTER LAB IN THE COMPETENCY TRAINING CENTRE, KARIAVATTOM

| Sl.No. | Qty | | SPECIFICATION | UNIT | RATE | RATE IN WORDS | AMOUNT |
|--------|-----|---|--|------|--------|-------------------------------------|----------|
| 1 | | | 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. | | | | |
| a1 | 110 | m | 20 mm dia light gauge | m | 83.00 | Rs. Eighty three only | 9,130.00 |
| a2 | 60 | m | 25 mm dia light gauge | m | 95.00 | Rs. Ninety five only | 5,700.00 |
| 2 | | | Supply and fixing the following sizes of <i>PVC Conduit</i> conforming to IS 9537 / 1983 part III along with all required accessories <i>in recess</i> including cutting the wall and making good the damages etc as required. | | | | |
| a1 | 10 | m | 20 mm dia light gauge | m | 120.00 | Rs. One hundred & twenty only | 1,200.00 |
| a2 | 10 | m | 25 mm dia light gauge | m | 133.00 | Rs. One hundred & thirty three only | 1,330.00 |
| 3 | | | Supplying and clamping the following sizes of <i>corrugated PVC flexible conduit</i> with necessary compression gland with locking ring and check nut at termination pointed using suitable size GI / painted MS saddles spacing not exceeding 60 cms on surface including making good the damages, colour washing etc. as required. | | | | |
| b | 4 | m | 20 mm dia | m | 52.00 | Rs. Fifty two only | 208.00 |
| 4 | | | 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. | | | | |
| b1 | 30 | m | 1.50 sq mm 1 run | m | 45.00 | Rs. Forty five only | 1,350.00 |
| b2 | 60 | m | 1.50 sq mm 2 run | m | 61.00 | Rs. Sixty one only | 3,660.00 |

| | | | | | | | |
|-----|----|-----|---|---|--------|-------------------------------------|-----------|
| b3 | 33 | m | 1.50 sq mm 3 run | m | 77.00 | Rs. Seventy seven | 2,541.00 |
| c1 | 75 | m | 2.50 sq mm 1 run | m | 55.00 | Rs. Fifty five only | 4,125.00 |
| c2 | 30 | m | 2.50 sq mm 2 run | m | 81.00 | Rs. Eighty one only | 2,430.00 |
| c4 | 60 | m | 2.50 sq mm 4 run | m | 134.00 | Rs. One hundred & thirty four only | 8,040.00 |
| c6 | 33 | m | 2.50 sq mm 6 run | m | 186.00 | Rs. One hundred & eighty six only | 6,138.00 |
| e2 | 75 | m | 6.00 sq mm 2 run | m | 144.00 | Rs. One hundred & forty four only | 10,800.00 |
| 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 <i>(Group B/ RoHS compliant)</i> | | | | |
| a6 | 30 | nos | 8 module moulded plastic box on surface | E | 233.00 | Rs. Two hundred & thirty three only | 6,990.00 |
| 6 | | | Supply & Fixing the following types/ sizes of front plates on the existing modular boxes. <i>(Group B/ RoHS compliant)</i> | | | | |
| a13 | 30 | nos | 8 module white/ off-white | E | 187.00 | Rs. One hundred & eighty seven only | 5,610.00 |
| 7 | | | 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> | | | | |
| c4 | 60 | nos | 6 A SP 1 way switch | E | 119.00 | Rs. One hundred & nineteen only | 7,140.00 |
| g2 | 90 | nos | 6A 3 pin shuttered socket | E | 157.00 | Rs. One hundred & fifty seven only | 14,130.00 |
| | | | <i>S & F Enclosures for MCB DB</i> | | | | |

| | | | | | | | |
|-----|----|-----|---|---|----------|---|-------------------|
| 8 | | | Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required | | | | |
| t10 | 2 | nos | DP enclosure for independent mounting of MCB | E | 486.00 | Rs. Four hundred & eighty six only | 972.00 |
| a1 | 2 | nos | 12 way single phase double cover (IP 42/43) | E | 1,899.00 | Rs. One thousand eight hundred & ninety nine only | 3,798.00 |
| h4 | | | S & F Mini break isolators | | | | |
| i3 | 4 | nos | 40 A double pole mini break isolator | E | 356.00 | Rs. Three hundred & fifty six only | 1,424.00 |
| | | | S & F RCCB | | | | |
| n5 | 2 | nos | 40 A, 2 pole, 30 mA RCCB | E | 2,357.00 | Rs. Two thousand three hundred & fifty seven only | 4,714.00 |
| v1 | | | S & F SP MCB | | | | |
| v3 | 16 | nos | 6-32A(C curve) | E | 219.00 | Rs. Two hundred & nineteen only | 3,504.00 |
| 9 | 2 | nos | supply and installation of 40A single pole MCCB (10KA) in the existing load bank enclosure and giving connections etc as required | | 2,441.00 | Rs. Two thousand four hundred & forty one only | 4,882.00 |
| | | | TOTAL | | | | 109,816.00 |

PAC Rs.1,09,816/- (Rs.One lakh nine thousand eight hundred & six teen only)

I/We agreed to execute the work.

2.% below the estimate rate.

3.% above the estimate rate.

3. At the estimate rate.

UNIVERSITY ENGINEER

CONTRACTOR