

# MUNICIPAL CORPORATION OF BHILAI

N.I.T.

कार्य का नाम :- जोन-04 अंतर्गत राष्ट्रीय राजमार्ग संभाग क्र.-53 डबरा पारा चौक एवं खुर्सीपार पॉवर हाउस फ्लाई ओवर के समानान्तरण तक मार्ग प्रकाश व्यवस्था का संधारण कार्य।

| S.N. | PARTICULARS OF ITEMS                                                                                                                                                                                                                                                                                                                                                                                                                | No | L      | B | H/D | Quantity | UOM   |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|---|-----|----------|-------|
| 1    | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, multi strand wire in the existing surface/ concealed, FRLS PVC conduit/PVC casing capping as per specification and IS: 694 (2010)                                                                                                                                                                                                                     |    |        |   |     |          |       |
|      | 2 x 2.5 sq. mm                                                                                                                                                                                                                                                                                                                                                                                                                      |    | 180.00 |   |     | 180.00   | Metre |
| 2    | Supplying, installation, testing and commissioning of following 230/250 volts LED street light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Separate housing for driver etc complete as per specification and P.F. should be greater than 0.9. LED chip efficacy ratio $\geq 120$ lumens /watt. |    |        |   |     |          |       |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                     |    | 35.00  |   |     | 35.00    | Nos   |
| 4    | Supplying, installing, testing and commissioning of TPN tap off box of following capacity, made of 2 mm thick sheet steel enclosure duly painted with powder coating, on existing rising mains with space for TP Disconnect switch/ MCCB (without switch/MCCB), interconnections with copper lead and copper lugs/thimbles, earthing etc. as per specification:                                                                     |    |        |   |     |          |       |
|      | 200 AMPS                                                                                                                                                                                                                                                                                                                                                                                                                            |    | 4.00   |   |     | 4.00     | Nos   |
| 5    | Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as per specification, IS/ IEC: 60947-2 and Ics = 100 % Icu.                                                                                                                                                                                                    |    |        |   |     |          |       |
|      | 3 pole MCCB, 200A, Adjustable Thermal - Magnetic Release, 35KA                                                                                                                                                                                                                                                                                                                                                                      |    | 3.00   |   |     | 3.00     | Nos   |
| 6    | Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).                                              |    |        |   |     |          |       |
|      | 4 x 16 sq. mm.                                                                                                                                                                                                                                                                                                                                                                                                                      |    | 450.00 |   |     | 450.00   | Metre |

  
कार्यपालन अभियन्ता  
नगर पालिक निगम, भिलाई

  
सहायक अभियन्ता  
नगर पालिक निगम, भिलाई

  
उप अभियन्ता  
नगर पालिक निगम, भिलाई