

directed / instructed by Engineer-in-Charge.

Tender Inviting Authority: Chairperson, I-CDC

Name of Work: Electrical work (Renovation) of Workshop building at IPR campus, Bhat, Gandhinagar

## Contract No: IPR/TN/ELEC/01/2022

| Name of the<br>Bidder/ Bidding<br>Firm /<br>Company : |  |   |  |  |   |   |   |
|---|--|---|--|--|---|---|---|
| (This BOQ te  | (DOMESTI<br>emplate must not be modified/replaced by the bidder and the same   | should be up  |  | TO GIVEN I<br>illing the rel   |   |   | o be rejected for this tender. Bidders are allowed to |
|   |  | ms are inclu<br>availability o<br>mentioned ir<br>all be payabl<br>tailed specifi | ding scaffoldin<br>f detailed spen<br>n GCC and / or<br>e for execution<br>cation or India | le in tender<br>ng, curing, f<br>cification, S<br>r as directe<br>n of items a<br>I Standard d | for all leads and lifts<br>pecification of the s<br>d by Engineer-In-Ch<br>s mentioned in Sch<br>of relevant or Other | s etc.<br>same shall<br>arge, whose decision<br>edule of Quantities<br>Standards thereon. |   |
| NUMBER #  | TEXT #   | TEXT #  | NUMBER #   | TEXT #   | NUMBER #  | NUMBER #  | TEXT #  |
| SI.<br>No.  | Item Description   | Item Code /<br>Make   | Quantity   | Units  | RATE In Figures<br>To be entered by<br>the Bidder in<br>Rs. P<br>including GST &<br>all taxes                         | TOTAL AMOUNT<br>Including GST & all<br>Taxes<br>in<br>Rs. P                               | TOTAL AMOUNT In Words                                 |
| 1   | 2  | 3   | 4  | 5  | 7   | 14  | 15  |
| 1.0   | <b>Electrical panels:</b><br>Design, Enginneering, Manufacture, Assembly, Factory Testing,<br>Supply, Storage, Installation, Site Testing and Commissioning etc<br>complete as per applicable IS / IEC Standards, of front operated,<br>indoor, cubicle type, free standing, LT panels suitable for operating on<br>415 V +/-10%, Three Phase, 4 wire, 50 Hz +/-3%, AC supply system<br>and to with stand a short circuit level of 65/50/35/25/16/10 KA rms<br>symmetrical, as applicable. The scope of work includes all the<br>materials, works, testing and commissioning as specified below and as | 1.0   |  |  |   |   |   |

| 2.0 | <ul> <li>MAIN LT PANEL</li> <li>In Coming:</li> <li>630 Amp. FP MCCB (50 KA) - 1 No.</li> <li>Bus-bar:</li> <li>630 Amp FP Electrical grade Copper Bus bars : 1 Set.</li> <li>CU flat earthing bus of 40x6mm</li> <li>Out going:</li> <li>250 AMP. FP MCCB - 36 kA - 2 Nos.</li> <li>200 AMP. FP MCCB - 36 kA - 1 Nos.</li> <li>125 AMP. FP MCCB - 25 kA - 5 Nos.</li> <li>100 AMP. FP MCCB - 16 kA - 4 Nos.</li> <li>63 AMP. FP MCB - 16 kA - 2 Nos.</li> <li>Metering, Protection &amp; Indication:</li> <li>Digital Multi Function meter with RS 485 Port : 1 No.</li> <li>CT 630/5A, 10VA, CL-1 : 1 set.(3 Nos)</li> <li>Control MCB 6A</li> <li>Phase indication (RYB-ON-OFF-TRIP) LED type lamp with Control</li> <li>Fuse</li> <li>CLASS B TYPE 4 POLE SURGE ARRESTOR - 1 No.</li> </ul> | 1.1 | 1.00 | Nos. | 0.00 | INR Zero Only |
|-----|---|-----|------|------|------|---------------|
| 3.0 | Equipment power Panel<br>In Coming:<br>250 Amp. FP MCCB (25 KA) - 1 No.<br>Bus-bar:<br>250 Amp FP Electrical grade Copper Bus bars : 1 Set.<br>CU flat earthing bus of 25x6mm<br>Out going:<br>63 AMP. FP MCB - 16 kA - 2 Nos.<br>40 AMP. FP MCB - 16 kA - 2 Nos.<br>32 AMP. FP MCB - 16 kA - 2 Nos.<br>16 AMP. FP MCB - 16 kA - 2 Nos.<br>16 AMP. FP MCB - 16 kA - 12 Nos.<br>Metering, Protection & Indication:<br>Digital Multi Function meter with RS 485 Port : 1 No.<br>CT 250/5A, 10VA, CL-1 : 1 set.(3 Nos)<br>Control MCB 6A<br>Phase indication (RYB-ON-OFF-TRIP) LED type lamp with Control<br>Fuse  | 1.2 | 1.00 | Nos. | 0.00 | INR Zero Only |

| 4.0  | ITC of LT CABLES -<br>Aluminum/copper Conductor, XLPE Insulated, Armoured Cables<br>of following Specifications & sizes :<br>Laying, Installation, Testing and Commissioning of 1.1 KV grade,<br>2C/3C/3.5C/4C, XLPE insulated of following sizes. The cable shall be<br>laid in existing hume pipe below ground level or on wall / ceiling with<br>clamps, or through RCC Hume Pipes / Ducts / sleeves / pipes / holes /<br>cable trenches etc complete as required, but excluding the cost of<br>excavation/back-filling and Cable Trays.<br>The scope also includes making necessary holes in walls / ceilings /<br>floors etc as required.<br>Cable tag shall be provided and fixed on the cable at bothe the end of<br>cable or as required. | 2.0        |        |      |      |               |
|------|---|------------|--------|------|------|---------------|
| 5.0  | 3.5 Core x 240/300/400 Sq. mm Al. Arm. Cable  | 2.1        | 250.00 | RMT  | 0.00 | INR Zero Only |
| 6.0  | 3.5 Core x 25 Sq. mm Al. Arm. Cable   | 2.2        | 50.00  | RMT  |      | INR Zero Only |
| 7.0  | <b>END TERMINATION OF LT CABLES:</b><br>Supply, Installation, Testing and Commissioning(SITC) of End<br>Connection and Termination of cable, 2/3/3.5/4 core, 1.1 KV grade,<br>FRLS, PVC / XLPE insulated, armoured / Un-armoured, Copper /<br>Aluminium conductor cables, including supply of whether proof<br>Double compression brass cable glands for outdoor and single<br>comression brass cable glands for indoor, Lugs, neoprene bushes,<br>insulation tapes and other materials of approved make and tools as<br>required complete with terminal connections, earthing of glands as<br>required to camplete the work in all resprct and as directed by Engineer<br>- in - Charge.   | 3.0        |        |      |      |               |
| 8.0  | 240/300/400 Sq. mm  | 3.1        | 4.00   | Nos. | 0.00 | INR Zero Only |
| 9.0  | 25/35 Sq. mm  | 3.2        | 4.00   | Nos. | 0.00 | INR Zero Only |
| 10.0 | CABLE TRENCH           Excavation and back filling of under ground cable trenches of required width and depth. The scope includes excavation for cables as instructed by EIC and also as per the cable routing, backfilling after cable laying, ramming, dressing, watering, compacting of earth etc and making the complete site good and clean, removal of debris etc complete as per instruction and direction of Engineer-in-Charge.  | 4.0<br>4.1 | 15.00  | CUM  | 0.00 | INR Zero Only |
| 12.0 | Supplying & spreading fine sand for a thickness of 100mm x width 300mm and providing and laying half round of 100mm width and 1 mtr length to cover the cable.  | 4.2        | 50.00  | RMT  | 0.00 | INR Zero Only |
| 13.0 | Fabrication   | 5.0        |        |      |      |               |

| 14.0 | Supply and fabrication and installation of Mild steel, in required shapes, sizes and configuration as required for cable/cable tray/panels/DBs etc. support on panel/floor/wall with anchor fastner/nuts and bolts including welding/cutting/grinding etc. as required to complete the job using ISA/ISMC/MS flat/MS plate as required/directed. The job also includes to paint the structure after surface cleaning with two coats of zinc cromate primer and two coat color of enamel paint as per the shade approved/suggested by Enginner-in-Charge.   | 5.1   | 50.00 | Kg   | 0.00 | INR Zero Only |
|------|--|-------|-------|------|------|---------------|
| 15.0 | <b>ETPN/VTPN MCB Distribution Board:</b><br>SITC of following <b>ETPN PPI Double Door, DBs</b> , as per IS 8623, dust and vermin protected, rated for 440V, 3 phase, 50 Hz AC supply operation, with neutral link & Earth Link with required out goings, cable kits, DIN bar, Fully Factory fabricated and Powder coated suitable for incorporating SP/DP/ TP/FP MCB as specified below including necessary adaptor boxes for incoming and out going cables/ wires, but excluding supply of MCBs. The scope also includes all hardware, anchor-fastners, clamps etc as required for installation of the DBs. Frames required for installation shall be measured and paid as per separate item of the tender. | 6.0   |       |      |      |               |
| 16.0 | SITC of TPN MCB DB as per Item no. 2.0 above, suitable for 16<br>Amp/ 32 Amp/ 63 Amp FP MCB as incoming control and 12 ways /<br>phase - 6/10/16/20//25/32 Amp SP/ DP/ TP/ FP MCBs as out going.   | 6.0.1 | 2.00  | Nos. | 0.00 | INR Zero Only |
| 17.0 | MCB,RCCB, MCCB:<br>SITC of MCB, 10 KA breaking capacity with Overload and Short<br>Circuit protection, as per IS/IEC 60898 B/C curve of specified ratings.<br>The MCBs are to be installed in the DBs/Enclosure, including<br>necessary connections/terminations, but excluding the DBs /<br>Enclosures.   | 6.1   |       |      |      |               |
| 18.0 | SITC of Single Pole(SP) MCBs as per Item No. 3.00 above, of capacity 6A /10A / 16A / 20A / 25A / 32A   | 6.1.1 | 72.00 | Nos. | 0.00 | INR Zero Only |
| 19.0 | SITC of Double Pole(DP) MCBs as per Item No. 3.00 above, of capacity 6A / 10 A / 16A / 20A / 25A / 32A   | 6.1.2 | 10.00 | Nos. | 0.00 | INR Zero Only |
| 20.0 | SITC of Four Pole(FP) MCBs as per Item No. 3.00 above, of capacity<br>6A / 10 A / 16A / 20A / 25A / 32A.   | 6.1.3 | 15.00 | Nos. | 0.00 | INR Zero Only |
| 21.0 | SITC of Four Pole(FP) MCBs as per Item No. 3.00 above, of capacity 40 A / 50A / 63A.   | 6.1.4 | 25.00 | Nos. | 0.00 | INR Zero Only |

| 22.0 | SITC of 2 Pole Residual Current Operated Circuit Breaker<br>RCCB/ELCB:<br>Supply, Installation, Testing and Commissioning (SITC) of 2 Pole,<br>Residual Current Operated Circuit breaker(RCCB)/ Earth Leakage<br>Circuit Breaker (ELCB), rated for 230V, 50 HZ, single phase, AC<br>Supply, Residual current device type, with trip free mechanism,<br>terminals suitable for aluminium/copper cable termination, terminal<br>covers, entry terminals, test buttons and positive contact indication of<br>specified leakage current tripping sensitivities and operating time less<br>tan 30 mili-sec. The RCCB shall be ISI marked - IS 12640 with latest<br>amendments. complete as required. The RCCB is to be installed in the<br>DBs / Enclosure, including necessary connections / terminations, but<br>excluding the DBs / Enclosures.Type of RCCB/ELCB shall be Type A<br>(AC - Duty) as per IS:12640 Part-1) | 6.2   |       |      |      |               |
|------|---|-------|-------|------|------|---------------|
| 23.0 | SITC of RCCB/ELCB as per Item No. 7.00 above, rated for 40 Amp.<br>Two Pole, 100mA sensitivity.   | 6.2.1 | 3.00  | Nos. | 0.00 | INR Zero Only |
| 24.0 | SITC of RCCB/ELCB as per Item No. 7.00 above, rated for 63 Amp.<br>Two Pole, 100mA sensitivity.   | 6.2.2 | 3.00  | Nos. | 0.00 | INR Zero Only |
| 25.0 | MCB Enclosure   | 6.3   |       |      |      |               |
| 26.0 | supply pf MCB enclosure with 14/16 SWG CRCA sheet steel, dust and vermin protected, fully fabricated and powder coated suitable for incorporating DP MCB as specified below, excluding supply of MCB as directed by EIC or his representative.  | 6.3.1 | 5.00  | Nos. | 0.00 | INR Zero Only |
| 27.0 | supply pf MCB enclosure with 14/16 SWG CRCA sheet steel, dust and vermin protected, fully fabricated and powder coated suitable for incorporating FP MCB as specified below, excluding supply of MCB as directed by EIC or his representative.  | 6.3.2 | 20.00 | Nos. | 0.00 | INR Zero Only |

| 28.0 | <ul> <li>Point wiring: The scope for each item of Point Wiring, includes Supply, Installation, Testing and Commissioning, including supplying all materials like Switches, Sockets, MS/PVC Box, Wires, Conduits &amp; accessories, junction boxes, Hardwares, saddles &amp; clamps, connectors, neutral links, ferrules, Cu lugs, Insulating Tapes, Identification Labels etc and all works like laying / jointing / clamping of conduits, drawing of wires, installation of switch-boards, etc complete and testing &amp; commissioning complete as per Instruction &amp; Direction of Engineer-in-Charge or his authorized representative/s. Further, the scope for unit rate of each item of Point Wiring also includes,</li> <li>Supply &amp; Laying of 25mm wide (inner), MMS, Electrical grade, ISI marked PVC Conduits/casing caping in Wall/floor with accessories, hardware, etc. complete. The conduit/casing capping shall be run on wall/ceiling/column/beams as per site conditions maintaining line and level as well as good workmanship and as instructed &amp; directed by Engineer-in-Charge or his authorized representative/s.</li> <li>Supply &amp; Wiring with 1100 volt grade ISI marked PVC - FRLS insulated (IS 694 with latest amendments) wires having flexible (multi strands) copper conductors.</li> </ul> | 7.0 |  |  |  |
|------|--|-----|--|--|--|
|      |  |     |  |  |  |

|      | Supply & installation of modular type, ISI marked Switches, ISI<br>marked (IS-1293) Sockets, MS/PVC Box with its necessary<br>accessories, including connectors, brass chromium/cadmium plated<br>screws, complete as required to complete the work.<br>Making zurry in wall/floor/column etc. filled with mortar, apply |       |       |      |      |               |
|------|--|-------|-------|------|------|---------------|
|      | chicken mesh on filled zurry will be in the scope of work of contractor.<br>Zurry shall be made by cutter only as per required size with good<br>workmanship.  |       |       |      |      |               |
| 29.0 | All the wiring & conduiting, from Distribution Boards to Switch boxes<br>for Circuit Mains, form Switch boxes to switch boxes for Sub Circuit<br>Mains, and from Switchboard to outlet Light/Fan/Power Points etc<br>complete as required.   | 7.0.a |       |      |      |               |
|      | The size of the wires shall be as follows : 3 nos. separate wires shall be drawn for Phase, Neutral and Earth for each point from the Switch Board to the Outlet Points and for secondary points also.   |       |       |      |      |               |
|      | (a) From DB to Switch board (Lighting switch board): 2.5 Sq.mm flexible Cu wires for Phase & Neutral, and 1.5 Sq. mm flexible cu wires for earth.  |       |       |      |      |               |
|      | (b) For Light and 6A Switch-Socket Points : From Switch Board to Outlet Point : 1.5 Sq.mm flexible Cu wires for Phase / Off, Neutral, and Earth, 3 nos. separate wires for each point.   |       |       |      |      |               |
|      | (C) For 6/16A Socket Points : From Distribution Board to Outlet Point<br>: 2.5 Sq.mm flexible Cu wires for Phase / Off, Neutral, and 1.5<br>Sq.mm. Flexible Cu. Wires for Earth, 3 nos. separate wires for each<br>point.  |       |       |      |      |               |
| 30.0 | (D) For 16A Socket Points (for AC and special purpose): From Distribution Board to Outlet Point : 2.5 Sq.mm flexible Cu wires for Phase / Off, Neutral, and 2.5 Sq.mm. Flexible Cu. Wires for Earth, 3 nos. separate wires for each point.   | 7.0.b |       |      |      |               |
| 31.0 | <b>Primary Point:</b><br>Point Wiring for Primary Point complete as per Item No. 7.00 above with 10A SP MCB for control and as directed by Engineer in Charge or his representative.   | 7.1   | 10.00 | Nos. | 0.00 | INR Zero Only |
| 32.0 | <b>Secondary point wiring:</b><br>Point Wiring for Secondary Point, looped from the adjacent primary<br>points complete as per Item No. 7.0 above, but without MCB and as<br>directed by Engineer in Charge or his representative.   | 7.2   | 10.00 | Nos. | 0.00 | INR Zero Only |

|      | Fan point:  |     | 1 1   |      | 1 1 |      |               |
|------|---|-----|-------|------|-----|------|---------------|
| 33.0 | Point wiring complete as per item no.7.0 but with 120w hume free step<br>type fan regulator with required fixing accessories (i.e. Fan hook, etc.)<br>complete in all respect and as directed by Engineer-in -Charge.   | 7.3 | 4.00  | Nos. |     | 0.00 | INR Zero Only |
| 34.0 | <b>Exhaust Fan point:</b><br>Point wiring complete as per item no.7.0 but for exhaust fan with 10A SP MCB complete in all respect and as directed by Engineer-in - Charge.  | 7.4 | 10.00 | Nos. |     | 0.00 | INR Zero Only |
| 35.0 | <b>6A plug point on switch board:</b><br>Point Wiring complete as per item No. 7.00 above, but for 6A one-way<br>Modular type Switch and 6A, 5 pin Socket, installed in and wired from<br>the Lighting Switch Board.  | 7.5 | 5.00  | Nos. |     | 0.00 | INR Zero Only |
| 36.0 | <b>1 Nos. 6A Switch socket plug point at Separate Location:</b><br>Point Wiring complete as per item No. 7.00 above but for 1 Nos. 6A modular switches, 5 pin universal Socket including cover plate, suitable size MS box etc. complete in all respect as directed by Engineer in Charge or his representative.  | 7.6 | 5.00  | Nos. |     | 0.00 | INR Zero Only |
| 37.0 | <b>2 Nos. 6A Switch socket plug point:</b><br>Point Wiring complete as per item No. 7.00 above but for 2 Nos. 6A modular switches, 5 pin Socket including cover plate, suitable size MS box etc. complete in all respect as directed by Engineer in Charge or his representative.   | 7.7 | 10.00 | Nos. |     | 0.00 | INR Zero Only |
| 38.0 | <b>1 Nos. 6A &amp; 1 Nos. 16A Switch socket combined plug point:</b><br>Point Wiring complete as per item No. 7.00 above but for modular 1<br>Nos. 16 A and 1 Nos. 6A, 5 pin Socket including cover plate, suitable<br>size MS box etc. complete in all respect as directed by Engineer in<br>Charge or his representative.   | 7.8 | 10.00 | Nos. |     | 0.00 | INR Zero Only |
| 39.0 | <b>16A plug point (For Special purpose):</b><br>Point Wiring complete as per item No. 7.00 above, with 16A modular type Switch and 16A Socket including screws, cover plate, MS box etc. complete in all respect as directed by Engineer in Charge or his representative.   | 7.9 | 10.00 | Nos. |     | 0.00 | INR Zero Only |
| 40.0 | Light fixtures Accessories and Fans   | 8.0 |       |      |     |      |               |
| 41.0 | Supply, assemble, installation, connection, testing and commissioning<br>of 120W highbay type LED light fixtures, 5700K, having system<br>lumen output >= 130 lm/W, useful LED life L70B50 >=50000 hrs, IP<br>65, suitable to double hight area with in built surge protection,<br>necessary fixing accessories, connection with flexible copper<br>conductor wire, Earthing Connection to each fittings & fixtures,<br>necessary hardware etc. as required and directed by Engineer-in-<br>Charge or his representative. Similar to Wipro make UNO LH21-192-<br>060-57-XX from the approved makes. | 8.1 | 12.00 | Nos. |     | 0.00 | INR Zero Only |

| 42.0 | Supply, assemble, installation, connection, testing and commissioning<br>of 20W four feet IP 65 weather proof LED light fixture with LED rod,<br>surface mounted, connection with flexible copper conductor wire,<br>Earthing Connection to each fittings & fixtures, necessary hardware<br>etc. as directed by Engineer-in-Charge or his representative.  | 8.2    | 7.00   | Nos. | 0.00 | INR Zero Only |
|------|--|--------|--------|------|------|---------------|
| 43.0 | Supply, assemble, installation, connection, testing and commissioning<br>of 40W four feet batten type LED light fixture, surface mounted,<br>connection with flexible copper conductor wire, Earthing Connection<br>to each fittings & fixtures, necessary hardware etc. as directed by<br>Engineer-in-Charge or his representative.   | 8.3    | 10.00  | Nos. | 0.00 | INR Zero Only |
| 44.0 | Supply, Installation, Testing and commissioning of 600mm sweep, 900 rpm, Heavy duty, totally enclosed motor type exhaust fan suitable for operation on 230V, 50 Hz single phase AC supply complete with 3 core copper conductor cable, bird net with rubber mountings and confirming to IS- 2312 (with latest amendment) including required fixing accessories, hardwares, etc. as directed by Engineer-in-Charge or his representative.   | 8.4    | 2.00   | Nos. | 0.00 | INR Zero Only |
| 45.0 | Cable Management:<br>Supply and laying of PVC cable management system consisting of<br>snap-fit lids with 50mm deep cable divider and allied accessories such<br>as internal tees, external tees, flat tees etc. Scope of work also<br>including supply of all fixing accessories to complete the work in all<br>manner as directed by Engineer-in-Charge or his representative.   | 9.0    |        |      |      |               |
| 46.0 | 100X50 mm  | 9.0.1  | 100.00 | Rmt  | 0.00 | INR Zero Only |
| 47.0 | <b>Copper Plate Earthing:</b><br>SITC of 600x600x3.15mm electrolytic copper plate Earthing Stations, connected with 40x6mm electrolytic copper strip up to the earthing chamber including supply of all materials like GI Pipes, Charcoal, Salt, funnel, 300x300mm size CI Cover for the chamber, all hardware & accessories etc complete and all the works like excavation, back-filling, making the chamber, connections etc complete as per IS:3043 and as instructed and directed by Engineer-in-Charge. | 10.0   |        |      |      |               |
| 48.0 | SITC of plate Earthing Station as per item above, with 3.5 mt depth  | 10.0.1 | 2.00   | Nos. | 0.00 | INR Zero Only |
| 49.0 | <b>Equipotential Bar / Test Link:</b><br>Supply, Installation, Testing and Commissioning of <b>below mentioned</b><br>Equipotential bar with installed with epoxy support Insulators, to inter<br>connect different earthing conductors. The bar shall be provided with<br>six holes for connecting the equipment to earthing station.   | 10.1   |        |      |      |               |
| 50.0 | SITC of 25x6mm Cu. Test link (300 mm Long) of required size as per Item above.   | 10.1.1 | 1.00   | Nos. | 0.00 | INR Zero Only |

| Quoted Rate in   | l Words  |        |       |     | INR Zero Only | 1             |
|------------------|--|--------|-------|-----|---------------|---------------|
| Total in Figures | 3  |        |       |     | 0.00          | INR Zero Only |
| 54.0             | SITC of 10 SWG Copper Wire as per item above.  | 10.3.1 | 30.00 | RMT | 0.00          | INR Zero Only |
| 53.0             | SITC of Copper Earthing Wires / Cables :<br>Supply and laying of ETP grade as per IS:191 copper wire of following<br>sizes including supply and fixing of clamps and accessories when laid<br>inside the building and inclusive of excavation and refilling of earth<br>when laid out side the building, terminations / interconnections in an<br>approved manner as per the IS 3043 (with latest amendment) inclusive<br>of supply of all hardware complete as required, and as instructed &<br>directed by Engineer-in-Charge.   | 10.3   |       |     |               |               |
| 52.0             | SITC of 25mm x 3 mm Copper Earth Strip as per Item above.  | 10.2.1 | 40.00 | RMT | 0.00          | INR Zero Only |
| 51.0             | <b>COPPER EARHTING STRIP:</b><br>Supply, Laying, Testing and Commissioning of ETP grade as per IS 191, Copper Strip of following sizes, including supply and fixing using MS / Aluminium spacers, saddles, with all fixing materials as required when laid inside the building, and inclusive of excavation and refilling of earth when laid out side the building, termination/ interconnections in an approved manner as per the IS 3043 (with latest amendments) inclusive of supply of all hardwares complete as required. Item includes supply & Fixing of AMC / FRP spacer / supports used for fixing earthing strip as per requirement as directed by Engineer-in-Charge or his representative. | 10.2   |       |     |               |               |