

Sl.No	Specification
I	<b>Electrification</b>
1	Supply and wiring points according to IS 732-1989 using rigid PVC conduit of minimum size 20 mm with specials conforming to IS 9537 part III 1983 and with suitable size specials conforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq.mm FRLS PVC insulated stranded single core copper conductor cable 650 V grade, including providing switch board main and continuous earthing with No.14 SWG bare copper, required quantity of copper earth socket, brass bolt and nut crimping/soldering etc. complete with suitable size modular type metal switch boxes, modular type metal switch boxes, modular type front plates(white)etc. up to and including 6A modular type SP switches and making good the surface of wall, colour washing etc. complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS complaint modular accessories). Single Control light point with 6A, plate ceiling rose-Short point. <b>Net total 13.000 point</b>
2	Supply and wiring points according to IS 732-1989 using PVC conduit of minimum size 20 mm with specials conforming to IS 9537 part III 1983 and with suitable size specials conforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq mm FRLS PVC insulated stranded single core copper conductor cable 650 V grade, including providing switch board main and continuous earthing with No. 14 SWG bare copper, required quantity of copper earth socket, brass bolt and nut crimping/soldering etc. complete with suitable size modular type metal switch boxes, modular type front plates(white)etc. up to and including 6 A modular type SP switches and making good the surface of wall, colour washing etc. complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS complaint modular accessories). Single control light point without ceiling rose-short point <b>Net Total -10.000</b>
3	Supply and wiring points according to IS 732-1989 using rigid PVC conduit of minimum size 20 mm with specials conforming to IS 9537 part III 1983 and with suitable size specials conforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq mm FRLS PVC insulated stranded single core copper conductor cable 650V grade, including providing switch board main and continuous earthing with No. 14 SWG bare copper, required quantity of copper earth socket, brass bolt and nut crimping/soldering etc complete with suitable size modular type metal switch boxes, modular type front plates (white) etc. up to and including 6 A modular type SP switches and making good the surface of wall, colour washing etc. complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc. as required. (RoHS complaint modular accessories). Single control ceiling fan point with 6A,3 plate ceiling rose & with socket size stepped electronic regulator- Short point <b>Net Total – 4.000 point</b>
4	Supply and wiring points according to IS 732-1989 using rigid PVC conduit of minimum size 20mm with specials conforming to IS 9537 part III 1983 and with suitable size specials conforming to IS 3419-1988, fixing the conduit using metal saddles spacing not exceeding 50 cm or concealed suitably and with 1.00 sq.mm FRLS PVC insulated stranded single core copper conductor cable 650 V grade, including providing switch board main and continuous earthing

	<p>with No.14 SWG bare copper, required quantity of copper earth socket, brass bolt and nut crimping/soldering etc. complete with suitable size modular type metal switch boxes, modular type front plates (White) etc. up to and including 6 A modular type SP switches and making good the surface of wall, colour washing etc. complete. All the terminations in the switch boards and DB's shall be tinned and the wires shall be drawn and fixed along the periphery of the box using suitable ties, tie mounts etc as required. (RoHS complaint modular accessories). Combined plug point with 6A, 5 pin plug socket controlled by 6 A, switch in the same switch board as that of light points</p> <p><b>Net Total – 1.000 each</b></p>
5	<p>Supplying and fixing extra conduit down rod of 20 cm length G.I. pipe 15 mm dia, heavy gauge including painting etc. as required. (Note: More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored) Net total – <b>20.000 each</b></p>
6	<p>Supply and amp; installation of light fittings on TW round block &amp; It;br &amp; gt; Supply, conveyance installation testing and commissioning the light fittings of following types made of CRCA with 0.5mm thickness complete with all accessories and lamps etc. directly on wall or ceiling with PVC round block neatly painted to suit the fitting and giving connection with required length of 16/0.20mm 3 core copper conductor flex wire conforming to relevant ISS and giving connections as required 1.200 mm 1x20W LED Lamp with box type fixture</p> <p><b>Net total -7.000 each</b></p>
7	<p>Supply, conveyance, installation, testing and commissioning of cast aluminum stove enameled elliptical shaped bulk head fittings directly on wall including cutting necessary holes, giving connections with the extended original wiring, making good the damages, colour washing etc as required. <b>Net Total -4.000 each</b></p>
8	<p>Supply , Installation, testing and commissioning of ceiling fan of following sizes including wiring the down rods of standard length (up to30 cm) with 1.5 sq.mm FRLS PVC insulated, copper conductor, single core cable etc. as required. 1200 mm sweep-ceiling fan complete with service value minimum 4.0 (cub meter/minute/Watt), Air delivery minimum 210 (cubic meter/minute), Copper winding suitable for 230V/240V single phase AC supply</p> <p><b>Net Total – 4.000 each</b></p>
9	<p>Supply and installation of suitable size MS belt type fan clamp fabricated from flat iron 40 x6 mm, 150mm long x 2 Nos with M.S. rod bent to shape, neatly painted with 2 coats of enamel paint over a coat of red oxide primer as per IS 732 as required.</p> <p><b>Net Total -4.000 each</b></p>
10.	<p>Supply Conveyance, installation, testing and commissioning of 36/40W LED street light output greater than 105 lumen/W 4000-6000 K with IP 66 protection LED Chip make Cree/Lumiled/Nichea with power factor greater than 0.95 at full load, internal surge protection up to 8 KV, and Aluminium pressure die-cast Powder coated housing, acrylic cover complete with THD less than 10%, power factor greater than compartment should be separately accessible for maintenance (LM 79&amp;80 certificates from NABL accredited Third party lab to be produced mentioning chip manufacturer)</p> <p><b>Net Total – 1.000 each</b></p>
11.	<p>Supply, fabrication, conveyance and fixing the following sizes of B class GI pipe bent to shape/cut and welded to shape 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. 32 mm dia with HG company fabricated clamps</p> <p><b>Net total – 1.500 meter</b></p>

12.	Supplying and fixing PVC batten/angle holder including connection etc. as required <b>Net Total – 10.000 each</b>
13.	Supply and providing 9 W LED Bulb in the existing angle/straight batten holder. <b>Net Total – 14.000 each</b>
14.	Supply, conveyance, installation, testing and commissioning of 300/305 mm single phase light duty exhaust fans in the existing opening, fixing necessary bolt and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS <b>Net Total – 1.000 each</b>
15.	Charges for cutting holes suitable for accommodating exhaust fans up to 305 mm sweep including plastering colour washing etc. as required <b>Net Total -1.000 each</b>
16.	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/PVC conduit as required 3x 1.5 sq.mm <b>Net Total – 70.000 metre</b>
17.	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required. 6x1.5 sq.mm <b>Net Total – 30.000 metre</b>
18.	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required 3x2.5 sq.mm <b>Net Total – 50.000 metre</b>
19.	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required 3x4 sq.mm <b>Net Total – 25.000 metre</b>
20.	Supply and fixing of following sizes of light gauge PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required 20mm <b>Net Total – 110.000 metre</b>
21.	Supply and fixing of following sizes of light gauge PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required 25mm. <b>Net Total – 25.000 metre</b>
22.	Supply and fixing of following sizes of light gauge PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required 32mm- <b>Net Total 5.000 metre</b>
23.	Supplying and fixing following modular switch/socket on the existing modular plate and switch box including connections but excluding modular plate etc. as required 5/6 amps switch – <b>Net Total – 11.000 each</b>
24.	Supplying and fixing following modular switch/socket on the existing modular plate and switch box including connections but excluding modular plate etc. as required 15/16 amp switch – <b>Net Total – 2.000 each</b>
25.	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required e pin 5/6 amp socket outlet – <b>Net Total – 11.000 each</b>
26.	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required 6 pin 15/16 amp socket outlet – <b>Net Total – 2.000 each</b>

27.	Supplying and fixing following size/modules, GI box along with modular base & amp; cover plate for modular switches in recess etc as required. 3 Module (100mmx75mm) <b>Net Total – 7.000 each</b>
28.	Supplying and fixing following size/modules, GI box along with modular base & amp; cover plate for modular switches in recess etc. as required 6 Module (200mm x 75mm) <b>Net Total – 3.000 each</b>
29.	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, interconnection, powder painted including earthing etc. as required. (But without MCBIRCCB/Isolator 16 way, Double door <b>Net Total – 1.000 each</b>
30.	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, “C” 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. Single pole <b>Net Total – 12.000 each</b>
31.	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 amps <b>Net Total – 2.000 each</b>
32.	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required 40 amps - <b>Net Total -1.000 each</b>
33.	Supply and drawing bare earthing conductors of the following sizes along with wiring/cables and giving connection as required 3.15mm copper conductor (10 SWG) <b>Net Total – 10.000 metre</b>
34.	Supply of superior quality copper earth socket for the following size of earth conductor including crimping etc. as required.3.15mm(10SWG) <b>Net Total – 4.000 each</b>
35.	Fabrication, supply & amp; installation of dust and vermin proof, wall/floor mounting, metering cubicle of cubicle construction made from 1.60mm CRCA sheet, providing necessary supports made from the same gauge CRCA sheet to fix KSEB meters, SPN Switch, fuse units, Earth link etc, hinged door construction for the front side with compartments if necessary, providing vision panel for the meter compartment, knock out for cable entry and exit, painting the entire board with 2 coats of synthetic enamel paint over a coat of zinc chromate primer etc. as required including fixing it on wall, making good the damages colour washing etc. as required. CRCA sheet alone be used for the fabrication. Angles/flats/ slotted angles etc. shall not be used for the fabrication of main housing of meter board. (Including 1 no 32 A HRC fuse base with HRC Link, 25 A DMC base Neutral link and also base frame used by 25x25x4mm Angle iron support) 1 phase Meter Board - <b>Net Total – 1.000 each</b>
36.	Supply and providing brass bolt and nut 25x3mm – <b>Net Total – 12.000 each</b>
37.	Supply and providing M8 anchor bolt hook in wall/parapet for binding support for service main – <b>Net Total -1.000 each</b>
38.	Earthing with G.I. earth plate 600 mm x 600 mm x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. (but without charcoal/coke and salt) as required. <b>Net Total – 1.000 set</b>
39.	Supplying and laying 25mm x 5 mm G.I strip at 0.50 metre below ground as strip earth

	electrode, including connection/terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I nut bolt & amp; spring washer spaced at 50mm) <b>Net Total – 5.000 metre</b>
40.	Supply and laying of the following sizes of B class GI pipe laid 0.6 m below ground level including excavating trench of suitable size and refilling etc, as required 15 mm dia. G.I pipe (medium class) <b>Net Total – 3.000 metre</b>



# INDIAN INSTITUTE OF DIABETES

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പേരിഡി കൗൺസിലർ

നം.59/എ1/ഐ.ഐ.ഡി/2022

18.04.2022

## കുടുംബ / ടെൻഡർ നോട്ടീസ്

ഇന്ത്യൻ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് ഡയബറ്റിസിന്റെ കോമ്പൗണ്ടിൽ ഉള്ള സി-5 കോർട്ടേജിന്റെ നിലവിലുള്ള ഇലക്ട്രിക്കൽ വയറിംഗ് മാറ്റി പുതിയ (Including Specification) ഇലക്ട്രിക്കൽ വർക്ക് ചെയ്യുന്നതിന് താല്പര്യമുള്ള വ്യക്തികളിൽ നിന്നും/ഏജൻസികളിൽ നിന്നും കുടുംബ / ടെൻഡർ ക്ഷണിക്കുന്നു

കുടുംബ/ടെൻഡറുകൾ സമർപ്പിക്കേണ്ട സമയപരിധി 30.04.2022 വൈകുന്നേരം 4 മണി വരെ. വിശദ വിവരങ്ങൾക്ക് പ്രവർത്തി ദിവസങ്ങളിൽ രാവിലെ 9 മണി മുതൽ 4 മണിവരെ ഓഫീസിൽ നേരിട്ടോ 0471-2559388 (Extension No. 326/327) എന്ന ഫോൺ നമ്പരിലോ ബന്ധപ്പെടുക. (Specifications ഓഫീസിൽ ലഭ്യമാണ്)

ഡോ. പി.കെ ജബ്ബാർ

ഡയറക്ടർ & ചീഫ് എക്സിക്യൂട്ടീവ് ഓഫീസർ