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Tender Inviting Authority: Chairperson, I-CDC

Name of Work: Electrical work of Atal Inqubation Centre at IPR, Bhat, Gandhinagar.

Contract No: IPR/TN/ELEC/01/2024 dated 22/04/2024

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE
(DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

"Note:-

1. For detailed Specification, Contractor has to refer and follow Specifications available in tender document, including material, workmanship, equipment's, IS code etc.
2. All the items are including scaffolding, curing, for all leads and lifts etc.
3. In case of non-availability of detailed specification, Specification of the same shall be executed as per clauses mentioned in GCC and / or as directed by Engineer-In-Charge, whose decision shall be final. No extra shall be payable for execution of items as mentioned in Schedule of Quantities as a result of adopting detailed specification or India Standard of relevant or Other Standards thereon.
4. All respective items should be as per the approved make / brands / list attached in Tender document"

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	RATE In Figures To be entered by the Bidder in Rs. P including GST & all taxes	TOTAL AMOUNT Including GST & all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	14	15

1.0	<p>SITC of LT CABLES - Aluminum/copper Conductor, XLPE Insulated, Armoured Cables of following Specifications & sizes : Supply, Laying, Installation, Testing and Commissioning of 1.1 KV grade, 2C/3C/3.5C/4C, XLPE insulated of following sizes. The cable shall be laid in existing hume pipe below ground level or on wall / ceiling with clamps, or through RCC Hume Pipes / Ducts / sleeves / pipes / holes / cable trenches etc complete as required, but excluding the cost of excavation/back-filling and Cable Trays.</p> <p>The scope also includes making necessary holes in walls / ceilings / floors etc as required.</p> <p>Cable tag shall be provided and fixed on the cable at bothe the end of cable or as required</p>	1.0					
2.0	3.5 Core x 25 Sq. mm Al. Arm. Cable	1.1	200.00	RMT		0.00	INR Zero Only
3.0	<p>END TERMINATION OF LT CABLES: Supply, Installation, Testing and Commissioning(SITC) of End Connection and Termination of cable, 2/3/3.5/4 core, 1.1 KV grade, FRLS, PVC / XLPE insulated, armoured / Un-armoured, Copper / Aluminium conductor cables, including supply of whether proof Double compression brass cable glands for outdoor and single compression brass cable glands for indoor, Lugs, neoprene bushes, insulation tapes and other materials of approved make and tools as required complete with terminal connections, earthing of glands as required to complete the work in all resprct and as directed by Engineer - in - Charge.</p>	2.0					
4.0	25/35 Sq. mm	2.1	10.00	Nos.		0.00	INR Zero Only
5.0	Fabrication	3.0					
6.0	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 Engineer-in-Charge.	3.1	100.00	Kg		0.00	INR Zero Only

7.0	ETPN/VTPN MCB Distribution Board: SITC of following ETPN PPI Double Door, DBs, 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.	4.0					
8.0	SITC of TPN MCB DB as per Item no. 4.0 above, suitable for 16 Amp/ 32 Amp/ 63 Amp FP MCB as incoming control and 12 ways / phase - 6/10/16/20//25/32 Amp SP/ DP/ TP/ FP MCBs as out going.	4.0.1	4.00	Nos.		0.00	INR Zero Only
9.0	MCB,RCCB, MCCB: SITC of MCB, 10 KA breaking capacity with Overload and Short Circuit protection, as per IS/IEC 60898 B/C curve of specified ratings. The MCBs are to be installed in the DBs/Enclosure, including necessary connections/terminations, but excluding the DBs / Enclosures.	4.1					
10.0	SITC of Single Pole(SP) MCBs of capacity 6A /10A / 16A / 20A / 25A / 32A	4.1.1	120.00	Nos.		0.00	INR Zero Only
11.0	SITC of Four Pole(FP) MCBs of capacity 40 A / 50A / 63A.	4.1.2	4.00	Nos.		0.00	INR Zero Only
12.0	SITC of 2 Pole Residual Current Operated Circuit Breaker RCCB/ELCB: Supply, Installation, Testing and Commissioning (SITC) of 2 Pole, Residual Current Operated Circuit breaker(RCCB)/ Earth Leakage Circuit Breaker (ELCB), rated for 230V, 50 HZ, single phase, AC Supply, Residual current device type, with trip free mechanism, terminals suitable for aluminium/copper cable termination, terminal covers, entry terminals, test buttons and positive contact indication of specified leakage current tripping sensitivities and operating time less than 30 milli-sec. The RCCB shall be ISI marked - IS 12640 with latest amendments. complete as required. The RCCB is to be installed in the DBs / Enclosure, including necessary connections / terminations, but excluding the DBs / Enclosures.Type of RCCB/ELCB shall be Type A (AC - Duty) as per IS:12640 Part-1)	4.2					
13.0	SITC of RCCB/ELCB rated for 40 Amp. Two Pole, 100mA sensitivity.	4.2.1	6.00	Nos.		0.00	INR Zero Only
14.0	SITC of RCCB/ELCB rated for 63 Amp. Two Pole, 100mA sensitivity.	4.2.2	6.00	Nos.		0.00	INR Zero Only

15.0	<p>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 & accessories, junction boxes, Hardwares, saddles & 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 & commissioning complete as per Instruction & Direction of Engineer-in-Charge or his authorized representative/s. Further, the scope for unit rate of each item of Point Wiring also includes,</p> <p>Supply & Laying of 25mm wide (inner), MMS, Electrical grade, ISI marked PVC Conduits/casing capping 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 & directed by Engineer-in-Charge or his authorized representative/s.</p> <p>Supply & Wiring with 1100 volt grade ISI marked PVC - FRLS insulated (IS 694 with latest amendments) wires having flexible (multi strands) copper conductors.</p>	5.0					
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16.0	<p>Supply & installation of modular type, ISI marked Switches, ISI marked (IS-1293) Sockets, MS/PVC Box with its necessary accessories, including connectors, brass chromium/cadmium plated screws, complete as required to complete the work.</p> <p>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. Zurry shall be made by cutter only as per required size with good workmanship.</p> <p>All the wiring & conduiting, from Distribution Boards to Switch boxes for Circuit Mains, form Switch boxes to switch boxes for Sub Circuit Mains, and from Switchboard to outlet Light/Fan/Power Points etc complete as required.</p> <p>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.</p> <p>(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.</p> <p>(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.</p>	5.0.a					
17.0	<p>(C) For 6/16A Socket Points : From Distribution Board to Outlet Point : 2.5 Sq.mm flexible Cu wires for Phase / Off, Neutral, and 1.5 Sq.mm. Flexible Cu. Wires for Earth, 3 nos. separate wires for each point.</p> <p>(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.</p> <p>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.</p> <p>rates of power points wiring items is inclusive of necessary power circuit from the DB to the power socket.</p>	5.0.b					
18.0	<p>Primary Point: Point Wiring for Primary Point complete as per Item No. 5.00 above with 6A Modular switch for control and as directed by Engineer in Charge or his representative.</p>	5.1	20.00	Nos.		0.00	INR Zero Only

19.0	Secondary point wiring: Point Wiring for Secondary Point, looped from the adjacent primary points complete as per Item No. 5.0 above, but without switch and as directed by Engineer in Charge or his representative.	5.2	20.00	Nos.		0.00	INR Zero Only
20.0	6A plug point on switch board: Point Wiring complete as per item No. 5.00 above, but for 6A one-way Modular type Switch and 6A, 5 pin Socket, installed in and wired from the Lighting Switch Board.	5.3	60.00	Nos.		0.00	INR Zero Only
21.0	1 Nos. 6A Switch socket plug point at Separate Location: Point Wiring complete as per item No. 5.00 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.	5.4	10.00	Nos.		0.00	INR Zero Only
22.0	2 Nos. 6A Switch socket plug point: Point Wiring complete as per item No. 5.00 above but for 2 Nos. 6A modular switches, 5 pin Socket including cover plate, suitable size PVC box etc. complete in all respect as directed by Engineer in Charge or his representative.	5.5	45.00	Nos.		0.00	INR Zero Only
23.0	1 Nos. 6A & 1 Nos. 16A Switch socket combined plug point: Point Wiring complete as per item No. 5.00 above but for modular 1 Nos. 16 A and 1 Nos. 6A, 5 pin Socket including cover plate, suitable size MS box etc. complete in all respect as directed by Engineer in Charge or his representative.	5.6	20.00	Nos.		0.00	INR Zero Only
24.0	16A plug point (For Special purpose): Point Wiring complete as per item No. 5.00 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.	5.7	12.00	Nos.		0.00	INR Zero Only
25.0	Light fixtures Accessories and Fans	6.0					
26.0	Supply, assemble, installation, connection, testing and commissioning of 20W four feet batten type LED light fixture, surface mounted, connection with flexible copper conductor wire, Earthing Connection to each fittings & fixtures, necessary hardware etc. as directed by Engineer-in-Charge or his representative.	6.1	10.00	Nos.		0.00	INR Zero Only
27.0	Supply, assemble, installation, connection, testing and commissioning of 40W four feet batten type LED light fixture, surface mounted, connection with flexible copper conductor wire, Earthing Connection to each fittings & fixtures, necessary hardware etc. as directed by Engineer-in-Charge or his representative.	6.2	50.00	Nos.		0.00	INR Zero Only
28.0	Cable Management: Supply and laying of PVC cable management system consisting of 100X50 mm snap-fit lids with 50mm deep cable divider and allied accessories such as internal tees, external tees, flat tees etc. Scope of work also including supply of all fixing accessories to complete the work in all manner as directed by Engineer-in-Charge or his representative.	7.0	200.00	Rmt		0.00	INR Zero Only

29.0	SITC of Copper Earthing Wires / Cables : Supply and laying of ETP grade as per IS:191 10SWG copper wire of following sizes including supply and fixing of clamps and accessories when laid inside the building and inclusive of excavation and refilling of earth when laid out side the building, terminations / interconnections in an approved manner as per the IS 3043 (with latest amendment) inclusive of supply of all hardware complete as required, and as instructed & directed by Engineer-in-Charge.	8.0	400.00	Rmt		0.00	INR Zero Only
30.0	Telephone wiring: Supply and wiring for telephone point with supply and drawing of 2 pair 0.5mm dia PVC insulated annealed and tinned copper conductor unarmured telephone cable in race way in ceiling or wall including supply and fixing of modular RJ-11 telephone socket in a suitable size metal sheet flush box suitable for modular socket and covered with modular switch plates concealed in all including all fixing materials as instructed & directed by Engineer-in-Charge.	9.0	10.00	Nos.		0.00	INR Zero Only
31.0	Cabling: Supply and laying of Jelly filled telephone cables, solid annealed copper, polythene insulated, petroleum jelly filled with poly laminated moisture barrier, polythene sheathed, GS tape armoured polthene kacketed telephone cables of 0.5 mm of 10 pair telephone cable with all required fixing accessories complete in all respect as directed by Engineer-in-Charge.	9.1	50.00	RMT		0.00	INR Zero Only
32.0	Tag Blocks: Supply & fixing of 10 pair tagblock with KRONE with fabricated CRCA powder coated junction box of size 120x170x100 with two no. of pad-lock.	9.2	1.00	Nos.		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words	INR Zero Only						