

Premises & Estate Section, Circle Office Pune,
Canara Bank Building, FP 790 (Part), Near Mangala Theatre,
Shivaji Road, Shivaji Nagar, Pune, Maharashtra. PIN - 411005.
Phone : 020 - 25530622; Email : pecopne@canarabank.com; Website: www.canarabank.com

Document Ref. No.: PUCO/TNDR/ELE/01/8355/2025-26 Dtd. 05.08.2025

BOQ FOR ELECTRICAL WORKS IN ALTERNATE PREMISES FOR REGIONAL OFFICE PUNE-I AT:

4TH DIMENSION BUILDING, 3RD FLOOR, ERANDAVANA, PUNE, MAHARASHTRA

S. NO.	DESCRIPTION OF ITEM	UOM	QTY	RATE (₹) (Excl. GST)	AMOUNT (₹) (Excl. GST)
1	MAIN INCOMER				
1.1.	SITC of 250 Amp TPN MCCB WITH SHUNT TRIP MECHANISM WITH METAL BOX ENCLOSURE, with 250 Amp neutral link on MOUNRING PLATE, for main supply isolation near meter, complete with connections.	Nos.	1.00		
1.2.	P/f NO Switch for tripping main incomer mccb using shunt trip mechanism along with 2 x 2.5 Sqmm Cu multistrand wire complete with metallic case	Nos.	1.00		
2	Points & Wiring				
2.1.	Lights Points				
	Wiring For Light Point/ Fan Point/ Wall Fan Point/ Exhaust Fan/ Light Sockets Etc. With 1.5 Sq.Mm. Pvc Insulated 1100 V Grade Copper Conductor (Frls) Wires & 1.5 Sq.Mm. Copper Earth Wire In Concealed/ Surface Using 16 Swg Ms Conduits, Accessories Such As Bends, Tees, Saddles, Draw Boxes, Mounting Boxes, Inner Plates, Cover Plates, Ceiling Rose Etc. (Wherever Required) And Chromium Plates Brass Screws/ Rowel Plug Etc. The Circuit Wiring Starting From Db To Point Control Box/ Switch Box Using 2 X 2.5 Sq.Mm Pvc Insulated 1100 V Grade Multistranded Copper Conductor Wire & 2.5 Sq.Mm. Pvc Insulated Earth Wire (Color Code To Be Used). (Flexible Conduit/ Elbow Not Allowed). The Conduit To Be Laid In Ceiling With Proper Clamps/ Wall/ Floor And Filling The Chase With Cement Mortar And Finishing The Same In Original Form/ Wooden Partition/ Above False Ceiling With Proper Clamps Etc. All Complete.				
	(Wherever Required As Per Standard Specifications).				
	i) Each Circuit Shall Have Independent Earth Wire.				
	ii) Each Point Shall Be Earthed.				
	iii) Circuit Wiring Is To Be Included In Point Wiring Rates.				
2.1.1.	Primary Points Controlled By One 6 Amp. Modular Switch.	Nos.	60.00		
2.1.2.	Inverter points:- same as above but with grey colour wire	Nos.	40.00		
2.1.3.	Secondary Light Points Controlled By One 6 Amp. Modular Switch. (Inverter / Direct Power supply)	Nos.	35.00		
2.1.4.	One Call Bell Point With Ceiling Rose/ 6Amp. 3 Pin Socket Controlled By One 6 Amp. Push Modular Switch. With Call Bell	Nos.	5.00		
2.1.5.	One Wall Fan/ Exhaust Fan Point With 6 Amp 3Pin Socket Controlled By One 6 Amp. Modular Switch. The Switch Should Be At Switchboard Level.	Nos.	24.00		
2.1.6.	One Ceiling Fan Point With 120W Electronic Regulator	Nos.	8.00		
2.1.7.	One 5 Pin Socket Controlled By One 6 Amp. Modular Switch Complete Assembly Includes Plate Box Etc. Dependent (Raw Points)	Nos.	20.00		
2.2	Power points				
	Same As Serial No.1, But Wiring For 16 Amp, 6-Pin Sockets By Using 2*4 Sq.Mm. Pvc Insulated 1100 V Grade Copper Conductor Wire With Independent 1*4 Sq.Mm Earth Wire From D.B. To First Point 1St Socket And 1St To 2Nd, Socket With 2*2.5 Sq.Mm And 1*2.5 Earth Wire Including Providing And Fixing Of 16 Amp, 6 -Pin Socket With 16 Amp. Switch. (Modular Type Switch/ Socket/ Plate Etc. Complete Assembly) Max 2 Points Per Circuit.				
2.2.1.	Primary Point	Nos.	16.00		
2.2.2.	Secondary Point	Nos.	10.00		

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S. NO.	DESCRIPTION OF ITEM	UOM	QTY	RATE (₹) (Excl. GST)	AMOUNT (₹) (Excl. GST)
2.3	Ac Points For Indoor & Outdoor Units (For System Indoor Units)	Nos.	20.00		
	Same As Serial No.1, But Wiring For A/C Socket By Using 2*4 Sq.Mm. Pvc Insulated 1100 V Grade Copper Conductor Wire And Earthing With 1*2.5 Sq.Mm. Pvc Insulated 1100 V Grade Copper Conductor Wire With Modular Type Ac Box (Tiny Trip Type) With Socket Complete In All Respects Controlled By 6/10/16 Amp Sp Mcb To Be Provided Near Indoor Unit. The Point Starts From Db To The Point Near The Indoor Unit Including Top.				
2.4	UPS Points				
	Wiring With 2X2.5 Sq.Mm. + 1X2.5 Sq.Mm. Pvc Insulated 1100 V Grade Multi Stranded Copper Conductor Wires In 2 Mm Thick Pvc Conduit From Ups Db To Computer Point. Each Point To Have 2 Nos. 6 Amps. 5 Pin Modular Type Sockets, 1 Nos. 16 Amps. 5 Pin Modular Type Sockets, One 16 Amps Modular Switch With All Accessories, Inner/ Outer Plates, Metal Box Etc. And To Be Fixed On Wooden Partitions/ By Grouting On Wall Etc. As Per Requirement At Site. The Switch Should Be Fixed Above The Top Of Counter With Indicator And Sockets Under The Counter.				
	B) Secondary Point: Same As Above But Looped From The Above 1st Point To 2nd (Maximum 2 Points In A Circuit)				
2.4.1.	Primary Points	Nos.	56.00		
2.4.2.	Secondary Points (Same As Above But Looped From The Above Primary Point)	Nos.	20.00		
3	Telephone System				
3.1.	Wiring For Voice From Jack Panel In Data Rack To Computer Workstation With CAT 6 Cable In Pvc Conduits Of Size 20/ 25 Mm Including Providing Ferrules At Both Ends And Termination At Both Ends Including Providing & Fixing Frame For Wire With Shutter, 1 Rj 11 Outlet, Faceplate And Mounting Box Complete Of Modular Type. This Work Includes Supply And Laying Of 2Pair telephone Cable In Pvc Conduits Throughout The Length, From The I/O Hub To The Point.	Nos.	50.00		
3.2.	Supplying, Laying, Effecting Terminations, Testing And Commissioning Of 0.51 Mm X 100 Pair Cu. Conductor, Twisted, Colour Coded With Polythene Capor Barrier, Telephone Cables In The Existing Tray Or In Conduit Including Providing & Fixing Conduit Pipe Or Cable Tray As Required From Building Tag Block To The Floor As Required.	R.Mtr.	100.00		
3.3.	Supplying & Fixing 100 Pair Krone Tag Block With Enclosure.	Nos.	2.00		
3.4.	SITC Panasonic NEC 6X96 cat no 2100 or Equivalent Electronic Modular Switching System Model EPBAX SYSTEM <u>The bidder must provide equipment with a minimum warranty period of 1 year from the date of commissioning. The necessary documents for the warranty must be submittd. The system must have a good service network in the area and software upgrades for the usable life of minimum 10 years.</u>	Nos.	1.00		
4	Computer & Data Networking				
4.1.	Wiring For Computer Networking From Jack Panel In Data Rack To Computer Workstation With Cat-6 Computer Cable In Pvc Conduits Of Size 20/ 25 Mm Including Providing Ferrules At Both Ends And Termination At Both Ends Including Providing & Fixing Frame For Cat-6 With Shutter, Rj 45 Outlet, Faceplate And Mounting Box Complete Of Modular Type, This Work Includes Supply And Laying Of Cat-6 Cable In Pvc Conduits Throughout The Length, From The I/O Hub To The Point.	Nos.	65.00		

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S. NO.	DESCRIPTION OF ITEM	UOM	QTY	RATE (₹) (Excl. GST)	AMOUNT (₹) (Excl. GST)
4.2.	Supplying And Fixing 24 U (Rack With Glass Door, Opening In The	Nos.	1.00		
4.3.	Supply, Installation, Testing & Commissioning Of 24 Port Jack	Nos.	3.00		
4.4.	Supplying And Fixing Patch Cord-2 Meter- (Dbpsmounting Cord)	Nos.	60.00		
4.5.	Supplying And Fixing Patch Cord-1 Meter-	Nos.	60.00		
5	Supply, Drawing, Connecting, Testing And Commissioning Of HDMI CABLE with End Termination	R.Mtr.	50.00		
6	Cables, Mains & Submains				
	Supplying All Materials And Laying/ Pulling 1100 Volts Grade Pvc Insulated Copper Conductor Wires (Frls) In Ms Conduit With All Fixing Accessories After Cutting The Floor, Wall And The Like Etc. And Plastering The Floor Level To Original. Conduit Must Be 30 Mm Below The Floor Finish Level.				
6.1.	2 X 4 Sq.Mm. + 1 X 4 Sq.Mm.	R.Mtr.	175.00		
6.2.	2 X 6 Sq.Mm. + 1 X 6 Sq.Mm.Main Panel To Ac Db	R.Mtr.	50.00		
6.3.	2 X 10 Sq.Mm. + 1 X 6 Sq.Mm. (Entrance door to Ups input)	R.Mtr.	75.00		
6.4.	1 X 10 Sq.Mm. Cu Wire For Earthing. (Ups Input/Output)	R.Mtr.	35.00		
6.5.	Supplying, Laying, Testing & Commissioning Of 4 C X 6 Sq.Mm. At 1100 Volts Grade Pvc Insulated Copper Conductor Armoured Cable With 10 Gauge Earth Copper Wire Including Cables End Termination Using Appropriate Lugs, Glands, Termination Accessories, Clamps Etc. As Required As Per Specification (Light Db).	R.Mtr.	50.00		
6.6.	Supplying, Laying, Testing & Commissioning Of 4 C X 10 Sq.Mm. At 1100 Volts Grade Pvc Insulated Copper Conductor Armoured Cable With 10 Gauge Earth Copper Wire Including Cables End Termination Using Appropriate Lugs, Glands, Termination Accessories, Clamps Etc. As Required As Per Specification (Power + Ac Db).	R.Mtr.	100.00		
6.7.	Supplying, Laying, Testing & Commissioning Of 4 C X 16 Sq.Mm. At 1100 Volts Grade Pvc Insulated Copper Conductor Armoured Cable With 10 Gauge Earth Copper Wire Including Cables End Termination Using Appropriate Lugs, Glands, Termination Accessories, Clamps Etc. As Required As Per Specification (Power + Ac Db).	R.Mtr.	50.00		
6.8.	Supplying, Laying, Testing & Commissioning Of 4 C X 35Sq.Mm. At 1100 Volts Grade Pvc Insulated Copper Conductor Armoured Cable With 10 Gauge Earth Copper Wire Including Cables End Termination Using Appropriate Lugs, Glands, Termination Accessories, Clamps Etc. As Required As Per Specification (+ Ac VRF).	R.Mtr.	75.00		
6.9.	Supplying, Laying, Testing & Commissioning Of 3.5 C X 240Sq.Mm. At 1100 Volts Grade Pvc Insulated Aluminium Conductor Armored Cable With 10 Gauge Earth Copper Wire Including Cables End Termination Using Appropriate Lugs, Glands, Termination Accessories, Clampsetc. As Required As Per Specification. (Mains)	R.Mtr.	100.00		
6.10	Outdoor Type Glow Sign Board Wiring				
6.10.1.	Supply Laying Of Main Line With 2X2.5 + 1X 1.5 Sq.Mm Through Ms Conduit From Main Panel To Glow Sign Board	R.Mtr.	45.00		
6.10.2.	Supply Installation Of 16 Amp. Dp Mcb At Main Entrance Glow Sign Board With Timer Of Reputed Make	Nos.	2.00		

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S. NO.	DESCRIPTION OF ITEM	UOM	QTY	RATE (₹) (Excl. GST)	AMOUNT (₹) (Excl. GST)
7	Distribution Board				
	Supplying, Installing, Testing & Commissioning Of Surface/Recessed Mountings, Double Door 415 Volts Tpn Mcb Distribution Board Of Steel, 1.6 Mm Thick Dust Phosphatized And Painted, Inclusive Of 100 Amps, Tinned Copper Bus Bars, Earth Bar, Common Neutral Link, Din Bar For Mounting Of Mcb'S Detachable Gland / Knock Out Plate & With Built In Loose Wire Box, And Superior Make Terminal Connectors For All Incoming And Outgoing Circuits Duly Prewired With Adequate Size Of Pvc Insulated Copper Wires Between The Bus Bars And The Mcb'S As Well As The Incomer And Upto The Terminal Connectors/ Neutral Link And Ready For Installation Of Following Ways As Required.				
	Use 'B' Curve Mcb'S For Lighting & Small Power Circuits, 'C' Curve For Motor Duty I.E. For Pumps, Ac Motors, Window And Split Ac'S Etc. & 'D' Curve For Ups Db'S I.E. For Computers/ Pc'S Circuit. Main Incomer & Outgoing Circuit Mcb'S Shall Be Selected Accordingly I.E. Type B,C & D. Contractor To Select The Mcb'S Accordingly As Per The Nature Of The Circuit/ Load.				
	Each Db Shall Have Separate Neutral Links Of Rating Not Less Than 100A For Each Phase. The Main Incoming Neutral Link Shall Be In Addition To Three Outgoing Neutral Links And Shall Be Of 125 A.				
	Ups Db'S Shall Have A Dedicated Earthing Link Fixed On Insulated Supports, Which Will Be In Addition To Body Earth Link.				
	All Internal Inter Connecting Wiring With In The Db'S Shall Be Pvc Insulated Flexible Copper Conductor Wires Of Adequate Capacity As Per The Current Rating.				
	Inside Each Db, A Db Chart Is To Be Fixed.				
7.1.	VTPN DB1 - AC DB (Non-Essential Load)				
7.1.i)	4 way VTPN - MCCB DB,	Nos.	1.00		
7.1.ii)	415V 125Amp. 4P MCCB (16 KA breaking capacity) Incomer	Nos.	1.00		
7.1.iii)	63A - TP MCB outgoing (For 2 outdoor units and 2 for indoor units distribution)	Nos.	4.00		
7.2.	VTPN DB2 (Essential Load)				
7.2.i)	4 way VTPN - MCCB DB,	Nos.	1.00		
7.2.ii)	415V 100Amp. 4P MCCB (16 KA breaking capacity) Incomer	Nos.	1.00		
7.2.iii)	63A - TP MCB outgoing (For UPS Input)	Nos.	1.00		
7.2.iv)	40A - TP MCB outgoing (For Inverter Input)	Nos.	1.00		
7.2.v)	25A - TP MCB outgoing (For Glow Sign Board & Outside Lighting)	Nos.	1.00		
7.2.vi)	Blanking Plate	Nos.	1.00		
7.3.	6-Way Tpn Db (Light Db)				
	Note: The DBs must be with Per Phase Isolation for separate Neutral links for each phase				
7.3.i)	6 way TP - MCB DB,	Nos.	2.00		
7.3.ii)	32 A - 4P MCB, as incomer	Nos.	2.00		
7.3.iii)	25 A - DP 30mA RCCB, as sub-incomer	Nos.	3.00		
7.3.iv)	10 A - SP MCB outgoing	Nos.	12.00		
7.4.	6-Way Tpn Db (Raw Power Db)				
7.4.i)	6 way TP - MCB DB,	Nos.	1.00		
7.4.ii)	40 A - 4P MCB, as incomer	Nos.	1.00		

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7.4.iii)	10 A - SP MCB outgoing	Nos.	18.00		
7.5.	SITC Branch UPS Sub Main DB				
7.5.i)	4 way SPN - MCB DB, □	Nos.	1.00		
7.5.ii)	63 A - DP MCB as incomer	Nos.	1.00		
7.5.iii)	25 A - SP MCB outgoing, (for UPS Output DB 1) Essential Load	Nos.	1.00		
7.5.iv)	40 A - SP MCB outgoing, (for UPS Output DB 2) Non Essential Load	Nos.	1.00		
7.6.	SITC Branch UPS Output DB 1 (Essential Load)				
7.6.i)	12 way SPN - MCB DB, □	Nos.	1.00		
7.6.ii)	20 A - DP MCB as incomer	Nos.	1.00		
7.6.iii)	6-10 A - SP MCB outgoing, (for CCTV's DVR)	Nos.	2.00		
7.6.iv)	10 A - SP MCB outgoing, (for Data Network rack)	Nos.	2.00		
7.6.v)	6 A - SP MCB outgoing, (for Fire Alarm System)	Nos.	1.00		
7.6.vi)	6 A - SP MCB outgoing, (Spare Feeder)	Nos.	1.00		
7.6.vii)	Blanking plates □	Nos.	4.00		
7.7.	SITC Branch UPS Non Essential Load Distribution DB				
7.7.i)	8 way SPN - MCB DB, □	Nos.	1.00		
7.7.ii)	40 A - DP MCB as incomer	Nos.	1.00		
7.7.iii)	25 A - SP MCB outgoing, (for UPS Output DB 1) Essential Load	Nos.	4.00		
7.7.iv)	Blanking plates □	Nos.	2.00		
7.8.	SITC Branch UPS Output DB 2 (Non - Essential Load)				
7.8.i)	16 way SPN - MCB DB,	Nos.	4.00		
7.8.ii)	25 A - DP MCB as incomer	Nos.	4.00		
7.8.iii)	6-10 A - SP MCB outgoing, for Computer Power Points on Tables, Counters, Work Stations & all points other than Essential Load Points.	Nos.	56.00		
7.9.	SITC INVERTER Lighting DB				
7.9.i)	16 way SPN - MCB DB,	Nos.	2.00		
7.9.ii)	32 A - DP MCB as incomer	Nos.	2.00		
7.9.iii)	6/10A - SP MCB outgoing	Nos.	28.00		
7.10.	4-Way Tpn Db (AC Indoor Distribution Db)				
7.10.i)	4 way TP - MCB DB,	Nos.	2.00		
7.10.ii)	32 A - 4P MCB, as incomer	Nos.	2.00		
7.10.iii)	6 A - SP MCB outgoing	Nos.	20.00		
7.10.iv)	Blanking plates □	Nos.	4.00		
7.11.	SITC 4 way - MCB with Box				
7.11.i)	Sheet steel Enclosure Box 4Way SP MC Box	Nos.	5.00		
7.11.ii)	63A - TP MCB outgoing (For UPS Input, VRF AC ODUs)	Nos.	3.00		
7.11.iii)	40A - TP MCB outgoing (For Inverter Input)	Nos.	1.00		
7.11.iv)	25A - TP MCB outgoing (For Glow Sign Board & Outside Lighting)	Nos.	1.00		
7.12.	SITC INVERTER Lighting DB				
7.12.i)	4 way SPN - MCB DB,	Nos.	2.00		
7.12.ii)	40 A - DP MCB as incomer	Nos.	2.00		

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7.12.iii)	6/10A - SP MCB outgoing	Nos.	28.00		
7.13.	SITC 2 way - MCB with Box, <u>for switching OFF Non-Essential Branch UPS output & Inverter Lighting Output (TO BE LOCATED NEAR THE ENTRANCE OF BRANCH NEXT TO VTPN DBs)</u>				
7.13.i)	Steel sheet Enclosure Box for DP MCB	Nos.	2.00		
7.13.ii)	40 A - DP MCB(UPS)	Nos.	1.00		
7.13.ii)	32 A - SP MCB(Inverter)	Nos.	2.00		
8	63A Rotary Phase Selector Switch	Nos.	2.00		
	SITC of 63A Rotary Phase Selector Switch in encloser (For Inverter & UPS Input)				
9	Fittings & Fixtures				
9.1.	Light Fittings and Accessories				
	Supplying, Installation With Hanging Support, Testing And Commissioning Of Following Light Fixtures With Electronic Ballasts, Tubes, Lamps, All Fixing Materials Including Connecting Wires Etc. All Complete As Per The Directions Of Engineer-In- Charge (All Led Light Fixtures Should Be Covered With Minimum 3 Years Onsite Replacement Warranty).				
9.1.1.	Led 18 W / 9W Tube 4'-0" / 2'-0" As Specified (PHILLIPS/WIPRO/HYBEC) Document Or Approved By Bank/Architect.	Nos.	20.00		
9.1.2.	Full Glow 2 X 2 Led 36/40 W Slim Smart Panel Of Make As Specified In Tender Document Or Approved By Bank/Architect. PHILLIPS/WIPRO/HYBEC)	Nos.	60.00		
9.1.3.	Supplying, Fixing, Testing And Commissioning Of 15 W Led Commercial Type Down Lighter PHILLIPS/WIPRO/HYBEC)	Nos.	30.00		
9.1.4.	Led Strip For Cove Lighting 15 W Per 5 M With Driver And Necessary Installation Fittings Led Strip Light (5 Mtr.) Make As Specified In Tender Document Or Approved By Bank/Architect. (Yellow And Blue)	R.Mtr.	25.00		
9.1.5.	HYBEC Make circular lights at entrance	Nos.	3.00		
9.1.6.	Spot light of 5x halogen lamp on track	Nos.	6.00		
9.1.7.	Profile light: P/f Profile light having LED Strip with cover for various areas for Cove Lighting inclusive of one driver for every 3& 5.0 Mtrs or Part there off.	R.Mtr.	45.00		
9.1.8.	Designer LED FITTINGS with Canara Bank Logo. Size @1500x1500mm	Nos.	1.00		
9.2	Fan Fittings and Accessories				
9.2.1.	Supply, Installation, Testing And Commissioning Of Following Ceiling Fans With All Fixing Materials Like White Polycarbonate 2 Mm Hylem Sheet Cover, Down Rods, Fan Box As Required Etc. All Complete As Per The Directions Of Engineer-In-Charge.	Nos.	7.00		
9.2.2.	Wall Mounted Fans 400 Mm Dia. Metal body Make As Specified In Tender Document Or Approved By Concerned Office In Charge.	Nos.	20.00		
9.2.3.	Supply & Fixing Of 230 Mm Exhaust Fan 'Ventilair Dx W' With Self-Closing Louvers And Metal Body With All Accessories Etc. Complete Of Make As Specified In Tender Document Or Approved By Concerned Office In Charge.	Nos.	5.00		
10	Earthing System				

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10.1.	Supply, Installation, Testing And Commissioning Of Maintenance Free Earthing System Made Up Of Copperbonded Rod Of 10 Feet Length,23 Mm Dia. (Minimum Copper Bonding Shall Be 0.25Mm) Along With Rod-Toconductor Connectors, Earth Enhancement Material, Pit Cover And Other Accessories As Required And As Per Specification And Other Applicable Codes (Include Chamber For Earthing, Earthing Certificate To Be Submitted Along With The Bill).	Nos	5.00		
10.2.	Providing And Fixing Of Copper/ GI Strips In Surface Or In Recess For Loop Earthing Etc. As Required.				
10.2.1.	25 Mm X 3 Mm Copper Strip In B-Class Gi Pipe	R.Mtr.	150.00		
10.2.2.	25 Mm X 5 Mm Gi Strip	R.Mtr.	150.00		
10.3.	Providing And Fixing 1 X 6 Swg Dia. Cu Earth Wire In Pvc Conduit On Surface Or In Recess For Loop Earthing Along With The Existing Surface/ Recess Cable As Required.	R.Mtr.	60.00		
10.4.	S & I of Main bus for isolated earth comprising of 200mm x 40mm x 6mm thick copper bar fixed on insulated support and having 20 nos of holes and nut bolts studs for clamping the earth leads,all contained in MS/PVCbox of size 300mm x 200mm x 50mm deep and having transparent acrylic cover as approved by Bank / Architect.	Nos.	1.00		
11	MAIN PANEL & METER BOARD	Nos.	1.00		
	Designing, Fabrication, Supply, Installation, Testing And As Per The Following Specifications, (Part Iv - Substation) And Is:				
	All Live Accessible Parts Shall Be Shrouded And All Equipment Suitable Arrangement Shall Be Made For Termination Of Multiple				
	All Ka Values Indicated Shall Be Ics Breaking Capacity				
	Ga Drawings Shall Be Got Approved By Concerned Office In Charge.				
	A Floor Panel Shall Consists Of :-				
	Incomer				
	1 No. 250A 4Pole MCCB				
	B Busbars				
	2 sets 350 Amps Tpn Pole Copper Bus Bar Chamber Of Suitable Length With				
	C Indicating Panel				
	Digital Flush Type Class-1.0 Accuracy Multifunction Meter				
	Red/Green/Amber On/ Off/ Trip Indicating Lamps With 2A Sp				
	1 Set Of Three Phase Indicating Lamps Along With 2A Sp Mcb				
	Restricted Earth Fault Relay With 3 Nos. Current Transformers Of (Numeric Relay Not Required.)				
	Under Voltage, Overvoltage & Phase Reversal Relay For				
	D Outgoings:-				
	1 Nos 100 A 4 Pole Mccb (25 Ka) adjustable Load Type Terminals Suitable To Receive Cable (Essential Load Main Outgoing)				
	1 Nos 160 A 4 Pole Mccb (25 Ka) adjustable Load Type Terminals Suitable To Receive Cable (Non-Essential Load Main Outgoing)				
	1 Nos 125 A Tpn Mccb (16 Ka) Terminals Suitable To Receive Cable (Non-Essential Load) - To be powered from the 160A MCCB above				
	3 Nos 63 A Tpn Mccb (16 Ka) Terminals Suitable To Receive Cable (Non-Essential Load) - To be powered from the 160A MCCB above				
	The Electrical Panel As Described Above And Specifications				

Premises & Estate Section, Circle Office Pune,
Canara Bank Building, FP 790 (Part), Near Mangala Theatre,
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Document Ref. No.: PUCO/TNDR/ELE/01/8355/2025-26 Dtd. 05.08.2025

BOQ FOR ELECTRICAL WORKS IN ALTERNATE PREMISES FOR REGIONAL OFFICE PUNE-I AT:

4TH DIMENSION BUILDING, 3RD FLOOR, ERANDAVANA, PUNE, MAHARASHTRA

S. NO.	DESCRIPTION OF ITEM	UOM	QTY	RATE (₹) (Excl. GST)	AMOUNT (₹) (Excl. GST)
	NOTE: 2 SEPARATE BUS BARS (250A) MUST BE PROVIDED FOR ESSENTIAL LOAD AND NON ESSENTIAL LOAD MCCBs				
12	INDICATOR LAMPS				
12.1.	Indicator Lights point (for Non-Essential Load MCCB in Main Panel) - To be placed near Main Entrance Door	Nos.	1.00		
	Providing and fixing R-Y-B Indicator LED Light Assembly concealed in display boxing along with Point Wiring to be done with 4C 1.5 Sq.mm. PVC insulated multistanded FRLS Grade flexible copper Cable drawn through Heavy gauge PVC conduit from Respective DB / MCCB. The route of the indicator wiring to be as under:				
	4C 1.5 Sq.mm. cable looped from Output side of MCCB of Main Panel VTPN DB1 (1.3.1. - (ii)) TO R-Y-B Indicator Lamp Near Entrance				
	R-Y-B Colour Indicator Lamps for Non-Essential Power VTPN DB				
	The indicators must be placed next to the main entrance at a suitable location so that they are visible through any one of the branch's CCTV Cameras				
	The looping of the cable must be done carefully using proper lugs and must be fastened rigidly to avoid faults				
12.2.	Indicator Lights point (for Non-Essential UPS Output Load & Inverter Lighting Load) - To be placed near Main Entrance Door	Nos.	2.00		
	Providing and fixing Single Indicator LED Light of mentioned colour concealed in display boxing along with Point Wiring to be done with 2C 1.5 Sq.mm. PVC insulated multistanded FRLS Grade flexible copper Cable drawn through Heavy gauge PVC conduit from Respective DB / MCCB. The route of the indicator wiring to be as under:				
	1. 2C 1.5 Sq.mm. cable looped from Output side of DPMCB1 of MB Box near branch entrance (3.a. - (ii)) to R-Led Indicator 2. 2C 1.5 Sq.mm. cable looped from Output side of DPMCB2 of MB Box near branch entrance (3.a. - (ii)) to B-Led Indicator				
	R-Indicator LED Light Assembly concealed in display boxing for Non Essential Branch UPS Output				
	B-Indicator LED Light Assembly concealed in display boxing for Inverter Lighting Output				
	Red Colour Indicator lamp for Non-Essential UPS Output				
	Blue Colour Indicator lamp for Inverter Lighting Output				
	The looping of the cable must be done carefully using proper lugs and must be fastened rigidly to avoid faults				
				TOTAL (₹) (Excluding G.S.T.)	
				G.S.T. @ _____%	
				GRAND TOTAL (₹) (Including G.S.T.)	