



बैंक ऑफ बड़ौदा **Bank of Baroda**

Notice for invitation of tender for Electrical & Data Cabling Work in **BOB Baridih Branch & ATM Jamshedpur Region.**

Bank of Baroda invites sealed Quotation from our **Empaneled Contractor in BOB Jamshedpur region** for Electrical & Data cabling Work of **BOB Baridih Branch & ATM.**

Super scribing of Financial bid on envelope for the Electrical & Data cabling Work in **BOB Baridih branch & ATM** envelope should reach at the following address on or before **26<sup>th</sup> Jun 2024 till 2:00 PM**

**The Regional Manager  
Regional office Bank of Baroda Jamshedpur  
Baroda Surya Bhawan  
Main Road, Bistupur  
Jamshedpur-831001  
Jharkhand**

- **Estimated Cost:- Rs.4,12,000/-(Four lacs ,Twelve thousand rupees only).**

Bank of Baroda,  
Jamshedpur Region,  
Baroda Surya Bhawan,  
Main Road Bistupur  
Jamshedpur-831001  
0657-2249410, Fax-0657-2249297



**APPENDIX TO FORM OF OFFER-(ANNEXURE-1)**

<b>Sl. No.</b>	<b>Description of work</b>	<b>ELECTRICAL &amp; DATA CABLING WORK IN BOB BARIDIH BRANCH &amp; ATM.</b>
1	Name of EMPLOYER	M/s BANK OF BARODA
2	Time allowed for start of work after receiving work order	Within 07 Days
3	Cost of Tender Document	Nil
4	Last date and time of receipt of Quotation	On or before 2:00 pm. on 26/06/2024
5	Date and time of opening of Quotation	Financial bid 4:00 pm on 26/06/2024
6	Estimated Cost	Rs. 4,12,000/-(Four lacs ,Twelve thousand rupees only).
7	Earnest Money	Rs. 4,100/-(Four thousand on hundred rupees only) by D.D valid for 3 months
8	Validity of Quotation	15 days from the date of Opening / as may be extended
9	Retention Money	8% of gross value of work in Running bills to a maximum of Balance Security deposit
10	Period of Commencement	30 days from the date of work order or the date of possession of site, whichever is later
11	Amount of liquidated damages for delay	0.5% of the Contract value per week subject to maximum of 10% of contract value.
12	Defects liability period	12 months
13	Interim bill	No Interim bill for this project
14	Minimum Gross Amount of Interim Bill	NA
15	Period of certification of interim bills Bank' Engineer / PMC's Certificate Architect Certificate	NA
16	Time within which payment to be made after certificate.	15 working days from the date of receipt of Architect's Certificate.
17	Performance Guarantee (Bank Guarantee)	Not Applicable
18	Release of Total Security Deposit (EMD, ISD & Retention Money)	50% of the Total Security Deposit (EMD, ISD& Retention Money) shall be refunded to the contractor on": i) Issue of Virtual Completion Certificate by the Architects on recommendations by PMC / Banks Engineer ii) Contractor's removal of his materials, equipment, labour force, temporary sheds/ stores etc. from the site, (excepting for a small presence required if any for the Defect Liability Period and approved by the Bank.) iii) The remaining 50% of the amount shall be refunded 14(fourteen) days after the end of defects liability period provided he has satisfactorily carried out all the works and attended to all defects in accordance with the conditions of the contract, including site clearance.

**BOQ FOR ELECTRICAL & DATA CABLING WORK IN BOB BARIDIH BRANCH & ATM**

<b>Section I (Electrical work)</b>					
<b>SL No</b>	<b>Description of work</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
E1	Providing & laying 3.5 core 25 Sqmm Copper Armoured Cable wire from Meter Panel to Cutt off switch , Cutt off switch to light DB & AC DB	RM	15.00		
E2	Concealed/Surface circuit wiring in 16/25mm pvc conduit (2mm Th) for light /ceiling fan/exhaust fan/ wall bracket fan & neonsign light with (2x2.5+1x1.5) Sq mm FR PVC insulated copper wire make phenolex/Havells/HPL including pvc bent pipes, junction Boxs etc. as/required in Branch & ATM	RM	180.00		
E3	Concealed circuit wiring in pvc conduit for A.C socket out let with (2x4+ 1x2.5) Sq mm phenolex/Havells/HPL make copper wire including pvc bent pipes, junction Boxs etc. as/required.Including Induction heater in Pantry.	RM	120.00		
E4	Concealed/Surface circuit wiring in 16/25mm pvc conduit (2mm Th) pvc conduit <b>from electric panel to Inverter Input and out put , Inverter out put to Light DB</b> by (2x6+1x6) Sq mm FR PVC insulated copper wire make phenolex/Havells/HPL including PVC bent pipes, junction Boxs earthing etc. as/required .	RM	60.00		
E5	Supply & fixing 32A metal clad socket for input & out put with 32Amp DP MCB controll to input connection & 32A DPMCB controll to output connection for <b>Inverter</b> . MCB make by HPL/Havells/Standerd/L&T	Each	2.00		
E6	Supplying & Fixing 20A A.C Starter with box plate & Control M.C.B with 5Pin Power plug socket with Modular box include Switch & Socket for induction heater in Pantry room &. ATM	Each	9.00		

E7	Concealed/Surface point wiring as required in 25mm/16mm PVC conduit(2mmTh) for light /ceiling fan/exhaust fan/ wall mounted fan/ call bell point with FR PVC insulated 2x1.5 Sq mm copper wire make phenolox/Havells/L&T including cab tree make havells/Anchor/HPL 5Amps switch as per required , 5A 3 Pin socket for wall mounted fan ,PVC bent pipes ,junction Box etc. in Branch & ATM .	Each	60.00		
E8	Supply & fixing <b>Modular switch board</b> for fan & light point with 1 No 6Amp switch , 1 No 5 pin 6 Amp socket , Make Anchor/L&T /Havells.Note-No of switch S&F as per point.	Each	13.00		
E9	Supply & fixing <b>Modular switch board</b> for Printer/Note counting Machine with 2 No 6/15Amp switch , 2 No 6/15A 5Pin socket , with 1No indicator Make Anchor/L&T /Havells.	Each	6.00		
<b><u>Installation &amp; Fixtures</u></b>					
E10	Supplying & Fixing 400mm dia wall mounted Fans usha/Havells/crompton colour specified by the bank .	Each	11		
E11	Supplying , fixing & connection 12"dia Exhaust fan make usha Model Turbo jet Deix for Toilet as/drawing including making the opening in wall as per size of fan.	Each	3		
E12	Supplying & Fixing 1200mm dia Ceiling Fans usha/Havells/crompton colour specified by the bank .	Each	2		
E13	Supplying & Fixing Regulator for Ceiling Fans usha/Havells/crompton colour specified by the bank .	Each	2		
E14	Supplying and fixing 36 W,2'x2' L.E.D reflected False Ceiling light Havels/Philips/HPL as per bank	Each	15		
E15	Supplying and fixing 18 W, L.E.D reflected down light in False Ceiling Havels/Philips/HPL as per bank.	Each	14		
E16	Supplying and fixing 20 W, L.E.D Tube light Havels/Philips/HPL as per bank.	Each	8		
E17	Supplying and fixing 12 W, L.E.D bulb Havels/Philips/HPL as per bank.	Each	3		
E18	P.L U.T Light with acrylic cover for cash cabin make Philips/Havells/HPL	Each	2		

E19	Supplying & fixing call bell/buzzer suitable for DC/AC single phase 220 volt complete etc as per required.	Each	1.00		
E20	<b>Electric Panel:-</b> Supply ,Installation and Commissioning of main electric panel of 440V Ac, 3 Phase , 50Hz with 50Kv fault level of 1Second ,18swg powder coated MS Sheet in off white colour including switchgear & MCB mention below of approved make with internal wiring of proper gauge & civil work for fixing it to the wall . 1)MCCB of 63A -4pole with 25Kv breaking capacity -01 2)1No Change ove switch-63A 3) 100 A TPN Isolated copper Bus Bar -2 (One for main line & 1 For Generator) 4) 63A DP MCB -1No (Light D.B) 5)65A DP MCB For AC -1No 6)32A DP MCB -1No (for UPS) 7)10A MCB -2No (One For Signage +one Spare) 8) Indicator (R-Y-B) 9)Sliding Fuse 10) Phase Selector 11) Digital Voltmeter to Check the Voltage. 12) Digital Ameter 13) Digital Voltmeter to Check the Earthing 14) City Coil	Each	1.00		
E21	<b>Cutt off switch:-</b> Providing & fixing 50A TPN MCCB with incloser act as cutt off switch for A.C & Light.	Each	1.00		
E22	<b>Light Distribution Board :-</b> Supply ,installation ,Testing and commissioning 12 Way single door distribution box for light/Power point circuit distribution completed connection including painting ,earthing etc all completed as per instruction of Bank/Architect.The D.B Should be concealed in the wall and all civil work of wall cutting ,Plaster ,Putty ,paint include in it.It having 1) 63A D.P M.C.B -1No 2) 10A M.C.B -10No (9+1Sphare)	Each	1.00		

E23	<b>A.C Distribution Board :-</b> Supply ,installation ,Testing and commissioning 12Way single door distribution box for A.C point circuit distribution completed connection including painting ,earthing etc all completed as per instruction of Bank/Architect.The D.B Should be concealed in the wall and all civil work of wall cutting ,Plaster ,Putty ,paint include in it. It having 1) 65A DP M.C.B -1No 2) 15/20A S.P MCB -10No	Each	1.00		
E24	Supply ready made 6 Way D.B for light & A.C Circuit in ATM consisting of following electrical components with all internal connection (1) 32 Amp DP MCB -1No (2) 6 Amp SP MCB -2No 3) 20 Amp SP MCB -2No for A.C MCB make by HPL/Standard/L&T	Set	1.0		
E25	Earthing with 40mm Dia 4M long G.I earth pipe & providing alternate layer of wooden charcoal and salt for proper conductivity and providing 600mmx600mm copper base plate complete with massonary encloser & Copper Horn strip on top including fixing of 2No brass nut bolt with spring washer as per required & watering in to trench up to surface level & earthing registrance should be 0 ohm.	Each	2.00		
E26	Providing and laying earth conection from earth electode with 10SWG from copper plate to top of G.I pipe.	RM	10.00		
E27	Providing & laying 10SWG from 300mm below ground Lvl and clamping in wall portion up to DB complete with connection both ends by brass nut bolt spring washer etc.Note-Two earth pegs will be sorted and from each peg copper striping will be carried out separately up to D.B termination points.	RM	40.00		
E28	<b><u>Red &amp; Yellow indicator light:-</u></b> Provide Red and yellow indicator light in side near gate and connect it as per bank required.	Each	2.00		
	<b>Total Section I -</b>				

	<b>Section II (Computer &amp; Data Cabling work)</b>				
<b>SL No</b>	<b>Discription of work</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
C1	Concealed/Surface circuit wiring in 16/25mm Dia pvc conduit (2mm Th) for computer power with (2x2.5+1.5) Sqmm copper wire make phenolex/Havells/HPL pvc bent pipes junction boxes etc as/required from UPS room D.B to each computer point through D.P MCB & connection to Emergency light as per drawing.	RM	380.00		
C2	Supply and laying of computer data cabling wire DG-Link CAT 6 with 16/25mm Dia PVC pipe (2mmTh) casing in floor/ wall as required from server to each computer CPU inlet. <b>Note- 450 mm minimum distance between data cabel wire &amp; power wire shoud be maintain horizontal &amp; vertical.</b>	RM	250.00		
C3	Concealed/Surface circuit wiring in 16/25mm pvc conduit (2mm Th) pvc conduit <b>from electric panel to UPS Input</b> and from <b>UPS out put to UPS DB</b> by (2x6+1x2.5) Sq mm FR PVC insulated copper wire make phenolex/Havells/HPL including PVC bent pipes, junction Boxs earthing etc. as/required .	RM	35.00		
C4	Supply & fixing Modular switch board with 5A switch 4 No & 5A 5pin socket 4 No with 1 No indicator & 1 No fuse of make Anchor/L&T/Havells	Each	12		
C5	Supply & fixing Modular switch board with 15A switch 3 No & 15A 6pin socket 3 No with 1 No indicator & 1 No fuse of make Anchor/L&T/Havells for Server.	Each	1		
C6	Supply & fixing out let box DG-link	Each	12		
C7	Supply and fixing Cat 6 patch cord with RJ 45 modem jack connector DG-Link approximately 2M length .	Each	12		

C8	Supply ,erection & commissioning of 14 Way 220 V Bus bar Sub D.B in U.P.S room totaly enclose & made of 16 gauge M.S sheet with double coated painting and consisting of following electrical components with all internal connection (1) 32 Amp DP MCB -1No (2) 6A Amp SP MCB -12 No MCB make by HPL/Standerd/L&T	Set	1.00		
C9	Supply & fixing 32A metal clad socket for input & out put with 32Amp DP MCB controll to input connection & 32A DPMCB controll to output connection for U.P.S & Inverter . MCB make by HPL/Havells/Standerd/L&T	Each	2.00		
	<b>Total Section II-</b>				
	<b>Grand total (I+II)-</b>				

Note:- G.S.T extra applicable as per rules

<b><u>LIST OF APPROVE MATERIAL FOR ELECTRICAL WORK</u></b>		
SI No	Material	Approved Brand/Magnifucture
1	Light Fitting	Philips/Wipro/Havells/Crompton/ Greatwhite
2	MCCB, MCB ,RCCB , DB ,HRC Fuse, Change over , Switch , Switch fuse ,ICTPN TP .	L&T/ Siemens Legrand/Schneider/Greatwhite
3	Wire/Cable	Finolex/Havells/RR Cable/ Greatwhite
4	PVC Conduite, Casing Caping	Finolex/Polycab/Cap
5	Distribution Box	L&T/ Siemens /Legrand/ABB
6	H.T Cable	Polycab /Havells/RR Cable/ Greatwhite
7	Modular Switch Board	Anchor/Roma/Havells/Legrand/ Greatwhite
8	Panel	L&T/C&S/Crompton
9	Fan	Crompton/Havells/Bajaj/Usha
10	Casing Caping	Finolex/Cap or equivalent
11	Miniature Circuit Breaker	ABB/MDS/Siemens/HPL
12	Earth Leakage Circuir Breaker	MDS/Lexis/Siemens/HPL
13	MCB Distribution Board in sheet steel housing(Dpuble/Single Door)	Siemens/HPL/ABB/Havells/L& T