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**INDIAN BANK**  
ZONAL OFFICE, RANCHI

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**TENDER DOCUMENT  
FURNISHING AND ELECTRICAL WORK  
AT  
ATM  
BHARNO**

Name of Contractor : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

INDIAN BANK, RANCHI ZONAL OFFICE, BAHUBAZAR CHOWK, RANCHI

NAME OF THE WORK : **Furnishing and electrical work for ATM at Bharno**

SITE PREPARATION WORK : SCHEDULE OF QUANTITIES WITH BRIEF SPECIFICATIONS

**The General Terms and conditions of the quotation for the above work,**

- 1 i) Issue of Quotation Paper : From 04.05.2024 to 18.05.2024  
(i) Last date of submission of quotation : 20.05.2024 on or before 11:00 AM by physically.  
(iii) Date of opening of Quotation : 20.05.2024 at 12:30 PM.
- 2 Quotation shall remain valid for : 90 days from the date of opening of Quotation.
- 3 Time of completion of work : 2 (two) weeks from the date of commencement of work.
- 4 Cost of quotation paper : Rs. 200.00 (Rupees Two Hundred only) (Non-refundable in cash)
- 5 Availability of Quotation Paper : <http://indianbank.in>
- 6 Sealed quotation is to be submitted within the above stipulated time and date to The Zonal Manager, **Indian Bank**, Ranchi Zonal Office, Bahubazar Chowk, Ranchi.
- 7 Rates quoted shall be inclusive of all Taxes, Levies, Duties and Transportation and Service Tax etc. Goods and Service Tax (GST) shall be paid to the contractors as per applicable rules. The contractors, however, shall duly comply all necessary formalities in this regard and submit valid documents to the Bank.
- 8 Rates shall be quoted in both figures and words. Quotations shall be submitted in duplicate and in the prescribed schedule, duly signed and sealed in all pages.  
  
In case of any discrepancies in the rate quoted in figures and words and in the amount, the rate quoted in words in original will be considered.
- 9 Contractors shall provide all labour and material including necessary scaffolding for proper execution of the work including curing etc.
- 10 5% of the final bill value will be retained as security deposit and will be refunded on satisfactory completion of free maintenance period, i.e., one year from the date of completion of work. No Interest shall be paid.
- 11 Rates quoted shall be inclusive of providing necessary arrangements for satisfactory protection of furniture / electrical fittings / Bank's any other property during execution of the work.
- 12 Rates shall be inclusive of cost for disposing debris and any other unserviceable materials as per materials as per direction.
- 13 Rates shall be inclusive of cleaning of floors, making good to damaged floor, ceiling, walls, etc., after completion of work.

Contd. - Page/2

- 14 In case of any poor quality of work or substandard materials used for the purpose shall be replaced as per instructions without any extra cost.
- 15 Should the work be not completed to the satisfaction of the Employer/Consultant within the stipulated period, the contractors shall be bound to pay to Employer a sum calculated @ 1% of the accepted contract sum per week of delay subject to maximum of 10% of the accepted contract value by way of liquidated damage and not as penalty during which the work remains un-commenced or unfinished after the expiry of the completion date.
- 16 The Bank shall have the right to change the quantities and specifications as per on spot requirements.
- 17 The contractors / suppliers should study the drawing/layout plan thoroughly and may visit the site prior to quoting their rates for the above work and should strictly adhere to tender specifications.
- 18 Quantities are approximate and the work will be paid on the measurement basis as per ISI Code of Measurement.
- 19 Evidence vouchers from manufactures/ authorized agents showing use of proper materials should be furnished as and when required.
- 20 The date of commencement of work will be considered after 3 days from the date of issuing of work order or the date of handing over of site/work-front to the contractors, whichever is later.
- 21 If rate against any item is found low compared to market rate/estimated rate, Bank may insist Performance Bank Guarantee for the same of any Nationalized Bank other than Indian Bank and its group of bank.
- 22 The quotationer is advised to visit the site before quoting the rates. The job has to be carried out without hampering normal working of the Branch and on holidays.
- 23 The contractors have to execute agreement with the Bank as per Bank's format on a non-judicial Stamp Paper of Rs. 100/- within 7 days from the date of issue of Work Order.
- 24 All the relevant papers including this paper must be signed and sealed by the quotationer and to return with quotation.
- 25 The Bank reserves the right to reject all quotations without assigning any reasons whatsoever.
- 26 The Contractor must be registered with Service Tax Act and furnish a copy of registration document.
- 27 The contractor have to obtain Labour License and abide by rules and regulations of contract labour (Regulation and abolition Act 1970 & Central Rule 1971 as also relevant latest amendments hereto).
- 28 The contractor should make necessary insurance policies in the joint names of the Bank and the contractors against CAR Policy for the value of work order and against WC Policy at their cost and submit the original policies to Bank within 3 days from the date of issue of work order. The above policies should remain valid till completion of the work.

Yours faithfully,

For and on behalf of **Indian Bank**,

**G E N E R A L S U M M A R Y**  
**BHARNO ATM, INDIAN BANK**

SECTION NO.	DESCRIPTION	FOLIO NO.	AMOUNT Rs.
I	FURNISHING WORK	SCH-ATM/2	
II	ELECTRICAL WORK	SCH-ATM/4	
TOTAL :			

**SECTION - I**  
**FURNISHING WORK AT ATM**

SL. NO.	ITEM DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
1	<p>Providing and fixing in position <b>gypboard false ceiling</b> in two levels as per design, with 12 mm thick gypsum board, including necessary framework of galvanized steel members, complete with recommended fillers, paper tapes and two coats of acrylic emulsion painting of approved shade and brand over two coats of primer of approved quality.</p> <p>Rates to include cost of making openings for ceiling mounted electrical/ air-conditioning accessories as per instructions. Frame work to be used in the work should be "Gypsteel" with hologram.</p> <p>(The work is to be carried out through authorized applicators of M/s.(SAINT-GOBAIN) Gyproc.)</p>	Sqm.	7.00		
2	<p>Providing and fixing <b>125 mm. wide and 12 mm. thick</b> BWR grade plyboard to be fixed on the wall at the junction of horizontal and vertical surface, the plyboard to be finished at the top upto 75 mm. depth with blue laminate sheet and remaining portion with red laminate sheet of approved quality. Free edges of plyboard are to be provided with polished 6 mm. thick wood lipping, all complete as directed.</p>	Rmt.	14.00		
3	<p>Supplying and erecting <b>full height opaque partitions</b> (max. upto 2500 mm. high) as per drawing and conforming to the following specifications :</p> <p><u>basic frame work</u> :</p> <p>well seasoned Malaysian sal wood sections, treated with two coats of wood preservatives, 60 mm wide x 40 mm (minimum) at maximum 600 mm horizontal or vertical spacings as per site conditions. Vertical members shall be suitably anchored at ceiling level.</p> <p><u>skin membrane</u> :</p> <p>Single layered 6 mm.MR grade plyboard on each face, as per drawing/instructions.</p> <p><u>finishing</u> :</p> <p>One side finished with 1 mm thick laminate sheet of same or combination shades as per instruction and other side finished with two coats of synthetic enamel paint of approved shade and quality over a coat of approved primer</p> <p>Quoted rates shall include all necessary materials , accessories and labour and also allow provisions for electrical/telephone/computer wiring conduits and switch boxes, etc (Materials for wiring conduits and switch boxes shall be separately paid for.)</p>	Sqm.	3.00		
4	<p>Supplying and erecting <b>wall panelling</b> as per drawing and conforming to the following specifications :</p> <p><u>basic frame work</u> :</p> <p>well seasoned best quality hard wood wood sections, treated with two coats of wood preservatives, 60 mm wide x 40 mm (minimum) at maximum 600mm horizontal or vertical spacings as per site conditions. Vertical members shall be suitably anchored at ceiling level.</p> <p><u>skin membrane</u> :</p> <p>Single layer 6 mm. thick MR grade plyboard on one face, as per drawing/instructions.</p> <p><u>finishing</u> :</p> <p>1 mm thick laminate sheet of approved shades as per instruction.</p> <p>Quoted rates shall include all necessary materials , accessories and labour and also allow provisions for electrical/telephone/computer wiring conduits and switch boxes, etc (Materials for wiring conduits and switch boxes shall be separately paid for).</p>	Sqm.	20.00		

CARRIED OVER :

SL. NO.	ITEM DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
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**BROUGHT FORWARD :**

5	P/F <b>Fully glazed aluminum door and fixed partition</b> of size 3'-6" x 7'-3" including door frame/chowkhat 4" x 2" aluminum frame of 16 guage and 22.25 micron electro colour anodizing . A panel of one piece 12 mm. thick float glass with anti shatter film and weather strip insulation on the shutter edges. 1" dia 1'-6" long SS brushed finish handle on both sides including heave duty double action ISI marked floor spring with steel cover plate with edges rounded, all accessories etc. Cost includes cutting and making good the floors for fixing floor spring. All complete as per approval and instruction of the Architect/Employer.	Sqm.	3.00		
6	Supplying and fixing in position overall 37 mm. thick <b>solid</b> core hot pressed phenol formaldehyde bonded approved <b>flush door shutter</b> finished with 1.0 mm. thick laminate sheet (without joints) of approved shade and quality on both sides of the door shutter including cost of hardware fittings e.g.brass hinges, Mortice lock sets with handles etc.of approved make and quality.	Sqm.	2.00		
7	Providing and fixing <b>covering of the box of rolling shutter</b> ; covering made of 19 mm thick BWR grade block board with necessary best quality local hard wood frame work finished on external faces with 1.00 mm thick laminate sheet of approved shade and quality. The covering should have opening arrangement at the bottom level with necessary approved quality hardware fittings, all complete as directed.	Sqm.	9.00		
8	Providing and fixing <b>Aircon louvers</b> with 6" wide Powder Coated Aluminium Aircon Louvers.	Sqm.	0.25		
9	Providing and fixing <b>etching films</b> (frosted) of approved quality on glass surfaces of approved graphical design in patterns of strips as directed.	Sqm.	3.00		

<b>TOTAL CARRIED TO GENERAL SUMMARY :</b>
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**SECTION - II**  
**ELECTRICAL WORK AT ATM**

SL. NO.	ITEM DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
1	<b><u>MCB DISTRIBUTION BOARD</u></b> Supply and installation of following consumer unit Distribution Board with MCB having breaking capacity of RCCB of 300 mA sensitivity having over load, shouldloakage protection complete with busber, interconnection on flat iron frame on wall/flushed with finished wall mending good to original finish, painting etc as required.				
1.1	<b><u>LIGHTING DISTRIBUTION BOARD (LDB)</u></b> TPN 4 way MCB DB complete with busber and the following MCBs :  <u>INCOMING</u> 1 No. 415 V 63A TPN MCB <u>Outgoing</u> 4 Nos 240 V 32 A SP MCB 2 Nos 240 V 16 A SP MCB 3 Nos 240 V 10 A SP MCB	No	1		
1.2	<b><u>UPS DISTRIBUTION BOARD (UPSDB)</u></b>  SPN 8 way MCCB DB complete with busber and the following <u>INCOMING</u> 1 No. 240 V 25 A DP MCB (300 mA)  <u>OUTGOING</u> 4 Nos. 240 V 16 A SP MCB	No	1		
2	<b><u>INDUSTRIAL TYPE METAL CLAD SOCKET DB (ISDB)</u></b> Supplying, installation, testing and commissioning of following MCB controlled industrial type metal clad socket with plug top installed on wall (For UPS incorming terminals only)				
2.1	The DB consists of the following: 1 No. 32A 3 pin industrial type socket with matching plug 1 No. 25A SP MCB (10KA min)	No	2		
3	<b><u>A C POWER POINT WIRING</u></b> Wiring for AC power point with 1100 volt grade single core 2 x 4 Sqmm + 1 x. 2.5 sqmm (green colour for earth) PVC insulated flexible copper conductor cables (IS : 694) through suitable embossed on conduit surface) partly through wall/embedded in floor by chase cutting from AC timer switch board to AC power point. The work includes supply and fixing of 25A 3 pin metal socket 25A matching plug. 20A starter in suitable size mounting box with front plate AC Power unit concealed in wall and flushed with finished wall surface including making good all damages to painting etc. as required to be completed in all respect.	No	2		

CARRIED OVER :

SL. NO.	ITEM DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
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**BROUGHT FORWARD :****4 SUBMAIN WIRING**

Submain wiring with 1100 V grade single core PVC following sizes PVC insulated flexible copper conductor cable conforming to IS 694 through suitable size M.S conduit and conduit accessories partly on surface (above false ceiling )with M.S. Bar saddles partly through partition and partly concealed in wall embedded in floor by chase cutting, mending good all damages as required to be completed in all respect.

With 2 Nos. 6 sqm + 1 No. 4 sqm PVC insulated copper wire.

Mtr 10.00

**5 WIRING FOR ATM/V - SAT POWER SOCKET OUTLET**

ATM/V - SAT power socket outlet cluster point wiring with 1100 volt grade 3 Nos. single core (1 for earth green colour) 2.5 sqm copper conductor cable conforming to IS:694 through suitable size PVC conduit partly on surface (above false ceiling) with M.S. bar saddles , partly through partition and partly concealed in wall/embedded in floor by chase cutting from UPSDB to socket cluster including interconnection mending good damages as required.

4 Nos. 16/6A 3 pin moduler type shuttered socket.

4 Nos 16A moduler type Switch with indicator.

1 Nos front plate of suitable size.

1 Nos Mounting box of suitable size.

Nos 2

**6 POINT WIRING FOR LIGHT & 6A SOCKET**

Point wiring for light & 6A socket outlet with 1100 V grade ( 1 for Phase ) 1 for common neutral and for 1 for earth (green colour) by looping method single core 1.5 sqm PVC insulated flexible copper conductor cable through suitable size PVC Conduit as required partly on partly through partition and partly concealed in wall from lighting switch board timer switch board etc. on partition/ wall including supply of all materials such as modular type 5 pin 6A socket outlet, 6A swicth , suitable mounting box, front plate as required for each light and 6A socket outlet point unless otherwise stated. The point wiring also includes circuit wiring with 1100 V grade 2 nos single core 2.5 sqm + 1 No single core 1.5 sqm (green) PVC insulated copper conductor cable through suitable size PVC conduit from LDB to respective sitch board/ outlet complete.

a) Light point (all type)

Nos 4

b)ATM Board/Logo Board/Glow Sign Board point

Nos 2

c) 5 pin 6A moduler type socket with switch on light switch board.

Nos 1

**CARRIED OVER :**



SL. NO.	ITEM DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
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**BROUGHT FORWARD :****7 EARTHING**

Earthing the ATM DB as per I.E.rules conforming to IS 3043 or latest amendment by making earthing station with 450mm x 450mm x 3mm thick copper plate electrode to be installed such that its top edge shall be at a minimum depth of 3 mtr below ground level after preparation of ground with charcoal and salt complete with copper bolts of suitable length double nuts and washers including supply & fixing of 50mm dia partly perforated G.I.pipe with funnel for watering arrangement. The earthing installation should be provided with 300 mm x 300mm x 300mm depth inside dimension masonry inspection pit with C.I.Hinged cover.

Nos 1

8 Supply and laying of 1 x 16 sqm PVC insulated copper earth lead-in cable partly on wall surface/partly through 25 mm dia G.I. Conduit to be laid at an average depth of 500mm below ground level including connection with copper plate & UPS DB by means of sockets, tapes etc as required. Minimum clearance between wall surface and copper earth lead-in-cable should be 6mm.

Mtr 15.00

9 Supply & fixing the following light fittings recessed in false ceiling including interconnection with 3 nos 1.5 sqm PVC insulated copper wire through M.S. conduit complete.

a) 1x34 watt LED based square light fittings.

Each 1

b) 1x15 W LED down lighter fittings.

Each 3

**10 RJ 45 DATA SOCKET**

Supply and fixing of modular type RJ45 Data Socket in sheet steel box complete with interconnection as required.

No 4

11 Supply and laying of CAT- 6 LAN cable through 25 mm dia PVC conduit from HUB to computer data socket outlet complete with interconnection as required.

Mtr 15.00

<b>TOTAL CARRIED TO GENERAL SUMMARY :</b>
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**LIST OF APPROVED MATERIALS**

INTERIOR & FURNITURE WORKS

SL. NO.	MATERIAL	BRAND/MANUFACTURER
1.	GYPBOARD FALSE CEILING	- SAINT GOBAIN 'GYPROC'
2.	MINERAL FIBRE FALSE CEILING	- ARMSTRONG - DAIKEN
3.	MR/BWR GRADE BLOCK BOARD, PLY BOARD AND FLUSH DOOR SHUTTER	- GREEN - CENTURY - SATABDI
4	LAMINATES	- GREEN MICA - CENTURY MICA - MERRINOLAM
5.	GLAZING	- MODI FLOAT - ST. GOBAIN
6.	SYNTHETIC ENAMEL PAINT	- "LUXOL HIGLOSS" (BERGER) - DULUX 'VELVET TOUCH' ENAMEL (ICI) - ASIAN
7.	WHITE CEMENT PUTTY	- BIRLA WHITE - J.K WHITE - MYK - LATICRETE
8.	ACRYLIC EMULSION PAINT	- ASIAN PAINT - BERGER
9.	CABINET /DRAWER LOCKS, DRAWER SLIDES, AUTO-HINGES, KEYBOARD TRAYS	- DORSET - GODREJ - EBCO
10.	DOOR LOCKS AND HANDLES	- DORSET - DORMA (XL) - OZONE

**LIST OF APPROVED MATERIALS**  
ELECTRICAL WORKS

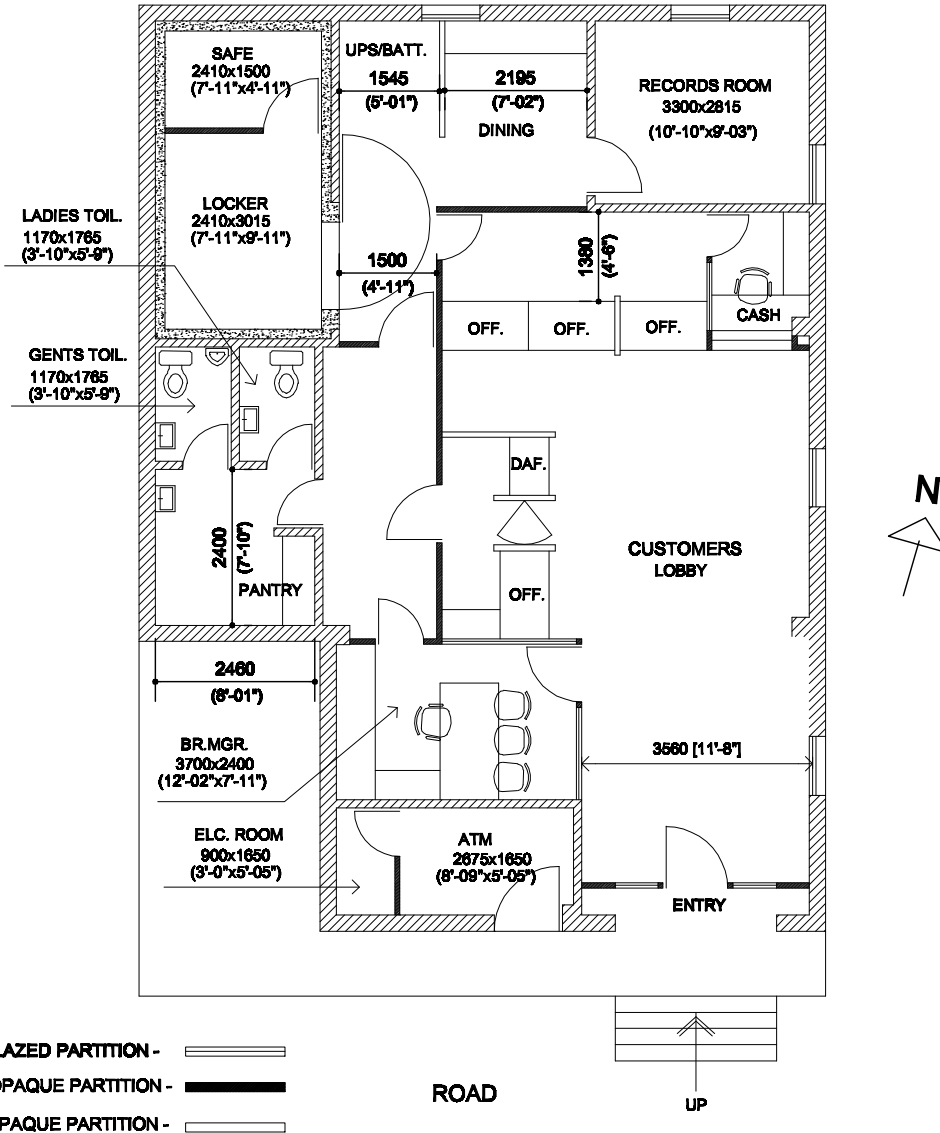
SL. NO.	ITEM	ITEM DETAIL	APPROVED BRAND / MANUFACTURER
1.	CONDUITS	I) M.S.(BLACK STOVE ENAMELED)	- B.E.C. - NIC - AKG - SENCO
		II) PVC RIGID	- B.E.C. - AKG - PRECISION
		III) G.I. FLEXIBLE	- B.E.C. - PRECISION - AKG - ATUL
		IV) GALVANISED STEEL	- B.E.C. - PRECISION - AKG - ATUL
		V) PVC CASING –CAPPING	- PRECISION - PRESTO-PLUS
2.	CABLES & WIRES	I) 11 KV ALUMINUM	- POLYCAB - FINOLEX - HAVELS - MESCAB
		II) 1100 V GRADE PVC / XLPE INSULATED STEEL ARMORED AND OVER ALL PVC SHEATHED	- FINOLEX - POLYCAB - HAVELS - MESCAB
		III) PVC INSULATED STRANDED/FLEXIBLE COPPER CONDUCTOR WIRE WITH SIZE IN SQMM. EMBOSSSED ON CABLE SURFACE (FOR INTERNAL WIRING)	- FINOLEX - POLYCAB - HAVELS - MESCAB
		IV) LAN	- FINOLEX - LUCENT - D – LINK/AMP/MOLEX
		V) TELEPHONE	- FINOLEX - DELTON
		VI) TV ANTENNA	- FINOLEX - POLYCAB - ORBIT - KEI - MESCAB

SL. NO.	ITEM	ITEM DETAIL	APPROVED BRAND / MANUFACTURER
3.	PROTECTIVE DEVICE	I) TPN & SPN SWITCH FUSE UNIT WITH HRC FUSE	- SIEMENS - L&T - SCHNEIDER - ABB - INDO ASIAN - NORTH WEST
		II) MCCB, MCB, MCB-DB, RCBO, RCCB, ACB & ELCB	-SIEMENS -L&T - SCHNEIDER - ABB - HAVELS - PHILIPS
		III) MANUAL CHANGEOVER SWITCH/AUTO CHANGE OVER SWITCH	- L&T - LEGRAND, -HAGER
		IV) DOL STRATER	- SIEMENS - LARSEN & TOUBRO - INDO ASIAN
		V) CURRENT TRANSFORMER	- L & T, - KAYCCE - KUPPA/AE/IMP - INDO ASIAN
4.	SWITCHES & SOCKET SWITCH FRONT PLATE AND MOUNTING BOX (MODULAR TYPE)	I) 6A / 16A SWITCH, SOCKET, TELEPHONE SOCKET (RJ-11) LAN SOCKET(RJ-45), ELECTRONIC REGULATOR/DIMMER	- MK(WRAPAROUND PLUS) - Anchor(Roma) -Legrand(Myrius)
		II) ON/OFF / SELECTOR SWITCH	- SIEMENS - LARSEN & TUBRO - INDO ASIAN
		III) METAL CLAD SOCKET & PLUG HAVING SCRAPING EARTH ARRANGEMENT	- SIEMENS - LEGRAND - HAGER
5.	BELL	BUZZER BELL/CALL BELL, BUZZER INDICATOR (LUMINOUS TYPE)	- BAJAJ - ANCHOR
6	INSTRUMENT	INDICATING INSTRUMENT/ MEASURING INSTRUMENT	- AE - IMP - L&T - GE
7.	LUMINARIES	I) LED LIGHT FITTINGS	- PHILIPS - WIPRO - HAVELLS - BAJAJ

SL. NO.	ITEM	ITEM DETAIL	APPROVED BRAND / MANUFACTURER
8.	FAN FITTINGS	I) CEILING FAN	- HAVELLS - BAJAJ - CROMPTON - USHA - ORIENT - POLAR
		II) WALL MOUNTING / PEDESTAL FAN	- HAVELLS - BAJAJ - CROMPTON - USHA - ORIENT - POLAR
		III) EXHAUST FAN	- HAVELLS - BAJAJ - CROMPTON - USHA - ORIENT
9.	AIR-CONDITIONERS (3 STAR OR EQUIVALENT)	WINDOW TYPE HI-WALL SPLIT TYPE DUCTABLE SPLIT TYPE	- VOLTAS - CARRIER - HITACHI - BLUE-STAR
10.	STARTER	LIGHT-STARTER	-SIEMENS -L&T - SCHNEIDER
11.	REGULATOR	CEILING FAN-REGULATOR	-ANCHOR -LEGRAND -CLIPSAL
12.	RELAY		-L &T -ABB -SIEMENS -INDO ASIAN

**Note :**

All other items not covered above, as per sample approved by employer/consultant.



**TOTAL CARPET AREA EXCLUDING TOILET , COLUMN,INCLUDING A.T.M.- 117.98 SQM.(1263.98SFT.)**

**PROPOSED GROUND FLOOR CONSTRUCTION  
LAY-OUT PLAN FOR INDIAN BANK BHARNO BRANCH**

**DEALT- N.G.KUNDU  
SCALE:-1:100  
DATE - APRIL.17 2024**

**ALTERNATIVE-2**



**axis**  
DD 185, NEW TOWN,  
STREET NO. 295,  
KOLKATA- 700 156