



ZO/HGLY/GAD/MISC/2025-26/61

दिनांक/Date-26/12/2025

To,
Electrical Contractors, B Category,
(Empanelled by Head Office, 01/09/2022 to 31.08.2025)

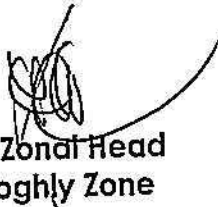
Sir,

Sub: Invitation of sealed tender for Internal Electrical ,A.C. & LAN work of Ramnagar Branch

We invite Sealed Tender for Internal Electrical, A.C. & LAN work of Ramnagar Branch , Purbī Medinipur whose tender document is enclosed.

Last Date of Submission – 15.01.2026 till 3:00 PM
Date of opening of tender – 16.01.2026

Regards,


Dy Zonal Head
Hooghly Zone



15.

**ESTIMATE FOR INTERNAL ELECTRICAL WORKS OF RAMNAGAR BRANCH,
HOOGHLY – UCO BANK**

ELECTRICAL WORK

A. DB'S, CABLING AND WIRING WORK

| SL. NO. | ITEM DESCRIPTION | UNIT | QTY | RATE (Rs.) | AMOUNT (Rs.) |
|---------|---|------|-------|------------|--------------|
| 1 1 | SWITCH FUSE UNIT | | | | |
| | Supply & fixing of Switch Fuse Unit (IS 13947)Siemens/L&T make with HRC type fuse in sheet steel enclosure with cable end box, mounted on M S frame / M S legs on wall The rate shall be inclusive of supply of all materials, painting, making holes, mending good the damages & making connection etc as required | | | | |
| 1 1 1 | 100A TPN SFU (for supplies incomer) | Each | 0 | | |
| 1 1 2 | 63A TPN SFU (for DG incomer) | Each | 0 | | |
| 1 2 | INTERCONNECTION | | | | |
| | Supply, laying, testing & commissioning of following 1 1 KV grade PVC insulated, copper conductor cable (from Meter & DG to Switch Fuse Unit) in flexible conduit. The rate shall be inclusive of supply of all materials, making interconnection, wall / salb cutting & making good the same | | | | |
| 1.2.1 | 4x10 sq mm PVC wires (for WBSEB incomer) | Set | 1 | | |
| 1 2 2 | 4x10 sq. mm PVC wires. (for DG incomer) | Set | 1 | | |
| 1.3 | SUPPLYING & LAYING OF CABLE | | | | |
| | Supplying & laying of 1 1 KV grade (IS 7098) following size PVC insulated and PVC sheathed armoured aluminium conductor cables of Finolex/Polycab/CCI/Nicco make on wall / column, including supply and fixing of cable end connections, M S clamps / galvanised bar saddles @ 300 mm apart, making holes and mending good damages, painting etc. as required | | | | |
| 1.3.1 | 3 5 core 50 Sq mm (from Main Switch to Main DB) | Mtr | 10 00 | | |
| 1.3.2 | 4 core 16 Sq mm. (from DG set to Change Over Switch to LDB) | Mtr | 15 00 | | |
| 1.4 | ON LOAD CHANGE OVER SWITCH | | | | |
| | Supply & fixing of 63A, 4P, ON LOAD Change Over Switch of Havells/HPL/L&T make in sheet steel enclosure on MS angles/legs on wall The rate shall be inclusive of supply of all materials, painting, making holes, mending good the damages & making connection etc. as required | Each | 1 | | |
| 1.5 | Supply & installation of 1 Set 63A Busbar. | Each | 1 | | |
| 1 6 | MCB DISTRIBUTION BOARD | | | | |
| | Supply, installation, testing and commissioning of following MCB Distribution Board in sheet steel enclosure with double door and suitable for mounting on wall by chase cutting and flushed with finished level to the position shown in the Electrical Layout complete in all respect, mending good all damages to the original finish, painting, interconnection, etc as required Short circuit I.C. of all MCBs should be 10 KA (minimum) and RCBO's should have earth leakage, overload and short circuit protection | | | | |
| | Name plate of DBs to be fixed / written on front door alongwith switch board numbers / DBs at the outgoing. | | | | |
| 1 6.1 | Main Lightning Distribution Board (ML DB) | | | | |
| | TPN 4 way vertical type MCB DB complete with busbar and following MCCB / MCBs : | | | | |

| | | | | | |
|---------|--|------|-------|--|--|
| | <u>Incoming</u> | | | | |
| | 1 no 415V, 63A, 4P, MCB (25 KA min) | | | | |
| | <u>Outgoing</u> | | | | |
| | 1nos 415V, 40A TP, MCB | | | | |
| | 5nos. 415V, 20-25A SP, MCB | | | | |
| | 3nos 240V, 16A, SP, MCBs | | | | |
| | Complete board as above. | Each | 1 | | |
| 1 6 2 | <u>Lighting Distribution Board (LDB)</u> | | | | |
| | TPN 4 way Vertical type MCB DB complete with busbar and following MCB's | | | | |
| | <u>Incoming</u> | | | | |
| | 1 no. 240V, 40A TPN, MCB | | | | |
| | <u>Outgoing</u> | | | | |
| | 2 nos, 415 V, 25A, TP, MCB | | | | |
| | 2 nos, 415 V, 32A, TPN, MCB | | | | |
| | 6 nos 6/10A SP MCBs | | | | |
| | Complete board as above | Each | 1 | | |
| 1 6 3 | <u>DB with 25A SPN MCB</u> | | | | |
| | Double pole one way MCB DB in sheet steel enclosure with 1 no 25A SPN MCB complete with interconnection, etc. as required for operation of Glow Sign Board (at main gate of the Branch) | Each | 1 | | |
| 1 6 4 | <u>Air-Condition Distribution Board (A-CDB)</u> | | | | |
| | TPN 4 way Vertical type MCB DB complete with busbar and following MCB's | | | | |
| | <u>Incoming</u> | | | | |
| | 1 no 240V, 63A TPN, MCB | | | | |
| | <u>Outgoing</u> | | | | |
| | 6 nos, 240 V, 25A, SP, MCB | | | | |
| | 6 nos, 240 V, 32A, SP, MCB | | | | |
| | Complete board as above | Each | 1 | | |
| 17 | <u>SUBMAIN WIRING</u> | | | | |
| | Submain wiring with 1100 V grade, single core, PVC insulated flexible copper conductor cable (IS 694) through suitable size specified conduit/casing capping (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends and other accessories surface on wall above false ceiling or concealed by chase cutting on wall, as per site condition, mending good all damages to original finish, interconnection, painting etc. as required to be completed in all respect | | | | |
| 1 7 1 | Through HMS grade PVC conduit (Customer Lobby, Cash, Manager room etc) (Make of conduit is Precision/AKG) | | | | |
| 1 7 1 1 | With 2 nos 6 sq mm + 1 no 25 sq.mm. (green colour for earth) PVC Insulated copper wire (Finolex/Havells) in 25 mm dia PVC conduit / casing capping (for Glow Sign Board) | Mtr | 15 00 | | |
| 1 7 1 2 | With 2 nos 25 sq mm + 1 no 15 sq mm (green colour for earth) PVC insulated copper wire (Finolex/Havells) in 20 mm dia PVC conduit / casing capping (for Switch Board, 16A socket outlet etc) | Mtr | 32.00 | | |

| | | | | | |
|---------|---|------|-------|--|--|
| 1.7.1.3 | With 2-nos. 2.5 sq.mm + 1 no 1.5 sq mm (green colour for earth) PVC insulated copper wire(Finolex/Havells) in 20 mm dia PVC conduit / casing capping (for Server, camera & fire system etc. form UPS out put socket cluster) | Mtr | 32 00 | | |
| 1.7.1.4 | With 2 nos 6 sq mm + 1 no 2.5 sq mm. (green colour for earth) PVC Insulated copper wire(Finolex/Havells) in 25 mm dia PVC conduit / casing capping (for UPS DB to 40A DP MCB at main entrance)(2ups) | Mtr | 35 00 | | |
| 1.7.1.5 | With 4 nos 10 sq mm + 2 nos. 2.5 sq mm (green colour for earth) PVC insulated copper wire(Finolex/Havells) in casing capping (for AC DB busbar to 63A TPN MCB cut off and 63A cut off MCB to AC DB) | Mtr | 2 00 | | |
| 1.7.1.5 | With 4 nos 10 sq mm. + 2 nos. 2.5 sq mm (green colour for earth) PVC insulated copper wire(Finolex/Havells) in casing capping (for LDB, C/O to 40A TPN MCB cut off and 40A cut off MCB to LDB) | Mtr | 2 00 | | |
| 18 | CABLE GLAND AND FINISHING THE END | | | | |
| | Supplying and fixing of compression type brass cable gland alongwith rubber rings for dust and moisture proof entry of 1.1 KV grade aluminium conductor PVC insulated and PVC sheathed armoured cable and finishing the end by crimping method including supply and fixing of "Dowell" make solderless socket, tapes and jointing materials as required to be completed in all respect | | | | |
| 18.1 | 3 core 50 sq mm | Set | 2 | | |
| 18.2 | 4 core 16 sq mm | Set | 6 | | |
| 19 | POINT WIRING | | | | |
| | Point wiring through specified conduits of approved brand with 1100 V grade 3 nos single core 1.5 sq mm. (1 for phase, 1 (black colour) for common neutral by looping method and 1 (green colour) for common earth by looping method) PVC insulated flexible FR copper conductor cable complete with junction box, circular box, elbows, bends, couplers and other accessories on surface above false ceiling or concealed by chase cutting on wall from light & fan switch board to light, fan,stepped regulator for fans & 6A socket outlet on the same switch board or separately mounted switch board. The work includes supply and fixing of all materials such as modular type 6A switch for each light and fan point, 6A 2/3 pin shuttered socket outlet with switch, 3 plate ceiling rose / angle or batten holder etc. as required | | | | |
| | Contd . | | | | |
| | The point wiring also includes circuit wiring with 1100 V grade 2 nos single core 2.5 sq mm. (1 for phase and 1 (Black colour) for neutral) + 1 no single core 1.5 sq.mm (Green colour for earth) PVC insulated flexible (FRLS) copper conductor cable (IS 694) through suitable size specified conduit as described above from DB to switch board, interconnection, mending good all damages to original finish, painting etc. as required to be completed in all respect. All connections of wires to be done by means of "Wago" type connectors. (All wiring in strong room, locker room, records & stationery room will be of surface conduit type). | | | | |
| 19.1 | Through PVC conduit (Customer Lobby,Cash,Branch Manager room etc) : | | | | |
| 19.1.1 | 1 Light control by 1 switch | Each | 2 | | |
| 19.1.2 | 2 Light control by 1 switch | Each | 13 | | |
| 19.1.3 | Red light & Incandecent light point | Each | 1 | | |
| 1.9.1.4 | 2/3 pin 6A switch shuttered socket outlet with switch on light and fan switch board. | Each | 12 | | |
| 19.1.5 | 2x6A 2/3 pin shuttered socket with individual controlling switch on light fan switch board for cash counter | Each | 1 | | |

| | | | | | |
|--|--|------|-------|--|--|
| 1 9 1 6 | 1x6A 2/3 pin shuttered socket with switch on separate switch board other than light / fan switch board | Each | 15 | | |
| 1 9 1 7 | Wall mounted bracket fan point | Each | 9 | | |
| 1 9 1 8 | Call bell point with bell push | Each | 1 | | |
| 1 9 1 9 | Buzzer | Each | 1 | | |
| 1 9 1 10 | Exhaust fan point | Each | 2 | | |
| 1 9 1 11 | Ceiling fan point with supply and fixing of Electronic Regulator (2 module step , 280 watt (min) | Each | 2 | | |
| 1 10 | 16A POWER POINT WIRING | | | | |
| | Wiring for 6 pin 6 / 16 A shuttered socket outlet with controlling switch from Main DB with 1100 volt grade 2 nos single core 2.5 sq mm. + 1 no. 1.5 sq.mm. (Green colour for earthing) PVC insulated flexible FR copper conductor cable (IS - 694) through suitable size Heavy duty PVC. conduit (ISI marked embossed on conduit surface) complete with 1 no 6A / 16A, 6 pin, modular type socket with 16A control switch in suitable size modular box with front plate, junction box, circular box, elbows, bends, couplers and other accessories surfaced on wall above false ceiling or concealed by chase cutting on wall (for Printer, Xerox m/c etc) & making connection complete | Each | 10 | | |
| 1 11 | A C POWER POINT | | | | |
| | A C power point wiring from Main DB to A C Power points with 1100 volt grade following rating (Green colour for earthing) PVC insulated flexible FR copper conductor cable through suitable size HMS grade PVC conduit (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends, couplers and other accessories surfaced on wall above false ceiling or concealed by chase cutting on brick / wooden wall The work includes supply & fixing by chase cutting on wall, 'North-West' make A.C power unit having suitable rating MCB(20-25A SP)socket with plug,plug-top & starter in sheet steel enclosure complete with interconnection, mending good all damages to original finish, painting etc. as required All connections of wires to be done by means of 'Wago' type connectors | | | | |
| | With 2 nos 4 sq mm + 1 no 2.5 sq mm (green colour for earth) PVC insulated copper wire in 25 mm dia PVC conduit / casing capping | Each | 8 | | |
| 1 12 | EARTHING GENERAL | | | | |
| | Earthing the installation as per I E Rules conforming to IS 3043 - 1987 or its latest amendment by making earthing station with 3 meter long 50 mm dia GI earth Pipe (Partly Perforated) to be installed such that its top end shall be at 300 mm below ground level after preparation of ground with charcoal & Salt and connecting with 25 mm x 6 mm GI earth lead-in-strip upto 16 metre length by bolting and then brazing, complete with nut, bolt, washer etc as required. The earthing station shall be provided with 300 mm x 300 mm x 300 mm inside dimension masonry Inspection Pit with GI hinged cover | Each | 2 | | |
| 1 12 1 | Extra for earth lead-in-strip exceeding 10 meter as mentioned in above item with supply and fixing of 25mm x 6mm GI Strip to be fixed on wall or directly buried in ground including connection complete | Mtr | 22 00 | | |
| 1 13 | RACK | | | | |
| 1 13 1 | Supplying and fixing of Server Rack 9U Combo Wall Rack Mount with 6 Power Socket & Cable - Lock & Keys - Tray (1 No) - 1 Cooling Fan and Adjustable Shelf | Each | 1.00 | | |
| 1 13 2 | Supplying and fixing of UPS Battery Rack | Each | 1 00 | | |
| B. INSTALLATION OF LIGHT FITTINGS & FAN | | | | | |
| 2 1 | INSTALLATION OF LIGHT FITTINGS | | | | |

| | | | | | |
|---|---|------|----|--|--|
| 2.1.1 | Installation, testing and commissioning of 2x2'38 watt led light fittings with interconnection between light points and fittings with 2 nos single core / 1.5sq mm PVC Insulated flexible FR copper conductor cable, painting etc as required | Each | 25 | | |
| 2.1.2 | Installation, testing and commissioning of 1x28 watt T-5 led light fittings on wall / ceiling including supplying and fixing of M.S. clamps or hard wood round block properly shalac polished suitable for wall / ceiling mounting including interconnection between light points and fittings with 2 nos. single core / 1.5sq mm. PVC Insulated flexible FRLS copper conductor cable, painting etc as required | Each | 4 | | |
| 2.1.3 | Installation, testing and commissioning of 1x14 watt PL light fittings with 1x14watt true light on wall / ceiling including supplying and fixing of 2 nos. M.S clamps or hard wood round block properly shalac polished with 2 x 20 mm dia MS pipe suitable for wall / ceiling mounting including interconnection between light points and fittings with 3 nos single core / 3 core 1.5sq.mm PVC Insulated flexible FRLS copper conductor cable, painting etc as required | Each | 2 | | |
| 2.1.4 | Installation, testing and commissioning of 1x18 watt led down lighter fittings with / ceiling including supplying and fixing of 2 nos. M.S clamps or hard wood round block properly shalac polished with 2 x 20 mm dia MS pipe suitable for wall / ceiling mounting including interconnection between light points and fittings with 3 nos single core / 3 core 1.5sq mm PVC insulated flexible FRLS copper conductor cable, painting etc. as required. | Each | 0 | | |
| 2.2 | INSTALLATION OF FAN FITTINGS | | | | |
| 2.2.1 | Installation, testing and commissioning of heavy duty type ISI marked 300mm dia Exhaust fan suitable for 240V single phase 50 Hz. A.C. supply complete with Al louvre, interconnection between fan points and fan with 3 nos single core/ 1.5sq mm PVC insulated flexible copper conductor cable, making suitable size holes on wall to accommodate the fan, mending good to the original finish, painting etc. as required. | Each | 3 | | |
| 2.2.2 | Installation, testing and commissioning of heavy duty type ISI marked 400 mm dia wall bracket fan suitable for 240V single phase 50 Hz. A.C. supply complete with all accessones and interconnection between fan points and fan with 3nos 1.5sq mm (1 for earth, green colour) PVC Insulated flexible FR copper conductor cable, painting, mending good etc. as required | Each | 9 | | |
| 2.2.3 | Installation, testing and commissioning of 1200 mm sweep capacitor type ceiling fan complete with blades, down rod and all other accessones to the position as shown in the drawing, painting the down rod and interconnection between fan points and fan with 2 nos. single core/ 1.5sq mm PVC Insulated FR flexible copper conductor cable as required. | Each | 2 | | |
| 2.3 | RED LAMP & INCANDESCENT LAMP | | | | |
| | Supply, installation, testing and commissioning of red lamp / 60 watt Incandescent lamp on existing wall mounted holder. | Each | 1 | | |
| C. SUPPLY OF LIGHT FITTINGS & FANS | | | | | |
| 3 | Supply of light and electrical fittings including lamp and all necessary accessories | | | | |
| 3.1 | Recessed mounted luminaries | | | | |
| a) | CFL based luminaries 2'x2' led 38 watt (Philips make or equivalent) | Each | 25 | | |
| b) | Supply of led base down lighter (Philips make or equivalent approved make) | Each | 0 | | |
| c) | Supply of 1x14 watt PL light fittings for cash of Philips or equivalent approved make with 1 x 14WCFL lamps | Each | 2 | | |

| | | | | | |
|---------------------------------|--|-------|---|--|--|
| 3 2 | Surface mounted /Suspended luminaries | | | | |
| | 1x28 watt T-5 4' ted Light fittings (Philips or similar approved make) | Each | 4 | | |
| 3 3 | Supply of fan fittings with all necessary accessories | | | | |
| 3 3.1 | Exhaust Fan | | | | |
| | 300 mm dia (Havells,Polar,EPC,Crompton,GEC) w/out mounting ring & louvre complete | Each | 2 | | |
| 3 3 2 | Wall bracket fan 400mm dia (Havell's,Polar,Crompton,) | Each | 9 | | |
| 3 3 3 | Ceiling fan (Havells,Polar,Crompton,Orient) | | | | |
| | 1200 mm dia. | Each | 2 | | |
| | 900 mm dia | Each | 0 | | |
| 3 4 | SUPPLY & FIXING OF CALL BELLS | | | | |
| | Supplying and fixing on wall call bell buzzer (approved by Consultant) suitable for 240 volt single phase A.C supply including interconnection, etc as required | Each. | 1 | | |
| D. COMPUTER POWER WIRING | | | | | |
| 4 1 | INDUSTRIAL TYPE SOCKET AND PLUG DB | | | | |
| | Supply and installation of Industrial type socket and match plug with controlling MCB in sheet steel enclosure for UPS incoming & outgoing only | | | | |
| 4 1 1 | 20A, 3P+E, 5 pin industrial type socket with matching plug and 20/25A,TP /20A DP MCB control including interconnection at UPS incoming. | Each | 2 | | |
| 4 1 2 | 20A, 2P+E, 3 pin industrial type socket with matching plug and 20A/25, DP MCB control including interconnection At UPS outgoing. | Each | 2 | | |
| 4 1 3 | Supply and installation of 2 no 32A 4P on load change over switch, 100A copper busbar, 3 nos 20A SP MCBs etc in sheet steel enclosure for computer distribution system | Each | 1 | | |
| 4 2 | COMPUTER DISTRIBUTION BOARD | | | | |
| | Supply and installation of f metallic double door MCB Distribution Board with MCB having breaking capacity of 10 KA (minimum) or RCBO of 300 mA sensitivity complete with neutral earth link interconnection, painting, mounted on flat iron frame on wall/flushed with finished wall by chase cutting, mending good to original finish painting etc as required Name plate & number of DBs are to be fixed up on front door of DBs for their identification | | | | |
| 4 2 1 | UPS Distribution Board (DB) | | | | |
| | SPN12 way consumer unit double door MCB DB complete with neutral of earthlink and the following RCBO / MCBs | | | | |
| | Incoming | | | | |
| | 1 no 240 V 40 A DP MCB | | | | |
| | Outgoing | | | | |
| | 10nos 240V, 6A/10A, SP, MCBs | | | | |
| | Complete board as above | Each | 2 | | |
| 4 2 2 | UPS DP Box | | | | |
| | Incoming | | | | |
| | 2 no 240V, 40A DP, MCB | | | | |
| | Outgoing | | | | |
| | 2 nos, 240 V, 40A, DP, MCB | | | | |
| | With Incluster Complete board as above | Each | 4 | | |

| | | WIRING | | | |
|-------|---|--------|-------|--|--|
| 4.3 | SUBMAIN WIRING | | | | |
| | Submain wiring with 1100 V grade, single core, PVC insulated flexible copper conductor cable (IS 694) through suitable size heavy duty PVC. conduit/casing capping (ISI marked embossed on conduit surface) complete with junction box, circular box, elbows, bends and other accessories surface on wall above false ceiling or concealed by chase cutting on wall, as per site condition, mending good all damages to original finish, interconnection, painting etc as required to be completed in all respect | | | | |
| 4.3.1 | From LDB to plug socket DB & from outgoing of plug socket DB with 4 nos 6 sq mm + 2 no. 2.5 sq.mm. (green colour for earth) PVC insulated flexible FR copper conductor cable in suitable size PVC conduit/casing capping | Mtr | 50.00 | | |
| 4.3.2 | From outgoing of UPS plug socket to CDB with 2 nos 6 sq mm + 1 no 2.5 sq mm (green colour for earth) PVC insulated flexible FR copper conductor cable in suitable size PVC. FRconduit | Mtr | 40.00 | | |
| 4.4 | COMPUTER SOCKET OUTLET CLUSTER POINT WIRING | | | | |
| | Computer socket outlet cluster point wiring with 1100 V grade 3 nos single core (1 for earth, green colour) 2.5 sq mm. PVC insulated flexible FRLS copper conductor cable conforming to IS 694 through 20 mm PVC conduit (ISI mark embossed on conduit surface) and conduit accessories partly through concealed in wall, embedded in floor, partly on surface above false ceiling and partly through partition or through flexible conduit from DB to computer socket outlet cluster as detailed below and upto connection of 2 nos socket clusters in 1 (one) circuit connecting by looping method. The work includes supply and fixing of modular type socket outlet clusters components as detailed below. | | | | |
| 4.4.1 | With 2 nos. 2.5 sq mm + 1 no 1.5 sq mm (green colour for earth) PVC insulated copper wire in 20 mm dia PVC conduit / casing capping (for each computer power point) | Mtr | 60.00 | | |
| 4.4.2 | Each computer switch socket outlet cluster comprising the following | | | | |
| | 2 nos. 6A 2/3 pin modular type shuttered socket (below table) | | | | |
| | 2 no. 16 /6A 6 pin modular type shuttered socket (below table) | | | | |
| | 1 nos 16A modular type controlling switch (above table) | | | | |
| | 1 nos Modular type front cover of suitable size | | | | |
| | 1 nos Modular type MS / PVC box of suitable size | | | | |
| | 1 nos. Indicating lamp | Each | 7 | | |
| | 1 nos Pach core 1.0 Mtr | Each | 10 | | |
| | 1 nos Pach core 2.0 Mtr | Each | 10 | | |
| 4.5 | EARTHING (COMPUTER) | | | | |
| 4.5.1 | Earthing the installation as per I.E. rules conforming to IS 3043-1987 or its latest amendment by making earth station with 600mm x 600mm x 6mm (minimum) thick G.I. plate electrode to be installed such that its top edge shall be at a minimum depth of 3.0 metre below ground level after preparation of ground with charcoal and salt and connecting the 25mm x 6mm G.I. earth lead-in-strip (upto 10 metre length) by bolting and then brazing to the copper plate complete with copper bolts of suitable length double nuts and washers including supply and fixing of 50mm dia partly perforated G.I. pipe with funnel for watering arrangement. The G.I. earth lead-in-strip shall be PVC sleeved / insulated throughout the total length and the underground portion to be laid through suitable size heavy duty rigid PVC conduit (ISI mark embossed on conduit surface) at an average depth of 500mm below ground level | | | | |
| | The earthing installation should be provided with 300mm x 300mm and 300mm depth inside dimension masonry inspection pit with CI hinged cover having locking arrangement and restoring the surfaces duly rammed | Each | 1 | | |

| | | | | | |
|-------|--|------|-------|--|--|
| 4 5 2 | Earth lead-in-strip exceeding 10 metre length as mentioned in above item with supply and fixing of 25mm x6mm GI strip having PVC sleeved / insulated to be fixed on wall surface with tinned copper bar saddles / clamps at an interval of 300mm etc as required to be completed in all respect Minimum clearance between wall surface and copper earth lead-in-strip should be 6 mm | Mtr. | 10.00 | | |
|-------|--|------|-------|--|--|

E. TELEPHONE SYSTEM

| | | | | | |
|-----|---|------|--------|--|--|
| 5 1 | SUPPLYING AND LAYING OF P V C CONDUIT Supplying and laying of 25mm dia heavy duty rigid PVC conduit complete with junction box, circular box, elbows, bends, couplers and other accessories as required by chase cutting on wall through partition The work includes making good all damages to original finish, painting etc as required | Mtr. | 250.00 | | |
| 5 2 | TELEPHONE SOCKET Supply and fixing on wall / furniture / partition modular type Telephone socket outlet (RJ 11) with M.S./PVC box & hylan sheet cover as shown in the drawing complete with chase cutting, mending good etc as required | Each | 0 | | |
| 5 3 | COMPUTER DATA SOCKET Supply and fixing on wall / furniture / partition recessed type D - Link make Computer data socket (RJ 45) with mounting box & front plate as shown in the drawing complete with chase cutting, mending good etc as required. | Each | 10 | | |
| 5 4 | TELEPHONE JUNCTION BOX Supply and fixing of 10 pair telephone junction box "Krone" make on wall /furniture/partition with hinged cover and screwed type tag strips complete with chase cutting, mending good, painting etc as required | Each | 0 | | |
| 5 5 | TELEPHONE WIRING Supplying and laying of 2 pair 0 50 mm dia Telephone cable through pre - laid rigid PVC conduit as shown in the drawing or otherwise as directed by the consultant from Telephone Junction box to Telephone socket outlet including Interconnection, mending good, etc. as required to be completed in all respect. | Mtr. | 0.00 | | |
| 5 6 | COMPUTER DATA WIRING Supplying and laying of CAT - 6 cables through pre-laid rigid PVC conduit as shown in the drawing or otherwise as directed by the consultant from server to Computer Data Socket (through HUB, if required) including interconnection mending good, etc. as required to be completed in all respect. | Mtr. | 250.00 | | |
| 5 7 | TELEPHONE CABLE Supplying and laying of 5 pair 0 50 mm dia unarmoured Telephone cable on surface by M.S. bar saddles complete with termination etc, as required | Mtr. | 0 00 | | |
| 6 | F. INVERTER - SYSTEM | | | | |
| 6 1 | Supplying new Inverter 2.5 KVA - Microtec/ EXIDE or equivalent make 220V AC and 24V DC | Nos | 1 00 | | |
| | i) 1500AH 12V Exide/ Amaron or equivalent make battery tubular type | Nos | 2.00 | | |
| | ii) Battery Rack | Nos | 1 00 | | |
| | iii) Battery link and installation | Set | 1.00 | | |
| 6 2 | INVERTER DP Box : | | | | |
| | <u>Incoming</u> | | | | |
| | 2 no 240V, 40A DP, MCB | | | | |
| | <u>Outgoing</u> | | | | |
| | 2 nos, 240 V, 40A, DP, MCB | | | | |
| | With Incluster Complete board as above. | Each | 2 | | |
| 6 3 | INVERTER SOCKET OUTLET CLUSTER POINT WIRING | | | | |
| | Computer socket outlet cluster point wiring with 1100 V grade 3 nos single core (1 for earth, green colour) 2 5 sq mm PVC | | | | |

| | | | | | |
|--------------------------------------|--|------|-------|--|--|
| | Insulated flexible FRLS copper conductor cable conforming to IS : 694 through 20 mm PVC conduit (ISI mark embossed on conduit surface) and conduit accessories partly through concealed in wall, embedded in floor, partly on surface above false ceiling and partly through partition or through flexible conduit from DB to computer socket outlet cluster as detailed below and upto connection of 2 nos socket clusters in 1 (one) circuit connecting by looping method The work includes supply and fixing of modular type socket outlet clusters components as detailed below. | | | | |
| 6.3.1 | With 2 nos. 2.5 sq.mm + 1 no 1.5 sq mm (green colour for earth) PVC insulated copper wire in 20 mm dia PVC conduit / casing caping. (for each computer power point) | Mtr | 60.00 | | |
| 6.4 | EARTHING (INVERTER) | | | | |
| 6.4.1 | Earthing the installation as per I.E. rules conforming to IS 3043-1987 or its latest amendment by making earth station with 600mm x 600mm x 6mm (minimum) thick G I plate electrode to be installed such that its top edge shall be at a minimum depth of 3.0 metre below ground level after preparation of ground with charcoal and salt and connecting the 25mm x 6mm G I earth lead-in-strip (upto 10 metre length) by bolting and then brazing to the copper plate complete with copper bolts of suitable length double nuts and washers including supply and fixing of 50mm dia partly perforated G I pipe with funnel for watering arrangement The G I earth lead-in-strip shall be PVC sleeved / insulated throughout the total length and the underground portion to be laid through suitable size heavy duty rigid PVC conduit (ISI mark embossed on conduit surface) at an average depth of 500mm below ground level | | | | |
| | The earthing installation should be provided with 300mm x 300mm and 300mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangement and restoring the surfaces duly rammed | Each | 1 | | |
| 6.4.2 | Earth lead-in-strip exceeding 10 metre length as mentioned in above item with supply and fixing of 25mm x 6mm G I strip having PVC sleeved / insulated to be fixed on wall surface with linned copper bar saddles / clamps at an interval of 300mm etc as required to be completed in all respect Minimum clearance between wall surface and copper earth lead-in-strip should be 6 mm | Mtr | 10.00 | | |
| G. HVAC | | | | | |
| 7 | Supply, Installation, Testing, commissioning of Air-conditioning Systems (5 star- Inverter) as follows (including 1yr on site warranty) | | | | |
| 7.1. | Hi- wall split air conditioning system, of required tonnage, complete with outdoor units, indoor units, Remote control unit, mounting Racks, MS cage with lockable door, wiring etc all complete Make Blue star/carnor/voltas | | | | |
| a | Tonnage 2.0 TR | unit | 0 | | |
| b | Tonnage 1.5 TR | unit | 5 | | |
| c | Tonnage 1.0 TR | unit | 3 | | |
| 7.2 | ceiling mounted cassette split air-conditioning system, of required tonnage, complete with outdoor units, remote control unit mounting rack, ms cage with lockable door, wiring etc all complete make Blue star/carnor/voltas | | | | |
| a | Tonnage 2.0 TR | unit | 0 | | |
| 7.3 | Supply and installation of Refrigerant piping with insulation | ft | 100 | | |
| 7.4 | Supply and installation of soft drain pipe for hi wall units | ft | 90 | | |
| 7.5 | Supply and installation of bracket for outdoor units including chising and plastering of wall for copper and drain and electrical line | unit | 8 | | |
| TOTAL FOR INTERIOR ELECTRICAL | | | | | |
| ADD GST @ 18% | | | | | |
| GRAND TOTAL AMOUNT | | | | | |

POINTS TO BE CONSIDERED

| | |
|------|---|
| i) | Megger test of the newly installed electrical system shall be mandatory |
| ii) | Bidders shall make themselves familiar with actual site conditions before submitting their rates. |
| iii) | The successful bidder assigned to execute the work shall make necessary arrangements to dismantle the existing wiring system, electrical fittings, A C wirings, UPS & LAN in a phased manner and also temporarily re- install the same to facilitate normal functioning of the Branch/Office according to actual site conditions. The work shall also include shifting of existing location of UPS, battery and computer hubs, if the approx layout so demands. The quoted rates shall have to be accordingly worked out by the bidders and no separate claims on these accounts shall be entertained |
| iv) | During the execution period, the contractors shall ensure presence of a competent electrician in order to maintain normal office |

ONLY EMPANELED VENDORS CAN APPLY

INVITATION TO TENDER

**INSTRUCTION TO TENDERERS AND GENERAL CONDITIONS OF
CONTRACT**

FOR

**ELECTRICAL, A.C & LAN WORKS
OF
UCO BANK – RAMNAGAR BRANCH**

AT

RAMNAGAR UNDER HOOGHLY ZONE

NAME OF THE CONTRACTOR:.....

.....

ADDRESS:

.....

ARCHITECTS

ARCHCON VISION

**57, MODEL TOWN, GARIA, KOLKATA – 700 084,
CONTACTNo.-+91-033- 4069-9676/9433110818**

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SECTION – I

TENDER NOTICE

UCO Bank invites sealed tender offers from Bank's empanelled contractors under Electrical work under Financial Category- B of work value more than Rs. 5.00 Lakhs and less than Rs. 10.00 Lakh

- a) Name of the Work: Electrical, A.C & LAN works of the UCO bank, Ramnagar branch.
- b) Location of Work: UCO Bank, Ramnagar Branch, Ramnagar, Purba Medinipur, WB.
- c) Time of Completion: 20 days (Twenty days)
- d) Earnest Money: Rs.9937/- (Rupees Nine Thousand Nine Hundred Thirty Seven only) to be deposited in the form of Bank Draft/ Pay order drawn in favor of UCO BANK payable at Hooghly. [without Earnest Money in proper form Tender will be rejected]. MSMEs are exempted from paying tender /RFP fee/cost, EMDs as per MSME Act 2012. For getting the benefits in case of MSME firms, contractors/agencies should submit exemption certificate issued from the relevant authorities.
- e) Cost of Tender document: Rs 199 /-(Rupees One Hundred Ninety Nine only) to be deposited in the form of Bank Draft/ Pay order drawn in favor of UCO BANK payable at Hooghly. [without Tender Cost in proper form Tender will be rejected]. MSMEs are exempted from paying tender /RFP fee/cost, EMDs as per MSME Act 2012. For getting the benefits in case of MSME firms, contractors/ agencies should submit exemption certificate issued from the relevant authorities
- f) Availability of Tender Documents: Can be downloaded from bank's website from 26.12. 2025 to 15.01.2026 (www.ucobank.com). No tender document shall be issued from the office of Zonal Office.
- g) Submission of tenders: At UCO Bank, Zonal Office, Hooghly, 21, New G.T.Road, Uttarpara, Dist. – Hooghly, Pin: 712258 till 3:00 pm on 15.01.2026.
- h) Opening of Tender: At 1:00 pm. On 16.01.2026 at UCO Bank, Zonal Office, Hooghly, 21, New G.T.Road, Uttarpara, Dist. – Hooghly, Pin: 712258.
- i) Mode of submission of Tender: The tender documents duly completed in all respect & accompanied with relevant enclosure/ annexure shall be sealed in an envelope of appropriate size & marked as "Tender for Electrical, A.C & LAN works for UCO Bank, Ramnagar Branch". The Tender Documents should invariably include following among others: -
- a) Envelope marked No.1: Envelope marked no 1 shall contain earnest money deposit, Cost of tender documents, Copy of last empanelment letter with UCO Bank , GST Certificate, conditions of contract and technical specifications with covering letter furnished in the specified form.

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- b) Envelope marked no.2: Envelope marked no.2 shall contain the price bid , summary sheet , drawings and approved make of materials.
- c) Envelope no 3: Envelope marked no1&2 shall be put in a large envelope of adequate size marked no 3 which shall be properly sealed. This envelope, which shall be endorsed on the outside face.
- j) Clarification, if any to be obtained from: ARCHCON VISION, 57, MODEL TOWN, GARIA KOLKATA –700 084, CONTACT No.-+91-033- 4069-9676/9433110818
- k) Defect Liability Period: 12 months from the date of virtual completion of work.
- l) Validity of tenders: Three calendar months from the date of submission of tender.
- m) Sales Tax, Work Contract Tax or any other tax on materials or on finished work in respect of this contract whether in vogue or likely to be imposed in future, shall be payable by the Contractor and the Employer will not entertain any claim whatsoever in this respect at any time. Rates should include all these taxes ----- Etc. Only GST will be paid by the Bank as per Govt. laws. Tendered must have valid GST certificate.
- n. Tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected. Conditional tenders will be summarily rejected.
- o. Delay in submission of tender arising out of the postal or any other irregularities at any stage will not be considered. The Bank will not be responsible for damage in transit incase of postal delivery/ courier service delivery.
- p. The employer does not bind to accept the lowest tender and reserves to itself the right to reject any or all the tenders received without assigning any reason/s thereof. The notification of award of contract will be made to the successful tendered in writing by the Bank.

Yours faithfully

For and behalf of UCO Bank

Sd/-
The Chief Manager,
UCO Bank, Z.O, Hooghly,
21, New G.T.Road, Uttarpara,
Dist. – Hooghly, Pin: 712258

SECTION – II**GENERAL RULES AND INSTRUCTIONS FOR THE GUIDANCE OF TENDERERS**

Tenders are invited on behalf of UCO Bank, Zonal Office, Hooghly, 21, New G.T.Road, Uttarpara, Dist. – Hooghly, Pin: 712258, for Electrical, A.C & LAN works at Ramnagar branch document consisting of the plans, specifications, bill of quantities and drawings of various classes of work to be performed and set of conditions of contract to be complied which can be downloaded from bank's website www.ucobank.com.

1. It is proposed that the intending tenderers may contact at the office of the Architects M/S Archcon Vision, 57, Model Town, Garia, Kolkata – 700 084. The intending tenderer shall visit the site and make him self thoroughly acquainted with the local site condition, nature and requirements of the work, facilities of the work, facilities of transport condition, effective labour and materials, access and storage for materials and removal of rubbish etc.
2. As the entire work is to be completed in all respects within the stipulated period of 20 days and to achieve the target date of entire completion if be required/ essential, the work for day and night shifts have to be carried out by the tenderer/ contractor, for that at no extra cost, charges shall be paid to the contractor by the employer. While quoting rates, in addition to above, whether mentioned or not the rate shall always include the charges for day to day removal of debris/ spoils from site in conformity with the local Municipal rules. Bank's normal work shall not be jeopardized in any way for undertaking the work. Contractor shall include in his quoted rate for supplying the plastic sheets/ tarpaulin to cover Banks materials as protection against getting damaged either due to dust or water while executing the work. Tenders in only printed forms downloaded from the Bank's website should be placed in sealed covers & submitted. The tenderers should quote in figures as well as in words the rates, and amount. The language for filling tender documents shall be in English. The amount for each item should be marked out as requisite total given. The initials of the tenderers with the seal of the firm shall attest all corrections. In case any discrepancy /difference is found on checking between rates quoted by the contractor in words and figures or in the amount worked out by him, the following procedure shall be followed: -
 - a) When there is a difference between the rates in figures and in words, the rate, which corresponds to, the amounts worked out by the contractor, shall be taken as correct.
 - b) When the contractor does not work out the amount of any item or it does not correspond with the rate written either in figures or in words, then the rate quoted by the contractors in words shall be taken as correct.
 - c) When the rate quoted by the contractor in figures and in words tallies but the amount is not worked out correctly rate quoted by the contractor shall be taken as correct & not the amount.
 - d) Amendments as mentioned above shall be based on the tender marked original only.

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4. Special care should be taken to write the rates in figures as well as in words and the amounts in figures only in such way that interpolation is not possible. Amount should be written in figures. In case of figures the words "Rs". Should be written before the figures of rupees and words paise after the decimal figures, e.g. Rs 2.15 and in case of words, the word "Rupees" should precede and the word "Paise" should be written at the end, unless the rate is in whole rupees and followed by the words "only", it should invariably be up to two decimal places. While quoting the rate in schedule of quantities, the word "only" should be written closely following the amount and it should not be written in the next line.
5. The acceptance of a tender will rest with the Chief Manager, UCO Bank, Zonal Office, Hooghly, 21, New G.T.Road, Uttarpara, Dist. – Hooghly, Pin: 712258 which does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all the tenders received without assignment of any reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected. The bank reserves the right to accept the tender in full or in part and the tenderer shall have no claim for revision of rates or other conditions if his tender is accepted in parts.
6. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who resort to canvassing will be liable to rejection.
7. An item rate tender containing percentage below/ above will be summarily rejected. However, when a tenderer voluntarily offers a rebate for payment within a stipulated period, this may be considered.
8. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Employer Consultant shall be communicated to the Employer /Consultant.
9. Sales Tax, Work Contract Tax or any other tax on materials or on finished work in respect of this contract whether in vogue or likely to be imposed in future, shall be payable by the Contractor and the Employer will not entertain any claim whatsoever in this respect at any time. Rates should include all these taxes ----- Etc.
10. No employee of the Employer is allowed to work as a Contractor for a period of two years of his retirement from Employer services, without the previous permission of the Employer. This contract is liable to be cancelled if either the Contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Employer/ Consultant as aforesaid before submission of the tender or engagement in the Contractor's service.
11. The tender for work shall remain open for acceptance for a period of 03 months from the date of opening of tenders. If any tenderer withdraws his tender before the said period, then the employer shall be at liberty to forfeit the earnest money paid along with the tender.
12. It will be obligatory on the part of the tenderer to sign the tender in all pages of tender documents.

- 13 The Earnest money deposit of the contractor whose tender is accepted shall be forfeited in full in case he does not start the work by the stipulated date mentioned in the letter of award.
- 14 The Earnest money deposit of unsuccessful bidders will be refunded to them WITHOUT ANY INTEREST within 03 weeks from the date of award of work to the successful bidder.
- 15 A certificate of completion shall accompany the final bill from the consultant. Payment of final bill shall be made after deduction of retention money as specified which sum will be refunded in the manner as stated conditions. In acceptance of payments of the final bill by the contractor would indicate that he will have no further claim in respect of the work executed.

16 CLEARING SITE ON COMPLETION

On completion of the work the contractor shall clear away and remove from the site all constructional plant, surplus materials, rubbish and temporary work of every kind and leave the whole of the site and the work clean and in workmanlike conditions to the satisfaction of the employer /consultant.

17 TERMS OF PAYMENT

- a) 50% to be released as one running bill after completion of 50% work of total value.
- b) 40% to be released after entire work is completed and handed over to the satisfaction and certification of the consultant.
- c) 10% to be released after the defect liability period of 12 months, without any interest

18 IDLE LABOUR

Whatever the reasons may be no claim for idle labour; additional establishment cost of hire and labour charges of tools and plants would be entertained under any circumstances.

19. LIQUIDATED DAMAGE

The delivery and installation should be adhered to as stipulated time, failing which; liquidated damages @ 1% per week or part thereof subject to maximum of 10 % of the total order value shall be levied.

20. TERMINATION OF CONTRACT BY EMPLOYER

If the contractor being a company go into liquidation whether voluntary or compulsory or being a firm shall be dissolved or being an individual shall be adjudicated insolvent or shall make an assignment or a composition for the benefit of the greater part, in number of amount of his creditors or shall enter into a deed or arrangement with his creditors, or if the Official Assignee in insolvency, or the Receiver of the Contractor in insolvency, shall repudiate the contract or, if a receiver of the contractor's firm appointed by the court shall be unable , within fourteen days after notice to him requiring him to do so ,to show to the reasonable satisfaction of the Employer that he is able to carry out and fulfill the contract ,and if so required by the Employer to give

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reasonable security there for , or if the Contractor shall suffer execution to be issued , or shall suffer any payment under this contract to be attached by or on behalf of and of the creditors of the Contractor, or shall assign , charge or encumber this contract or any payments due or which may become due to the contractor, there under or shall neglect or fail to observe and perform all or any of the acts matters of things by this contract, to be observed and performed by the contractor within three clear days after the notice shall have been given to the contractor observe or perform the same or shall use improper materials or workmanship in carrying on the work or shall in the opinion of the employer not exercise such due diligence and make such due progress as would enable the work to be completed within due time agreed upon and shall fail to proceed to the satisfaction of the employer after three clear days notice requiring the contractor so to do shall have been given to the contractor as hereinafter mentioned or shall abandon the contract, then and in any of the said cases, the employer may not withstanding previous waiver determine the contract by the notice in writing to the effect as hereinafter mentioned but without thereby affecting the powers of the employer of the obligations and liabilities of the contractor the whole of which shall continue in force as fully as if the contract had not been so determined as if the work subsequently executed had been executed by or on behalf of the contractor.

IF THE CONTRACT HAS BEEN TERMINATED THE EMPLOYER RESERVES THE RIGHT TO RECTIFY THE ITEMS AND COMPLETE THE JOB IN THE RISK AND COST OF THE TERMINATED VENDOR BY ANY OTHER APPROVED VENDOR.

The bank reserves the right to cancel or postpone the tenders at any stage without assigning any reason.

SECTION –III**FORM OF TENDER**

To
 The Chief Manager,
 UCO Bank, Z.O, Hooghly,
 21, New G.T.Road, Uttarpara,
 Dist. – Hooghly, Pin: 712258

Sir,

Re: Electrical, A.C & LAN works for the UCO Bank Ramnagar branch.

- 1) I/we refer to the tender notice issued by your consultants M/s. Archcon Vision, Architecture, Interior design, HVAC and V-Sat Consultants, 57, Model Town, Garia, Kolkata –700084 on your behalf for Interior works in connection with the above.
- 2) I/We do hereby offer to perform, provide, execute, complete and maintain the work in conformity with drawings, conditions of contract specifications, bill of quantities for the sum of Rs at the respective rates quoted in the schedule of quantities.
- 3) I/We have satisfied myself/ ourselves as to the site conditions, examined the drawings and all aspects of the site tender conditions. Subject to above, I/We do hereby agree, should this tender be accepted in whole or in part, to:
 - A: Abide by and fulfill all the terms and provisions of the said conditions annexed hereto:
 - B: Complete the work within 20 days, as stipulated in two or three shifts if considered necessary by the consultants at no extra cost to the Employer.
- 4) I/We have deposited earnest money of RS. _____ In the form of Crossed Demand draft / pay order /Banker's Cheque which, I/We note, will not bear any interest and is subject to forfeiture solely at Bank's discretion:
 - i) If the work is not commenced by me/us within 07 (seven) days from the date of issue of formal work order
 - Or
 - ii) If the offer is withdrawn within the validity period of acceptance.
 - iii) If the contract is not executed within 90 days from award of contract.
- 5) I/We understand that you are not bound to accept the lowest or any tender you receive.

6) The acceptance of this tender shall constitute a binding of any contract and any failure as mentioned in item 04. Above shall constitute a breach of contract by us and the tender accepting authority shall be entitled to have the work executed at our risk and to claim extra cost \ expenditure incurred by them from us.

7) Our Bankers

i)

ii)

iii)

8) Name of partners / directors of our firm :

i)

ii)

iii)

iv)

Yours Faithfully

Signature: _____

Name: _____

Designation: _____

SECTION –IV**ARTICLES OF AGREEMENT**

Articles of agreement made the day of between the UCO Bank, Z.O, Hooghly, 21, New G.T.Road, Uttarpara, Dist. – Hooghly, Pin: 712258 (Hereinafter called the employer) which expression should include its successors and assignee of the one part and (Hereinafter called the contractor) of the other part, which expression should include its successor and assignee. Whereas the employer is desirous of executing the Electrical & LAN work for setting up of RAMNAGAR branch and has caused drawings and specifications describing the work to be prepared by M/s Archcon Vision, 57, Model Town, Garia Kolkata – 700084 (hereinafter called the consultants) and whereas the said drawings, the technical specifications and the schedule of items and quantities have been signed by and on behalf of the parties hereto. And whereas the contractor has agreed to execute upon & subject to the conditions set forth herein & schedule of items & quantities, general conditions of contract, special conditions including other conditions etc. technical specifications & all correspondences exchanged by or between the parties from the date of tender notice till the award of work, both letters inclusive, (all of which are collectively hereinafter referred to as the said conditions) the work shown upon the drawings & or described in the said specification & included in the schedule of items & quantities at the respective rates therein set forth amounting to the sum as therein arrived at or such other sum as shall become payable there under (Hereinafter referred to as the said contract amount)

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the said contract amount to be paid at the times in the manner set forth in the said conditions, the contractor shall upon and subject to the said conditions execute and complete the work shown upon the drawings and described in the said specifications and the schedule of items and quantities.
2. The employer shall pay the contractor the said contract amount or such other sum as shall become payable, at the times and in the manner specified in the said conditions.
3. The consultant in the said conditions shall mean the said M/S Archcon Vision, 57, Model Town, Garia Kolkata – 700084 or in the event of their ceasing to be the consultant for the purpose if this contract for whatever reason such other person or persons as shall be nominated for that purpose by the Employer, provided always that the person subsequently appointed to be consultant under this contract shall be entitled to disregard or overrule any previous decision or approval or direction given or expressed in writing by the consultant for the time being.
4. The said conditions and appendices thereto shall be read and considered as forming part of this agreement and the parties here to shall respectively abide by, submit themselves to the said conditions and perform the agreements on their part respectively in the said conditions contained.
5. The plan agreement and documents mentioned herein shall form the basis of this contract.

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6. This contract is neither a fixed lump sum contract nor a piece work in respect of the Electrical, A.C & LAN works for UCO BANK, Ramnagar branch as per the scope described and to be paid for according to actual measured quantities at the rates contained in the schedule of rates probable quantities or as provided in the said conditions.
7. The employer reserves to itself the right of altering the drawings and nature of the work by adding to or omitting any items of work or having portions of the same carried out without prejudice to this contract.
8. Time shall be considered as the essence of this contract and the contractor hereby agrees to commence the work on the day on which he is instructed to take possession of the site, or from the 7th day after the date of issue of formal work order as provided for in the said conditions whichever is later and to complete the entire work within 20 days subject nevertheless to the provisions for extension of time.
9. All payment by the Employer under this contract will be made only by UCO Bank, Zonal Office, Hooghly.
10. Any dispute arising under this agreement shall be referred to arbitration in accordance with the stipulation laid down in the general conditions of contract.
11. That the several parts of this contract have been read by the contractor and fully understood by the contractor.
12. This agreement can be terminated by either client on giving 3 months notice normally. However, in exigent circumstance, the services of the contractor can be terminated by giving notice of lesser period.
13. If the rate quoted by the contractor for any item/ items are not workable or abnormally lower or higher (+/- 25%) than the market rate/estimated rate the bank may demand Bank guarantee from the contractor for satisfactory completion of these work. The bank guarantee amount will be difference amount between total quoted price & approved estimate. This bank guarantee will be released after completion of the entire works to the satisfaction of the bank. If the submitted total amount is below or above 15% of the estimated amount then Detail Analysis of Rates to be given. Without this analysis submitted tender will be cancelled.

IN WITNESS WHEREOF the parties here have to set their hands the day and year first above written.

Signed, and delivered by. ----- By the hands of MR -----(name and designation)
it's ----- and constituted attorney in the presence of

1.

2.

Address:

Address:

.....

.....

Witness

Signed and delivered by the hands of MR. ----- Partner of ----- in the
presence of

1.

2.

Address:

Address:

.....

.....

SECTION –V

GENERAL CONDITIONS OF CONTRACT

Except where provided for in the description of the individual items in the schedule of quantities and in the specifications and conditions laid down hereinafter and in the drawings, the work shall be carried out as per standard specifications and under the direction of the employer /consultant.

1. **Interpretation:** In construing these conditions, the specifications the schedule of quantities tender and Agreement, the following words shall have the meaning herein assigned to them except where the subject or context otherwise requires.

2. **Employer:** The term employer shall denote UCO Bank, Zonal Office Hooghly, 21, New G.T.Road, Uttarpara, Dist. –Hooghly, Pin: 712258 or any of its employees representative authorized on their behalf.

3. **Consultant:** The term consultant shall mean M/S Archcon Vision 57, Model Town, Garia, Kolkata – 700084 or in the event of their ceasing to be consultant for the purpose of this contract such other persons /as the employer shall nominate for the purpose.

4. **Contractor:** The term contractor shall mean the individual or firm or company whether incorporated or not, undertaking the work and shall include legal representative of such individual of such firm or company or successors of such firm or company as the case may be and permitted assigns of such individual of firm or company.

5. **Site:** The site shall mean the site where the work is to be executed at Ramnagar branch.

6 **Drawings:** The work is to be carried out in accordance with drawings, specification, the schedule of quantities and any further drawings, which may be supplied, or any other instructions, which may be given by the employer consultant during the execution of the work. All drawings relating to work given to the contractor together with a copy of specification and schedule of quantities are to be kept at site and the employer /consultant shall be given access to such drawings or schedule of quantities wherever necessary. In case any detailed drawings are necessary contractor shall prepare such detailed drawings and or dimensions sketches there for and have it confirmed by the employer consultant prior to taking up such work. The contractor shall ask in writing for all clarifications on matters occurring anywhere in drawings, specifications and schedule of quantities or to additional instructions at least 20 days ahead from the time when it is required for implementation so that the employer /consultant may be able to give decision thereon. The work shall mean the work to be executed or done under this contract.

7. **SCOPE:** The work consists of Electrical, A.C & LAN works for UCO BANK, Ramnagar branch. In accordance with the drawings, specifications and schedule of items and quantities. It

includes furnishing all material, labour, tools and equipment and management necessary for and incidental to the construction and completion of the work. All work during its progress and upon completion, shall conform to the lines, elevations and grades as shown on the drawings furnished by the employer /consultant and to furnish by the employer/consultant. Should any detail essential for efficient completion of the work be omitted from the drawings and specification it shall be the responsibility of the contractor to inform the employer /consultants concurrence, so that upon completion of the proposed work the same will be acceptable and ready for use.

Employer/consultant may in their absolute discretion issue further drawings and or written instructions, details, directions and explanations which are here after collectively referred to as the employer /consultants instructions in regard to:

A: The variation on modification of the design, quality or quantity of work or the addition or omission or substitution of any work:

B: Any discrepancy in the drawings or between the schedule of quantities and or drawings and or specification.

C: The removal from the site of any defective material brought thereon by the contractor and the substitution of any other material thereof.

D: The demolition removal and /or rejection of any work executed by the contractor /s

E: The dismissal from the work of any persons employed thereupon.

F: The opening up for inspection of any work covered up.

G: The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the maintenance period (retention period)

The contractor shall forthwith comply with and duly execute any work comprised in such employer/consultants instructions provided always that verbal instruction direction and explanations given to the contractor or his representative upon the work by the employer/consultant shall if involving a variation be confirmed in writing to the contractor within seven days. No work for which rates are not specifically mentioned in the priced schedule of quantities shall be taken up without written permission of the employer/consultant. The employer in consultation with the consultant shall fix rates of items not mentioned in the priced schedule of quantities.

8. DETAILED DRAWINGS AND INSTRUCTIONS: The employer through its consultant shall furnish with reasonable promptness additional instructions by means of drawings or otherwise necessary for the proper execution of the work. All such drawings and instructions shall be consistent with the contract documents true developments thereof and reasonably inferable there from. The work shall be executed in conformity therewith and the contractor shall not work without proper drawings and instructions. Immediately after receipt of the work order of the contract the contractor shall prepare a program schedule and submit the same to the employer through the consultant for approval which shall indicate the dates for the starting and completion of the various activities at the stages of construction.

9. **COPIES FURNISHED:** The contractor on the signing hereof shall be furnished by the employer through its consultant free of charge with a copy of the priced schedule of quantities rates, two copies of each of the said drawings and one copy of specifications and two copies of all further drawings issued during the progress of the work. Any further copies of such drawings required by the contractor shall be supplied on payment of the charges thereof by the contractor.

10. **OWNERSHIP OF DRAWINGS:** All drawing specification and copies thereof furnished by the employer through its consultant are the property of the employer. They are not to be used on other work, and with the execution of the signed contract set are to be returned to the employer on request at the completion of the work.

11. **FAILURE BY CONTRACTORS TO COMPLY WITH EMPLOYERS /CONSULTANTS INSTRUCTION:** If the contractor after receipt of written notice from the employer and or the consultant requiring compliance within ten days fails to comply with such further drawings and or employer /consultant instructions, the employer through the consultant or other persons, may employ other persons to execute any such work whatsoever that may be necessary to give effect thereto and pay all cost incurred in connection therewith and same shall be recoverable from the contractor by the employer on the certificate of the consultant as a debt or shall have right to deduct same form any money due or to become due to the contractor.

12. **TENDERER SHALL VISIT THE SITE:** Intending tenderer shall visit the site and make him self thoroughly acquainted with the local site condition, nature and requirements of the work, facilities of transport condition, effective labor and materials, access and storage for materials and removal of rubbish. The tenderer shall provide in their tender cost for carriage, freight and other charges including all taxes etc. as also for any special difficulties and including all taxes etc as also for any special difficulties and including police restriction for transport etc for proper execution of work as indicated in the drawings. The successful tenderer will not be entitled to any claim of compensation for difficulties faced or losses incurred on account of any site condition which existed before the commencement of the work or which in the opinion of the employer /consultant might be deemed to have reasonably been inferred to be so existing before commencement of work.

13. **TENDERS:** The entire set of tender paper downloaded from bank's website and should be submitted fully priced and also signed on the last page together with initials on every page. Initial/signature will indicate the acceptance of the tender papers by the tenderer. The schedule of quantities shall be filled in as follows:

- i) The Rate column to be legibly filled in ink in both English figures and English words.
- ii) Amount column to be filled in for each item and the amount for each subhead as detailed in the schedule of quantities.
- iii) All corrections overwriting are to be initialed with the seal of the firm.
- iv) In case of any errors/omissions in the quoted rates, the rates given in the tender marked original shall be taken as the correct rates.

No modification writing or corrections can be made in the tender papers by tenderer.

The employer reserves the right to reject the lowest or any tender and also to discharge any or all of the tenders for each section or to split up each and every item should be correct, workable and self-supporting. If called upon by the employer consultant detailed analysis of any or all the rates shall be submitted. The employer/consultant shall not be bound to recognize the contractor analysis.

The work will be paid for as measured work on the basis of actual work done and not as lump sum contract. All items of work described in the schedule of quantities are to be deemed and paid as complete work in all respects and details including preparatory and finishing work involved, directly, related to and reasonably detectable from the drawings specification and schedule of quantities and no further extra charges will be allowed in this connection. In the case of lump sum charges in the tender in respect of any item or work, the payment of such time of work will be made for the actual work done the basis of lump sum charges as will be assessed to be payable by the employer consultant.

The employer has power to add to omit from any work as shown in drawings or described in specifications or included in schedule of quantities and intimate the same in writing but no addition, omission or variation shall be made by the contractor without authorization from the employer no variation shall vitiate the contract.

14. **AGREEMENT:** The successful contractor shall sign the agreement as per draft agreement within 7 days from the date of issue of formal work order and he shall pay for all stamps and legal expenses, incidental thereto. However the written acceptance of the tender by the employer /consultant on behalf of employer will constitute a binding contract between the employer and the person so tendering whether such formal agreement is or is not subsequently executed.

15. **ROYALTIES & PATENTS:** The contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save the employer harmless from loss on account thereof.

16. **PERMITS AND LICENCES:** Permits and licenses for release of materials which are under government control will be arranged by the contractor. The employer will render necessary assistance, sign any forms or applications that may be necessary.

17. **GOVERNMENT AND LOCAL RULES:** The contractor shall confirm to the provisions of all local to the provisions of all local byelaws and acts relating to the work and to the regulations etc. of the government and local authorities and of any company with whose system the structure is proposed to be connected. The contractor shall give all notices required by the said act, rules, regulations and bye laws etc and pay all fees payable to such authority for execution of the work involved. The cost, if any shall be deemed to have been included in his quoted rates, taking into account all liabilities for licenses, fees for footpath encroachment and restorations etc. and shall indemnify the employer against such liabilities and shall defend all actions arising from such claims or liabilities.

18. **TAXES AND DUTIES:** The tenderer must include in their tender prices quoted for all duties, royalties, excise, sales tax, work contract tax or any other taxes or local charges if applicable. No extra claim on this account will in any case be entertained.

19. **QUANTITY OF WORK TO BE EXECUTED:** The quantities shown in the schedule of quantities are intended to cover the entire new structure indicated in the drawings but the employer reserves the right to execute only a part or the whole or any excess thereof without assigning any reason therefore. If at any after the commencement of the work, the employer consultant shall for any reason whatsoever not require the whole work thereof as specified in the tender to be carried out the consultant employer shall give notice in writing of the fact to the contractor who shall have no claim to any payment for compensation whatsoever on account of any profit or advantage with which he might have derived from the execution of the work in full, but which he did not derive in consequence of the full amount of the work not having been carried out, neither shall he have any claim for compensation by reason of any alterations having been made in the original specification ,drawings ,designs and instructions which shall involve any curtailment of the work as originally contemplated.

20. **EARNEST MONEY/ SECURITY DEPOSIT & RETENTION MONEY:** The tenderer will have to deposit an amount of Rs 8,055.00/- in the form of crossed demand Bank Draft/Pay Order/Banker's cheque drawn in favor of UCO payable at Durgapur from any nationalized Bank at the time of submission of tender as an earnest money. The employer is not liable to pay any interest on the earnest money. The earnest money of the unsuccessful tenderers will be refunded without any interest 21 days after the award of work or after the expiry of the validity period of the tender, whichever is earlier. In respect of the Successful Tenderer, Earnest money deposited at the time of submission of tender shall be retained as security deposit & returned to the vendor after successful completion of the works.

Retention money @ 10 % will be deducted from final bill of the accepted value of the tender. This retention money shall be refunded to the successful contractor without any interest 14 days after successful completion of the defects liability period of 12 months provided the contractor has satisfactorily carried out all the work and attended to all defects in accordance with the condition of the contract. In case the contractor fails to do so appropriate amount shall be deducted by the Bank from retention money.

21 **CONTRACTOR TO PROVIDE EVERYTHING NECESSARY:** The contractor shall provide everything necessary for the proper execution of the work according to the intent and meaning of the drawings, schedule of quantities and specifications taken together whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there from and if the contractor finds any discrepancies therein they shall immediately and in writing refer the same to the employer /consultant whose decision shall be final and binding . The contractor shall provide himself for ground and fresh water for carrying out the work at his own cost. The employer shall on no account be responsible for the expenses incurred by the contractor for hired ground of fresh water obtained from elsewhere.

The rates quoted against individual items will be inclusive of everything necessary to complete the said items of work within the contemplation of the contract, and beyond the unit price no extra payment will be allowed for incidental or contingent work, Labour and /or materials inclusive of all tax and duties whatsoever except for specific items, if any stipulated in the tender documents.

The contractor shall supply fix and maintain at his own cost for the execution of any work all tools tackles machinery's and equipment's and all the necessary centering, scaffolding, staging, planking, timbering, strutting, shoring, pumping, fencing, boarding, watching and lighting by night as well as by

day required not only for the proper execution and protection of the public and safety of any adjacent roads, streets, walls houses buildings all other erections matters and things and the contractor shall take down and remove any or all such centering ,scaffolding, planking ,timbering etc shall be required or when so to do and shall fully reinstate and make good all matters and things disturbed during the execution of work to the satisfaction of the employer /consultant.

22. TIME OF COMPLETION, EXTENSION OF TIME AND PROGRESS CHART

A. Time of completion: The entire work is to be completed in all respects within the stipulated period of 20 days, from the date of issue of formal work order. Time is the essence of the contract and shall be strictly adhered to by the contractor.

The work shall not be considered as complete until the employer consultant have certified in writing that this has been completed and the defects liability period shall commence from the date of such certificate.

B. PROGRAMME CHART TO BE PROVIDED: During the period of construction the contractor shall maintain proportionate progress on the basis of the program chart submitted by the contractor immediately before commencement of work and agreed to by the employer consultant.

23. CLEARING SITE AND SETTING OUT WORK: The site shown on the plan shall be cleared of all obstruction, loose stone and materials rubbish of all kinds.

24. MATERIALS WORKMENSHP, SAMPLES, TESTING OF MATERIALS: All the materials specified to be maintained and the contractor shall have to carry out tests on materials and workmanship in approved materials testing laboratories or as prescribed by the employer.

25. REMOVAL OF IMPROPER WORK: The employer consultant shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time to times as may be specified in the order of any materials which in the opinion of the employer consultant are not in accordance with specifications or instruction .In case the contractor refuses to comply with the order the employer consultant shall have the power to employ and pay other agencies to carryout the work and all expenses consequent thereon or incidental thereto as certified by the employer consultant shall be borne by the contractor or may be deducted from any money due to or that may become due to the contractor .No objection certificate may be given by the consultant, shall relieve the contractor from his liability in respect or unsound work or bad materials.

26. MEASUREMENT: The consultant shall from time to time intimate to the contractor that he requires the work to be measured, and the contractor shall forthwith attend or send a qualified agent to assist the consultant or the consultants representative/employers representatives in taking such measurements and calculations and to furnish all particulars or to give all assistance required by either of them.

27. ACTION WHERE NO SPECIFICATION: In the case of any class of work for which there is no such specification in technical specification, such work shall be carried out in accordance with the I.S. specification and in the event of there being no I.S. specification, then in such case the work shall carried out in all respect in accordance with the instructions and requirements of the consultant /employer.

28. CONTRACTOR NOT TO DEPOSIT MATERIALS IN A MANNER THAT MAY CAUSE INCONVENIENCE TO THE PUBLIC: The contractor (s) shall not deposit materials on any site, which will seriously cause inconvenience to the public. The Consultant may require the contractor to remove any materials, which are considered by him to be a danger or inconvenience to the public or cause them to be removed at the contractor's cost.

29. PAYMENTS

- a) All bills shall be prepared by the Contractor in the form prescribed by the Employer/Consultant, format enclosed. In the bill it has to be shown deductions for all previous payments, retention money, etc. Advance / adhoc payment for work actually executed will not be normally made. However, adhoc payment may be made at the discretion of Consultant /Employer in case of exigency.
 - b) The Consultant /Employer shall issue a certificate after due scrutiny of the Contractor's bill stating the amount due to the Contractor from the Employer and the contractor shall be entitled to payment thereof, by the Employer.
30. The contractor shall work in close co ordination with other agencies to avoid rework/damage and ensure timely completion.
31. Any damage to the work before the building is handed over is to be replaced or made good at the contractor expense to the entire satisfaction of the consultant.
32. The quantities indicated are subject to change .The payment of the bill will be made as per actual measurement at site and will be certified by the Consultant and cleared by the employer.
33. The tender shall sign each and every page of the tender documents including the drawings attached hereto.
34. The consultant shall have power to insist to the contractor to submit the sample /color/ test certificate from any Govt. Authorized agent of any materials to be used in the work, where the expenditure is to be borne by the contractor.
35. 10% of the total value of work will be retained as retention money from Contractor's final bill which shall be released without any interest after the defect liability period of twelve months provided the contractor has satisfactorily attended to all defects if any, in this period.
36. In case of any dispute the matter will be referred to the Assit. General Manager, Zonal Office, Hooghly for an arbitration, whose decision shall be final and binding on both parties.
37. For litigation if any arising there of, the competent court at Kolkata alone will have jurisdiction.

SECTION VI**SPECIAL TERMS AND CONDITIONS**

1. Name of the work : Electrical, A.C & LAN works for UCO BANK, Ramnagar branch.
2. Location : UCO Bank , Ramnagar branch, Ramnagar, purba Medipur.
3. Scope of Works : As in 1 & 2 above and as further detailed in instruction to Tender.
4. Date of Commencement : Within 7 (seven) days from issue of work order or site hand over which ever is later.
5. Defect liability period : 12 (Twelve) months from the date of completion certificate Issued by the consultant/employee.
6. Earnest Money : Rs. 9937/-
7. Initial security deposit : Initial security deposit amount will be same as EMD amount which will be refunded after satisfactory completion of work.
8. Limit of variation : No extra /additional work should be carried out by the contractors without prior consent approval. Any sample to be made shall be at your cost for approval.
9. Validity of the tender : 3 (Three) months after opening the tender.
10. Insurance : Successful contractors shall have to take out statutory labour laws, workmen compensation Act, Insurance policy/ Comprehensive Insurance policy for the duration of the work covering all aspects such as fire hazards, earthquake, third party risk etc. They should submit receipt of premium paid to the UCO BANK, Hooghly Zonal Office prior to commencement of the work.
11. Completion time and Liquidated Damage : The entire job will be completed within 20 days (Thirty days) from the date of the work order. In the event of your failure to complete the work in all respects including site clearance and Reinstatement of damaged proportion within The stipulated time. Liquidated damage @ 1% per week of delay or part thereof shall be levied subject to a maximum of 10% of the total order value.
12. Return of EMD to unsuccessful: The Earnest money deposit of Bidders unsuccessful bidders will be refunded to them WITHOUT ANY INTEREST within 21days from the date of award of work to the successful bidder.

13. Force Majeure: Any delay in or failure of the performance of either part hereto shall not constitute default hereunder or give rise to any damage, if any, to the extent such delay or failure of performance is caused by occurrences such as Acts of god or an enemy, expropriation or confiscation of facilities by Government authorities, Acts of war, rebellion, sabotage or fires, floods, explosions, riots or strikes. The contractor shall keep records of the circumstance referred to above and bring these to the notice of the Engineer-in-charge/site – In charge in writing immediately on such occurrences. The amount of time, if any, lost on any of these counts shall not be counted for the contract Period. One decision of the owner arrived at after consultation with the contractor, shall be final and binding. Such a determined period of time shall extended by the owner to enable the contractor to complete the job within such extended period of time. If the contractor is prevented or delayed from performing any of his obligations under this agreement by force majeure, the contractor shall honor the circumstance constituting the force majeure and the obligations, performance of which is thereby delayed or prevented, within Seven days of the occurrence of the events.

CERTIFICATE

1. The Measurement on the basis of which the above entries for the running bill no... .. were made have been taken jointly on.....and are recorded at pagestoof measurement book no.....

2. The work recorded in the above mentioned measurement has been done at the site satisfactorily as per tender drawings, conditions and specifications.

Signature of the contractor Signature of the consultant Signature of the Employer

Date: Date: Date:

Place: Place: Place:

We hereby certify that an amount of RS..... (Rupees.....) may be paid to M/Sagainst their bill no Dated subject to verification of all other previous payments, if any made to them on this account, cost of materials supplied to the contractor , if any ,and income tax and any other tax deduction as per rule .The Total payment including this should not, however, exceed RS.....

SIGNATURE OF CONSULTANT

PROFORMA FOR APPLICATION FOR EXTENSION OF THE TIME PERIOD

1. Name of the contractor:
2. Name of the work as given in the agreement:
3. Estimated tender amount:
4. Date of commencement of work as per agreement:
6. Period for which extension of time availed previously:
7. Period for which extension is applied for:
8. Hindrances on account of which present extension is applied:
 - a) Nature of hindrance:
 - b) Date of occurrence:
 - d) Period for which it is likely to last:
 - e) Remarks if any:
9. Extension of time required for extra work if any:
10. Details of extra work and the amount involved:
11. Proportionate period of extension of time on estimated amount put to tender:
12. Total extension of time required for 07 & 09:
Submitted to the consultant/ employer

.....

Date.....

Signature of the contractor
Date

SECTION VII**LIST OF APPROVED MAKE OF MATERIALS FOR ELECTRICAL WORKS**

| <u>SN</u> | <u>ITEMS</u> | <u>APPROVED MAKE</u> |
|------------------|--|--|
| 1 | MS pipe ISI mark. 16 SWG | BEC / NIC |
| 2 | M.S. fittings (Bend / Elbow / G.I Saddle / 3way circular box) | BEC / NIC |
| 3 | Wire PVC insulated copper flexible wire. (FRLSH) | Finolex / R.R. Kable / Polycab |
| 4 | A.C. starter | North – West / Crabtree/ MDS Legarand/ Anchor-Panasonic |
| 5 | 250 Volt 6 Amp Piano reed type switch, socket, modular plate | Kolors/ Anchor |
| 6 | 250 Volt 6/16 Amps. 3 pin modular type switch, socket | Crabtree (Athena) /ABB (Sheron)/ MDS LRAMNAGARnd (Mosaic) / Schnider (Livia)/Anchor-Panasonic (Roma Plus) |
| 7. | Relay | ALSTOM / L & T |
| 8. | Capacitor | Mamal / L&T |
| 9. | Current Transformer | Kappa / L&T / Schneider (CG) A.E. |
| 10. | Changeover Switch | L&T/ HPL / GEC / Havells |
| 11. | Amps meter & Voltmeter. 96 x 96 mm (Analog) | AE / IMP / L&T ALSTOM/ HPL / Havells |
| 12. | Miniature Circuit Breaker & MCB Distribution Boards, RCBO | MDS / ABB / L&T (Hager) / Schneider (CG) / Siemens / LK fuga / Havells/ Anchor-Panasonic |
| 13. | Amoured Cable | NICCO / Fort Gloster / Havells / Polycab |
| 14. | Telephone Socket RJ - 11 | Crabtree / ABB / MDS/ Anchor-Panasonic |
| 15. | Telephone Cable (0.51 mmsq) 10/20 pair | National / Delton / Netco / Finolex / Retco |
| 17. | Lugs | Dowells |
| 18. | Terminal Connector | ESSEN |
| 19. | SFU / SPN / TPN Sheet metal housing / Open execution front handle with housing | L & T / Siemens / Havells |
| 20. | Telephone Connector | KORN type |
| 21. | Selector Switch (Rotary type) | Kaycee / A.E./ L& T/ Siemens |
| 22. | Rigid PVC Conduit (MMS) | BEC / Kalinga / Plaza / AKG / Precession/Polycab/ Anchor |

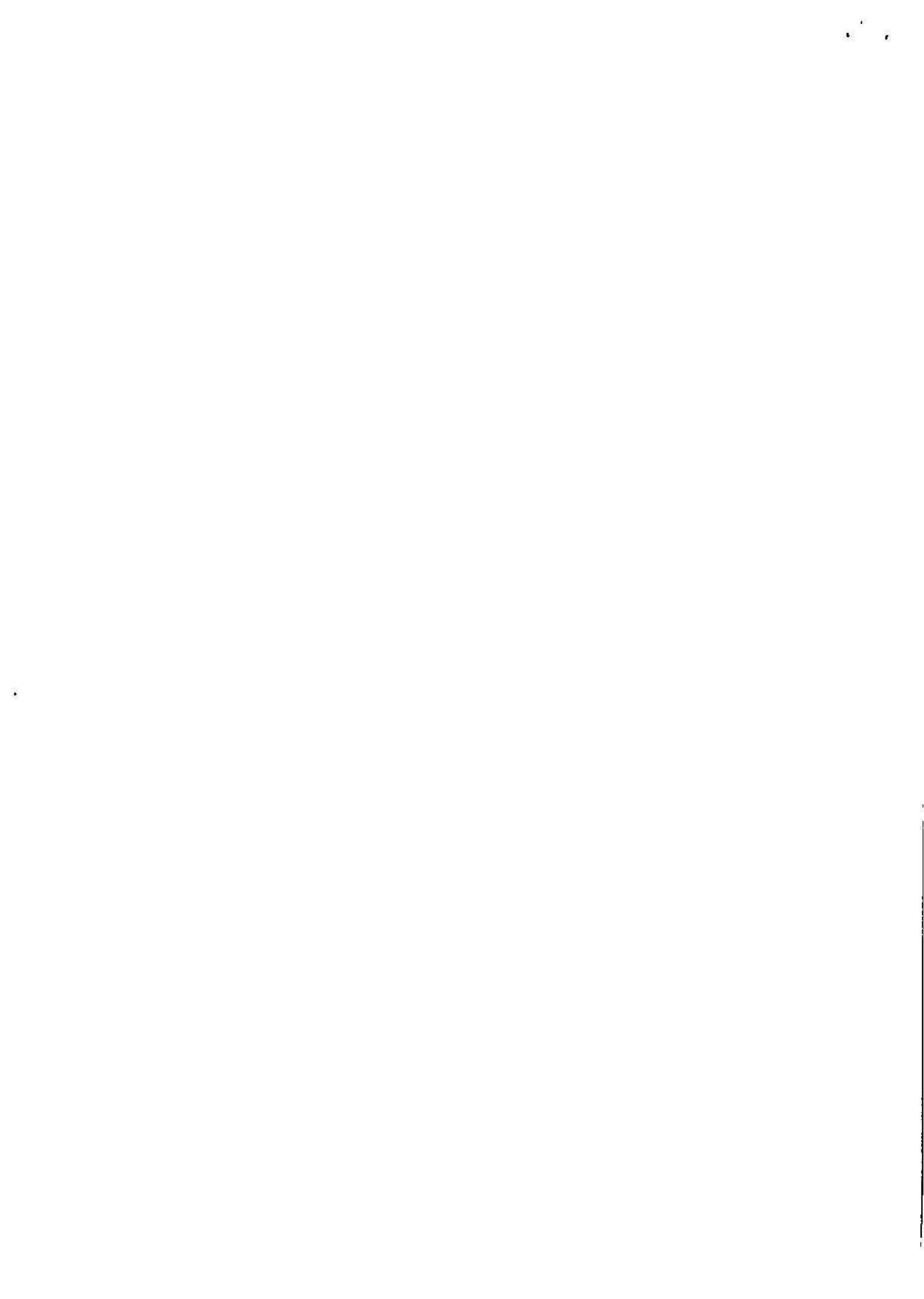
UCO –RAMNAGAR BRANCH

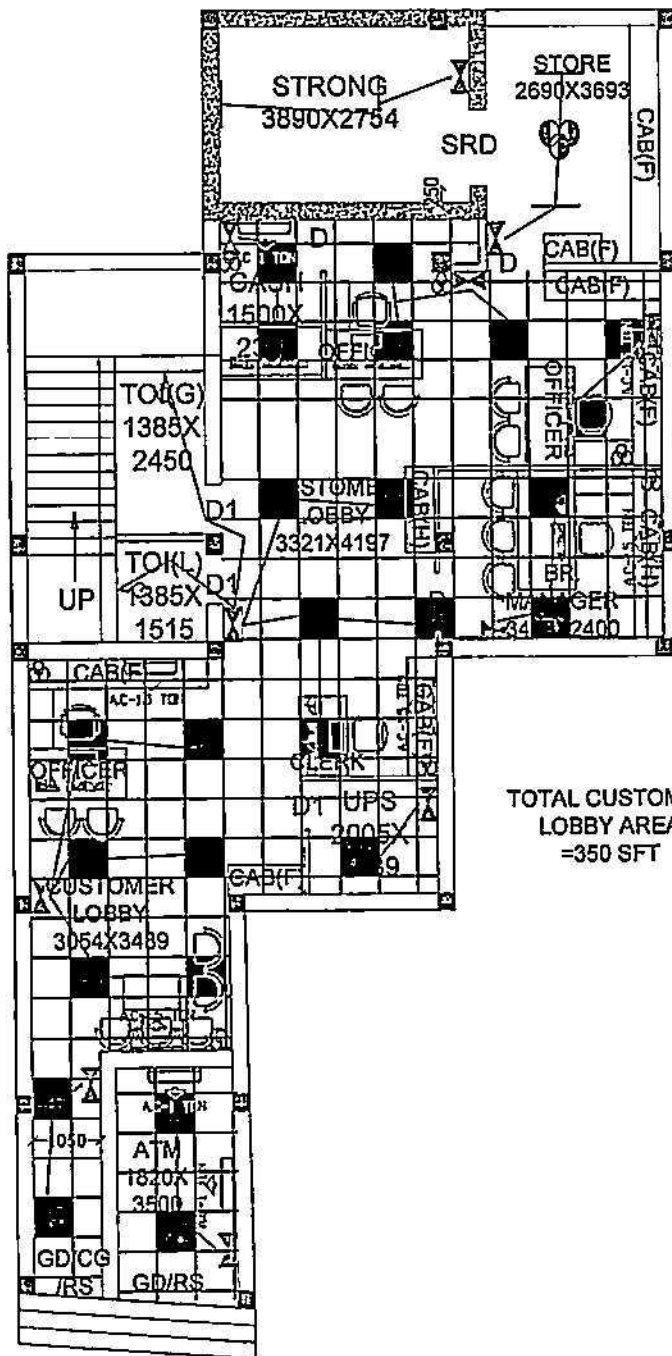
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|-----|--|---|
| 23. | Sliding fuse / DZ fuse | Bharat Lender / BCH |
| 24. | PVC casing (20 mm) | Precession / Supreme / Oriplast |
| 25. | Clock switch / Time switch | L & T/ MDS / GIC / T & C |
| 26. | PVC Tape | Steel Grip / Anchor |
| 27. | Join box (6" x 4" MS box) heavy type | Local Make |
| 28. | Call Bell | Anchor / Max / Roma |
| 29. | Brass cable gland | Arun (heavy type) / Dowells |
| 30. | LED Indicator (bright type) | Mikadov / L&T/ MDS |
| 31. | PVC Flexible pipe | Hanuman / Precession / Kalinga |
| 32. | Metal Clad socket & plug having scraping earth arrangement | Siemens / L& T/ MDS / Schneider |
| 33. | MCCB | Siemens / L& T/ MDS / Havells /Anchor-Panasonic |
| 34. | Light fittings | Havells/ Wipro/ Anchor-Panasonic |
| 35. | Exhaust Fan | E.P.C / G.E.C / Crompton/ Usha/Polar |
| 36. | Wall mounting (Osylating Type) / Pedestal Fan | Orient / Crompton / Khaitan/Polar/ Usha |
| 37. | All other items not covered above | As per sample approved by Employer/ Consultant |

NOTE: The contractor shall use only above mentioned material or equivalent make to be approved by the Consultant. All other materials shall confirm to the specifications laid down. The tenderer shall take this into account while tendering rates / prices. The Consultant/Owner has got every right to select any of the above Makes for the Project. However Owner/Consultant before Execution shall be approved the samples of every material including all fixing accessories.

**LIST OF APPROVED MAKE OF MATERIALS FOR LAN
WORKS**

| <u>SN</u> | <u>ITEMS</u> | <u>APPROVED MAKE</u> |
|------------------|---|---|
| 1. | Cat 6 Cable | Finolex, Lucent, D-link, Molex |
| 2. | RJ45, Front plate, Socket, IO Box | D-link, Lucent, HCL, Amp ,Molex |
| 3. | 25mm dia PVC rigid conduit (MMS) | Precession, A.K.G,Plaza, Kalinga, Polycab, Anchor |
| 4. | 16 SWG MS sheet Floor Junction Box (250x250x35)mm | Local make |
| 5. | 24 port Switch | D-link, Netgear, Whaywe (3 com) |
| 6. | 24 port Jack panel | D-link, Lucent, HCL, Amp |
| 7. | 19" Rack 9U with glass door | APW, HCL, Vero – President |
| 8. | Mounting cord 7'-0" | D-link, Lucent, HCL |
| 9. | Mounting cord 4'-0" | D-link, Lucent, HCL |
| 10. | All other items not covered above | As per sample approved by Employer/Consultant |





| ELECTRICAL LEGEND | |
|-------------------|---------------------------|
| | 6/16A SOCKET(RAW) |
| | 2X6/16A 5PIN SOCKET(UPS) |
| | DATA PORT (RJ45 SOCKET) |
| | LED TUBE LIGHT |
| | DOWN LIGHT 12 WATT |
| | 2'X2' SQUARE LIGHT |
| | NORMAL LIGHT SWITCH BOARD |
| | WALL BRACKET LIGHT |
| | EXHAUST FAN |
| | EXHAUST FAN FOR STRONG RM |
| | WALL FAN |
| | CEILING FAN |
| | HI WALL UNITS |
| | CASSETTE UNITS |
| | PANEL BOX |

GROUND FLOOR

| | | | |
|---|------------|-----------------|---|
| PROPOSED ELECTRICAL LAYOUT OF RAMNAGAR BRANCH UCO BANK UNDER HOOGHLY ZONE | OPTION- 01 | SCALE- | ARCHCON VISION 57, Model Town, Gaira, Kolkata-700 084 Dial. (033) 24361029, 09433110818 |
| | DWG NO: | DATE-12.12.2025 | |
| | | | ARCHITECTURE, INTERIOR DESIGN, LANDSCAPE DESIGN, TOWN PLANNING |

