

# **BILL OF QUANTITY FOR ELECTRICAL WORKS FOR INDIAN BANK SALON BRANCH RAIBAREILLY.**

| S.NO. | PARTICULAR OF ITEMS  | QTTY | UNIT | RATE   | PER  | AMOUNT |
|-------|--|------|------|--------|------|--------|
|       |  |      |      | RS. P. |      | RS. P. |
| 1     | SUPPLYING & DRAWING PVC SHEATHED , PVC INSULATED UNARMORED AL CABLE 1.1 KV GRADE AND 4 CORE 22 SQMM ALONG WITH 1 NOS. G.I. WIRE 8 SWG ON WALL/CEILING BY SADDLES AT SUITABLE INTERVAL AND TERMINATION OF CABLE AT BOTH ENDS BY PROPER SOCKET.  | 22   | MTR  |        | MTR  |        |
| 2     | SUPPLYING & DRAWING PVC SHEATHED , PVC INSULATED UNARMORED AL CABLE 1.1 KV GRADE AND 2 CORE 16 SQMM ALONG WITH 1 NOS. G.I. WIRE 8 SWG ON WALL/CEILING BY SADDLES AT SUITABLE INTERVAL AND TERMINATION OF CABLE AT BOTH ENDS BY PROPER SOCKET.  | 16   | MTR  |        | MTR  |        |
| 3     | Supplying and drawing 16x4 armoured AL cable   | 20   | MTR  |        | EACH |        |
| 4     | SUPPLY& FIXING 100 AMP CUT-OUT FOR MAIN PANAL.   | 1    | SET  |        | EACH |        |
| 5     | S/F 100 AMP MAIN SWITCH SIDE HANDLED . INCLUDING SUITABLE SIZE WIRE PROPER INCMING & OUTGOING CONNECTION   | 1    | NO   |        | EACH |        |
| 6     | SUPPLYING, FABRICATION & INSTALLATION OF PANEL BOARD MADE BY 16 MM CRC SHEET 415 VOLT 3 PHASE COMPRISING OF FOLLOWING INCLUDING TERMINATION OF THE INCOMING & OUTGOING LINE BY PROPER SOCKET INTERCONNECTION NATURAL LINK & PAINTING INCOMING 100 AMP TPN MCCB.-1 NO<br>A) 100 AMP CHANGE OVER 4 POLE - 1 NOS.<br>B) 32 AMP SP MCB - 14 NOS.<br>C) 63 AMP SPN MCB - 3 NOS.<br>D) 100 AMP COPPER BUS BAR - 2 NOS.<br>E) AMP METER ,VOLTMETER. FUSE,C.T. COIL ETC.<br>F) 100 AMP MCCB 4 POLE 35 KA --01 NO.<br>G) 63 AMP MCB DP --04 NO. | 1    | NO   |        | EACH |        |
| 7     | A.C. SUPPLYING & DRAWING POWER LINE BY 2X4 SQMM+1X1.5 SQMM FR PVC INSULATED COPPER WIRE BY 25 MM PVC PIPE PARTLY SURFACE PROPER SADDLING INCLUDING 32 AMP INDUSTRIAL SOCKET WITH 32 AMP SP MCB.  | 4    | NOS  |        | EACH |        |
| 8     | SUPPLYING & DRAWING POWER LINE BY 2X6 SQMM+1X1.5 SQMM FR PVC INSULATED COPPER WIRE BY 25 MM PVC PIPE PARTLY SURFACE PROPER SADDLING  | 52   | MTR  |        | MTR  |        |
| 9     | SUPPLYING & DRAWING POWER LINE BY 2X4 SQMM+1X1.5 SQMM FR PVC INSULATED COPPER WIRE BY 25 MM PVC PIPE PARTLY SURFACE PROPER SADDLING  | 30   | MTR  |        | MTR  |        |
| 10    | SUPPLYING & DRAWING POWER LINE BY 2X10 SQMM+1X6 SQMM FR PVC INSULATED COPPER WIRE BY 25 MM PVC PIPE PARTLY SURFACE PROPER SADDLING   | 24   | MTR  |        | MTR  |        |
| 11    | Supplying and connection by 4 x 16 sqmm + 1x6 sqmm FRLSH PVC insulated copper wire between Main Switch and Panel by making proper end socketing including supplying 35mm pvc pipe.   | 14   | MTR  |        | MTR  |        |
| 12    | MAKING POINT WIRING FOR FAN & LIGHT BY 2X1.5 SQMM+1X1 SQMM FR PVC INSULATED SINGLE CORE COPPER WIRE BY SUITABLE SIZE PVC PIPE PARTLY CONCEALED & PARTLY SURFACE INCLUDING 6 AMP MODULAR SWITCH & SOCKET.   |      |      |        |      |        |
|       | A)SINGLE POINT CONTROLLED BY SINGLE SWITCH   | 65   | NOS  |        | EACH |        |

|    |   |    |     |  |      |  |
|----|---|----|-----|--|------|--|
| 13 | B)PLUG POINT ON SWITCH BOARD INCLUDING 2X2.5 SQMM + 1X1.0 SQMM CIRCUIT WIRING SWITCH BOARD TO MCB DB EACH BOARD SEPARATE CIRCUIT  | 10 | NOS |  | EACH |  |
| 14 | SUPPLYING AND FIXING CONCEALAD TYPE FACTORY FABRICATED 1 PHASE 240 VOLT DOUBLE DOOR SPN MCB DISTRIBUTION BOARD 12 WAY WITH RCCB AS INCOMER AND 10 NO 16 AMP MCB SP AS OUT GOING COMPLETE WITH INTERCONNECTION WITH COPPER BUS & NATURAL & EARTH LINK. | 2  | NOS |  | EACH |  |

|    |   |                   |     |      |  |
|----|---|-------------------|-----|------|--|
| 15 | Supplying and fixing concealed type factory fabricated 3 phase 400 volt TPN MCB Distribution board 4 way per phase with 63 Amp TPN RCCB of 300 mA sensitivity as incomer and 12 nos (6-25) Amp MCB SP as out going complete with interconnection with copper bus & neutral & earth link. ( A.C) | 1                 | NOS | EACH |  |
| 16 | SUPPLYING AND FIXING CONCEALAD TYPE FACTORY FABRICATED 1 PHASE 240 VOLT DOUBLE DOOR SPN MCB DISTRIBUTION BOARD 8 WAY WITH 40 AMP DP RCCB 300 MA AS INCOMER AND 6 NO 10 AMP MCB SP AS OUT GOING COMPLETE WITH INTERCONNECTION WITH COPPER BUS & NATURAL & EARTH LINK.                            | 1                 | NOS | EACH |  |
| 17 | RHS 4 WAY VTPN DB DOUBLE DOOR WITH 100 AMP MCCB 35 KA 1NO+ 16 NOS SP MCB  | 1                 | NOS | EACH |  |
| 18 | 63 AMP ROTARY SWITCH FOR UPS  | 1                 | SET | SET  |  |
| 19 | SUPPLY AND INSTALLATION OF SAFE CHEMICAL EARTHING ELECTRODE 3 M DEEP WITH BFB COMPOUND IN COMPLETE  | 2                 | NOS | EACH |  |
| 20 | DRAWING EARTH LINE WITH 6MM COPPER WIRE WITH 19 MM M.S. PIPE AND SADDLE,BUS BAR AS REQUIRED FOR PROPER COMPLETION OF THE JOB.   | 32                | MTR | MTR  |  |
| 21 | SUPPLYING AND FIXING 1 NO. 6PIN 16/6 AMP SOCKET WITH CONTROLLING SWITCH OF MODULAR TYPE INCLUDING M.S. BOX. COVER PLATE AND TOP PLATE INCLUDING 2X 2.5 SQMM + 1X1.0 SQMM WIRING IN COMPLETE.  | 10                | NOS | NOS  |  |
| 22 | SUPPLYING AND FIXING 1 NO. 6PIN 10/5 AMP SOCKET WITH CONTROLLING SWITCH OF MODULAR TYPE INCLUDING M.S. BOX. COVER PLATE AND TOP PLATE INCLUDING 3X 1.5SQMM SQMM WIRING IN COMPLETE.   | 6                 | NOS | NOS  |  |
| 23 | SUPPLYING & FIXING 4 NO. 3PIN 6AMP SOCKET & WITH 4 <b>NOS</b> CONTROLLING SWITCH IN SUITABLE SIZE BOARD FOR OUTLETS POINTS MODULAR TYPE INCLUDING 3X1.5 SQMM WIRING EACH WIRING SWITCH BOARD TO MCB DB SEPARATE   | 14                | NOS | EACH |  |
| 24 | SUPPLYING & FIXING 36 WATT PATTI TYPE LED FITTING   | 8                 | NOS | EACH |  |
| 25 | SUPPLYING & FIXING LED PANEL 15 WATT COMPLETE AS PER DRAWING.   | 18                | NOS | EACH |  |
| 26 | SUPPLYING & FIXING 450 MM WALL FAN MATEAL; BODY APPROVED MAKE INCLUDING CONNECTION.   | 10                | NOS | EACH |  |
| 27 | S/F 40 AMP DP MCB FOR INPUT OUTPUT PLUS INVERTER  | 4                 | NOS | EACH |  |
| 28 | SUPPLYING & FIXING RECESSED 2'x2' LED PANEL 40W AS PER DRAWING.   | 11                | NOS | EACH |  |
| 29 | SUPPLY AND FIXING 300MM WALL FAN  | 1                 | NOS | EACH |  |
| 30 | SUPPLY AND FIXING EXHAUST FAN 300MM METAL BODY  | 2                 | NOS | EACH |  |
| 31 | DATA POINT WITH I/O BOX IN CAT -6 WIRE  | 12                | NOS | EACH |  |
|    |   | GRAND TOTAL = RS. |     |      |  |

**TOTAL = RS.**

