

**BILL OF QUANTITY FOR ELECTRICAL WORKS FOR OF INDIAN BANK AT S.P MARG, BRANCH,  
CIVIL LINES PRAYAGRAJ**

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 35 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.	20	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.	22	MTR			MTR		
3	Supplying and drawing 16x4 armoured AL cable	24	MTR			EACH		
4	SUPPLY& FIXING 100 AMP CUT-OUT FOR MAIN PANAL.	1	NO			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 A) 100 AMP CHANGE OVER 4 POLE - 1 NOS. B) 32 AMP SP MCB - 14 NOS. C) 63 AMP SPN MCB - 3 NOS. D) 100 AMP COPPER BUS BAR - 2 NOS. E) AMP METER ,VOLTMETER. FUSE,C.T. COIL ETC. F) 100 AMP MCCB 4 POLE 35 KA --01 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	5	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	65	MTR			MTR		
9	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.	12	MTR			MTR		
10	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		
	B)PLUG POINT ON SWITCH BOARD INCLUDING 2X2.5 SQMM + 1X1.0 SQMM CIRCUIT WIRING SWITCH BOARD TO MCB DB EACH BOARD SEPARATE CIRCUIT	12	NOS			EACH		

11	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	
12	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 sensivity 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	
13	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	
14	SUPPLY AND INSTALLATION OF SAFE CHEMICAL EARTHING ELECTRODE 3 M DEEP WITH BFB COMPOUND IN COMPLETE	2	NOS		EACH	
15	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.	30	MTR		MTR	
16	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	
17	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	
18	SUPPLYING & FIXING 4 NO. 3PIN 6AMP SOCKET & WITH 4 <u>NOS</u> CONTROLLING SWITCH IN SUITABLE SIZE BOARD FOR OUTLETS POINTS MODULAR TYPE INCLUDING 3X1.5 SQMM WIRING EACH WIRING SWITCH BOARD TO MCB DB SEPARATE	15	NOS		EACH	
19	SUPPLYING & FIXING 1X40 WATT PATTI TYPE FITTING ALONG WITH 1 NOS. 40 WATT TUBE LIGHT.	8	NOS		EACH	
20	SUPPLYING & FIXING LED PANEL 1 5 WATT COMPLETE AS PER DRAWING.	18	NOS		EACH	
21	SUPPLYING & FIXING 450 MM WALL FAN MATEAL; BODY APPROVED MAKE INCLUDING CONNECTION.	11	NOS		EACH	
22	S/F 40 AMP DP MCB	2	NOS		EACH	
23	SUPPLYING & FIXING RECESSED 2'x2' LED PANEL 40W AS PER DRAWING.	15	NOS		EACH	
24	SUPPLY AND FIXING 300MM WALL FAN	1	NOS		EACH	
25	SUPPLY AND FIXING EXHAUST FAN 300MM METAL BODY	2	NOS		EACH	
26	INSTALLATION OF EXISTING SPLIT AC IN COMPLETE	5	NOS		EACH	

27	S.I.T.C. OF 12.5 SQ.MM. & 6.25 MM . DIA.COPPER REFRIGERANT PIPE WITH FOAM INSULATION BETWEEN INDOOR & OUT DOOR UNITS WITH BREAKING OF WALL FOR MAKING HOLE WHEREVER REQUIRED FOR SPLIT AIR- CONDITIONERS.	20	MTR		MTR	
	(A)S.I.T.C. .COPPER CONDUCTOR FLEXIBLE CABLE BETWEEN INDOOR & OUT DOOR UNITS THROUGH HOLES AS MADE ABOVE FOR SPLIT A.C.'S . 4 CORE	20	MTR		MTR	
	(B)DRAIN WATER PIPING CONSTRUCTED OUT OF PVC HARD PIPES. FITTING ,ACCESSORIES BENDS ELBOWS TEES HANGER SUPORT ANCHORS .ISI APPROVED FINOLEX / PRINCE MAKE (32	20	MTR		MTR	
	(C)S.I.T.C. OF L SHAPE / SUITABLE SHAPE M.S FRAME STAND FOR MOUNTING OUT DOOR UNITS ON WELL / ON FLOOR WITH ALL FIXING HARDWARES . OUT DOOR STANDS WILL BE FIXED ON TERRACE IN GROUP	5	NOS		EACH	
28	SUPPLY AND DRAWING LAN CABLE CAT 6 D-LINK BY 19MM PVC PIPE FULLY CONCEALED IO BOX ETC.	14	NOS		EACH	
<b>GRAND TOTAL = RS.</b>						

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MATERIAL SPECIFICATION		
1	PVC insulated Copper Wire (FRLS grade)	Finolex/Polycab/Havels/RR Kabel/ KEI
2	Electric Cables	Havels/Gloster/ KEI
3	ELCB+ MCB or RCCB	L&T//Siemens/GE/ Havels/MDS/ Merlin Gerin/Leagrand
4	MCBs/MCCBs/DBs	L&T//Siemens/GE/ Havels/MDS/ Merlin Gerin/Leagrand
5	Modular Switches/Sockets	Anchor ROMA/ Crabtree /M. K.
6	PVC Conduit /Pipe	AKG/ Precision/Prestoplast/Asian
7	Earthing for Bldg. & UPS	Earth Electrode as per IS: 3043-1978 / Chemical Earthing
8	Telephone cable	Delton/ITL/Polycab/Finolex/ RR Kabel
9	Changeover Switch	KEW
10	Lugs	Dowells/Jainson/Equ.
11	Low Tension SFU with HRC fuse	L & T / Siemens
12	Metal Clad Socket	Siemens/MDS /Equ.
13	ELECTRICAL FIXTURES(FAN/EXHAUST/LED LIGHT FITTING)	CROMPTON/BAJAJ/HAWELLS/ORIENT