

BILL OF QUANTITY FOR ELECTRICAL WORKS FOR ATM OF INDIAN BANK , KATRA BRANCH, PRAYAGRAJ						
S.NO.	PARTICULAR OF ITEMS	QTTY	UNIT	RATE	PER	AMOUNT
				RS. P.		RS. P.
1	S/F 4 CORE 10 SQMM CABLE	20	MTR		MTR	
2	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	
3	S/F OF 63 AMP CUTOOUT FOR INCOMING SUPPLY	0	NO		EACH	
3	A.C. SUPPLYING & DRAWING POWER LINE BY 2X6 SQMM+1X1.5 SQMM FR PVC INSULATED COPPER WIRE BY 25 MM PVC PIPE WITH 25 AMP MODULAR AC BOX.	2	NOS		EACH	
4	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	12	NOS		EACH	
	B)PLUG POINT ON SWITCH BOARD INCLUDING 2X2.5 SQMM +	1	NOS		EACH	
5	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 +	4	NOS		NOS	
6	SUPPLYING & FIXING 1X40 WATT PATTI TYPE LED FITTING	0	NOS		EACH	
7	A)SUPPLYING & FIXING LED DOWN LIGHTER 15 WATT COMPLETE	10	NOS		EACH	
8	SUPPLYING & FIXING 2'X2'LED PANEL 40W	2	NOS		EACH	
9	SUPPLY AND DRAWING LAN CABLE CAT 6 D-LINK BY 19MM PVC PIPE FULLY CONCEALED IO BOX ETC.	5	NOS		EACH	
10	INSTALLATION OF EXISTING SPLIT AC IN COMPLETE	2	NOS		EACH	
11	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.	12	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	10	MTR		MTR	
	(B)DRAIN WATER PIPING CONSTRUCTED OUT OF PVC HARD PIPES. FITTING ,ACCESSORIES BENDS ELBOWS TEES HANGER SUPPORT ANCHORS .ISI APPROVED FINOLEX / PRINCE MAKE (32 MM)	10	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	2	NOS		EACH	
12	CYCLIC TIMER FOR ATM	1	NOS		EACH	
13	INSTALLATION OF SAFE CHEMICAL EARTHING 40MMX3 M LONG	1	NOS		EACH	
GRAND TOTAL = RS.						

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MATERIAL SPECIFICATION		
1	PVC insulated Copper Wire (FRLS grade)	Finolex/Polycab/Havels/RR Kabel / KEI/OCI
2	Electric Cables	Havels/Gloster/ KEI/OCI
3	ELCB+ MCB or RCCB	L&T//Siemens/GE/ Havels/MDS/ HPL/Leagrand
4	MCBs/MCCBs/DBs	L&T//Siemens/GE/ Havels/MDS/HPL/Leagrand
5	Modular Switches/Socket	Anchor / 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/HAVELS
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/CG