

PRICE BID FOR ELECTRICAL WORK AT, PBB GAYA

ELECTRICAL WIRING, LIGHT WITH FIXTURES, FAN/EXHAUST FAN , TELEPHONE WIRING AND DATA WIRING WITH ACCESSORIES

GROUP-01:- ELECTRICAL WIRING

NO.	DESCRIPTION	QTY.	UOM	RATE	AMNT.
1	CABLE FROM MAIN BUS BAR TO PANEL BOARD:- Supply and laying of 3.5 core 50 sq.mm. Aluminium armoured cable from BSEB electric Pole to Energy meter and Panel. Complete with all respect per the direction of Bank engineer in charge.	40	Mtrs.		
2	MAIN DISTRIBUTION BOARD:- SITC of Cubical Type Pannel Board made with suitable size of 16 gauge M.S. Sheet for fixing of Cubic type main switches. Busbar Chamber, Volmeter, Ampere meter. Complete with all respect per the direction of Bank engineer in charge.				
A	Incoming:- 160Amp. 25KA,4pole MCCB-1 no. Busbar with 4nos. 25X05 mm Copper Strip Digital AVF meter CT-1 set, 0-100Amp(or as per requirement) Phase Indication LED Lamp 3 nos.(R,Y,B) LEDtype Outgoing:- 63A DP MCB- 04, 40A DP MCB- 04, 25A DP MCB- 04	1	SET		
B	ONLOAD CHANGE OVER SWITCH :- SITC of 160A on load Change over switch with suitable enclosure with provision for the service cable termination as required. Complete with all respect per the direction of Bank engineer in charge.				
3	EARTHING WORKS / ITEMS:-				
A	Provision of Earth station or neutral with 60' long 40 mm dia G.I/ pipe (tata/Jindal) deep bored 60' below from ground level earth including all required accessories. Complete with all respect per the direction of Bank engineer in charge. Power earthing:-01 no. & For Electronic devices :-01 no.	2	SET		
B	Supply and laying of 8 SWG Cu insulated Wire in 20mm dia rigid PVC conduit for earthing from the existing earth pits in PVC conduit of suitable size. For UPS room and Main panel Board. Proper connection required from earthing wire(Cu wire) to earthing electrode(GI pipe) to be done. Complete with all respect per the direction of Bank engineer in charge.	150	Mtrs.		
4	UPS PANEL/BOARD: - UPS INPUT:- MCB with enclosure box:- 40Amp, DP, 1No. UPS OUTPUT:- MCB with enclosure box:- 32Amp, DP, 1No.	2	SET		
5	COS (Change over switch):- SITC of 70A on load Change over switch with suitable enclosure with provision for the service cable termination as required. Complete with all respect per the direction of Bank engineer in charge.	2	no.		
6	ACBD 4 WAY(8+12) TPN DB FOR AC POINTS AND POWER POINTS WITH MCBs :- SITC of 4 way (8+12)Double Door MCB Distribution Board with 63 Amp. 8 pole MCB as a controller with 12Nos. 15Amp Single pole MCB in outgoing on the wall complete in all respect including connection etc. as required. (Make:- LEGRAND/L&T/HAGER/C&S/ABB/SEIMENS)	2	SET		

7	<u>LDB 12(2+10) WAY SPN LIGHT DISTRIBUTION BOARD(LDB) WITH MCBs</u> SITC of 12 way (2+10)Double Door MCB Distribution Board with 32 Amp. 2 pole MCB as a controller with 6Nos. 6Amp/10 Amp Single pole MCB in outgoing on the wall complete in all respect including connection etc. as required. (Make:- LEGRAND/L&T/HAGER/C&S/ABB/SEIMENS)	2	SET		
8	<u>CDB 12(2+10) WAY SPN COMPUTER DISTRIBUTION BOARD (CDB):-</u> SITC of 12 way (2+10)Double Door MCB Distribution Board with 25 Amp. 2 pole MCB as a controller with 6Nos. 6Amp/10 Amp Single pole MCB in outgoing on the wall complete in all respect including connection etc. as required. (Make:- LEGRAND/L&T/HAGER/C&S/ABB/SEIMENS)	2	Nos.		
9	<u>20 AMP. INDUSTRIAL TYPE METAL PLUG AND SOCKET FOR AIR CONDITIONER:-</u> SITC of industrial type Metal plug and socket board housed in a MS box with controlling 20 Amp. Single pole MCB duly mounted on the wall including connection etc as required for A.C.	12	Nos.		
10	<u>MODULAR SWITCH & SOCKETS CLUSTER:-</u>				
A	SITC of 4nos. 6A modular switch with 4no. 6A, 5Pin modular socket and 01 no. Modular Neon indicating Lamp fixed on a suitable module metal box and white front plate (Modular type) including all inter connections as required with UPS Power	20	Nos.		
B	SITC of Power point 5pin 16A switched sockets with single pole MCB fixed on a suitable module metal box and white front plate (Modular type) including all interconnection as required through Main Raw Power	4	Nos.		
C	Providing 2 meter length of flexible 3core 2.5sq.mm copper cable one end connected to plug top 15A and the other connected to the switch board inside and a suitable hook arrangement as required for hanging the cable. For Record & stationery room	2	Nos.		
11	<u>CABLING</u>				
A	<u>For AC :-</u> 3x25sq.mm armoured Aluminium cable from Main panel board to of ACDB.	50	Mtrs.		
B	<u>For Computer:-</u> 3x16sq.mm armoured Aluminium cable from Main panel board to one UPS panels	50	Mtrs.		
C	<u>For Light :-</u> 2x10sq.mm armoured Aluminium cable from Main panel board to two nos. of SPN LDB.	50	Mtrs.		
12	<u>WIRING</u> :- Supply and wiring with 1100 V grade FRLS PVC insulated multi strand copper conductor wires in surface/recessed steel conduits with suitable size on the wall/floor and supply of all fixing materials and accessories, interconnection complete as required for the raw power primary sockets.				
(i)	<u>For Computer :-</u> 2X4sq.mm + 1x4sq.mm UPS O/G to CDB (from UPS O/G to CDB) UPS Power	70	Mtrs.		

(ii)	For Computer :- 2x2.5 sq.mm + 1x2.5 sq.mm CDB to computer points (for 4nos. of CDB to 20 nos. Of computer board) UPS Power	175	Mtrs.		
(iii)	For printer & fax :- 2x2.5 sq.mm + 1x2.5 sq.mm LDB to Raw power points (from LDB to elec. board for Printer) RAW Power	75	Mtrs.		
(iv)	For AC & Power point :- 2x4sq.mm + 1x4 sq.mm ACDB to Air conditioning point & power point (from ACDB to AC points & power points) Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required	225	Mtrs.		
(V)	For Light & Fan :- 2X2.5sq.mm + 1x2.5sq.mm LDB to switch board (From LDB to Switch boards)	250	Mtrs.		
13	LIGHT & FAN POINT WIRING:-				
A	Supply & Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/recessed / recessed steel conduit, with modular switch, socket & line indicator with modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required & complete with all respect.	50	Pts		
B	IS Standard Call bell for the Branch Manager cabin as required.	1	Nos.		
14	SFU 100AMP at gound floor near to Bus bar	1	Nos.		
				TOTAL (Rs.)	

GROUP-02:- LIGHTING & FIXTURES, WALL FANS/ CEILING FAN,EXHAUST FAN**01.LIGHTING & FIXTURES**

NO.	DESCRIPTION	QTY.	UOM	RATE	AMOUNT
A	Strip light (cope light)	0	Mtr		
B	LED T-5 TUBE LIGHT (18-22 WATT) wash room	4	Nos.		
C	LED 15 WATT DOWNLIGHTER	20	Nos.		
D	LED 2X2 DOWNLIGHT LIGHTER (36 TO 40 WATT)	12	Nos.		

02. METAL BODY , 3PIN WALL FAN

	Supply and Fixing of wall/ceiling mounted fans of CG make 400mm Hi flow model.Metal body Fan, 3pin.	10	Nos.		
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03.EXHAUST FAN:-

	Supply and fixing of exhaust fan of 9" of Almonard / CG as Required,UPS room & toilet.	2	Nos.		
				TOTAL (Rs.)	

GROUP-03:-TELEPHONE & INTERNET WIRING					
NO.	DESCRIPTION	QTY.	UOM	RATE	AMOUNT
1	TELEPHONE SOCKET:- SITC of modular RJ11 telephone sockets with suitable mounting box (Modular type) including all interconnections as required.	5	Nos.		
2	TELEPHONE WIRING :- Supply and wiring of 0.5 sq.mm ,2 pair copper conductor telephone wire on surface/recessed PVC conduit pipe connection etc as required all job as per the standard specification and direction of the Bank as required.	200	Mtrs.		
3	INTERNET SOCKET :- SITC of modular RJ-45 internet sockets with suitable mounting box (Modular type) including all inter connections as required with front plate D link or equivalent make approved by the bank connections etc. as required al complete job as per the standard specification and direction of the Bank.	20	Nos.		
4	DATA CABLING:- Supply and wiring of CAT6 DATA cable wiring in recesswd surface/recessed PVC conduit pipe connection etc as required all complete job as per the standard specification and direction of the Bank.	600	Mtrs.		
5	24 PORT SWITCH:- SITC of 24 port SWITCH(Mod-DG-GS1024) D-link equivalent approved by bank connection etc. as required for CAT6. All complete job as per the standard specification as direction of the Bank.	1	Nos.		
6	24 PORT PATCH PANEL:- Supply and installation of 24 port patch panel CAT6 D-link equivalent approved by the bank connection etc as required.All complete job as per the standard specification as direction of the Bank.	1	Nos.		
7	9U RACK:- Supply and installation of 9U rack (HCL) equivalent approved by the bank .All complete job as per the standard specification as direction of the Bank.	1	Nos.		
				TOTAL(Rs.)	

GROUP-01	
GROUP-02	
GROUP-03	
TOTAL(Rs.)	
Above amount is excluding of GST	