

**FINANCIAL BID FOR ELECTRICAL WORK -PUNJAB GRAMIN BANK,
BRANCH – BO: THULIWAL, DISTT. BARNALA**

S.No.	Descriptions of items	QTY	Unit	Rate	Amount
1	LIGHT & FAN POINT (6 amp.)	50	No's		
	P & L 6 amp lights, fans, plug & five pin multi socket etc point wiring 2 x 1.5 sq. mm + 1x1.0 sq. mm PVC Insulated multi strand copper conductor cable ISI mark in conduit or under false ceiling with modular switches in MS box complete in all respect with inter connection with button holder. Works includes circuit wiring form panel to point, works also include laying of PVC pipe under wall and above ceiling.				
2	16 AMP POINT	5	No's		
	P & L 16 amp. modular switch & five pin multi socket with indicator complete with interconnections between switch & socket with wiring 2 x 2.5 sq. mm + 1x 1.5 Sq. mm PVC insulated multi strand copper conductor cable form panel to point in P.V.C pipe with MS box recess in wall connected with 32 amp MCB in the panel. (1 Manager, 1 Panty & 1UPS).				
3	32 AMP WIRING FOR AC	5	No's		
	P & F 32 amp. wiring 2 x 4 Sq. mm + 1 x 2.5 Sq. mm from panel to point of AC, wire shall be multi strand insulated by copper conductor cable .Point shall have one AC starter in nearest switch board, connected with DP MCB in the panel and controlled by 4 way isolator in the panel. Wiring shall be in wall & under ceiling in PVC pipe.				
4.	PANEL TO UPS WIRING	20	Mtr.		
	2 x 6 sq. mm PVC insulated multi strand copper conductor cable & 1,75 sq. mm ISI mark form panel to UPS including PVC conduit pipe/ false ceiling complete in all respect				
5.	COMPUTER POINT (1 FOR EACH COMPUTER)	9	Nos.		
	Installation of computer points with 5 sockets and 1 switch with indicator including wiring with 2 x 1.5 mm + 1mm sq. mm PVC insulated multi strand copper conductor cable in wall or under false ceiling with switches socket & box complete in all respect.				
6.	TELEPHONE POINT	2	Nos.		
	One No's telephone jack, complete with interconnections Modular type ISI Mark including wiring with 2 x 0.51 sq. mm copper with silver coated one pair PVC insulated sheathed twin core telephone wire (for telephone) from main line to telephone jack in MS box Recess in wall or under computer.				
7.	CALL BELL : (Manager)	1	No.		
	P & F electrical point wiring for call bell with 2 X 1.5 sq. mm PVC insulated multi strand copper conductor cable of in PVC conduit pipe wiring providing bell ceiling rose or connector & 6 amp ding done bell				
8.	TUBE LIGHT-LED (ON THE WALLS)	2	No.		
	P & F 22 watts tube light one in the cashier cabin and in the back portion complete set. The tube lights should Philips/ Bajaj/ Company.(Strong Room).				
9.	LED –BULB	5	No.		
	P & F 20 WATTS in the Strong Room, Stationary, Pantry, U.P.S. and Wash Room.				
10.	WALL FAN (METAL BODY)	7	No		
	P & F of 16" wall fan with necessary wiring and switches.				
11.	CEILING LIGHT (36 WATT LED)	15	No.		
	P & F of 2'x2' sq. LED lights of Crompton co. The rate includes the complete fitting of chowks, rods and wire i.e. complete job in all respects.				
12.	DOWN LIGHT	14	No's		
	Providing & fixing 15 W LED recessed down lighter complete with all accessories in the ceiling including giving connections complete as required. Rate should include for all necessary supports for mounting the light fitting.				

13.	CEILING FAN WITH REGULATOR:	2	No's		
	P & F of Ceiling FAN of Orient or Crompton greaves 48".				
14.	EARTHING FOR THE U.P.S & DP PANEL (WITH GUARANTEE OF 10 YEARS)	1	No		
	Supply & installation of earth stations with 600 x 600 x 3 mm thick. Copper plate electrode complete with 25 mm dia "B" class G.I. pipe for watering including funnel 30 cm masonry chamber with precast RCC cover complete with salt & charcoal filling (as per IS : 3034 – 1987) incl. copper strips 25 mm x 3 mm thick. With copper base plate up to earth level 4.5 Mtr. deep from earth level with complete wiring including 6 sq. mm copper wire from earth to UPS & panel.				
15.	PANEL : (Anchor Company)	1	No		
	Supply & installation testing & commissioning of cubical type control panel made out with 16 SWG CRCA sheet duly painted with two coat of red oxide one coat of enamel paint complete with interconnections in such a way that when main supply, security and fire alarm system remain energized both supply i.e. PSEB and E/A supply complete in all respects comprising with following items:				
i)	125 amps. 4 pole MCCB for PSEB INCOMING SUPPLY.				
ii)	Kit Kats 100 amp. – 3 no's				
iii)	100 amps. 4 pole on load change over switch (for selection of supply between E/A and PSEB)				
iv)	4 no. DP with MCB Three, for AC & one for UPS & One Spare before Generator.				
v)	4 Way TPN with isolator & 12 MCB as required for Ac & Lights Plug & Fan.				
vi)	6 no's DP MCCB for UPS, sign board & AC, 1 no's 100 amp. Bus bars before generator & one no 100 amp. Bus bar after generator.				
vii)	VAF meter including 200/5 current transformer.				
viii)	3 no. indication lamp.				
16.	UPS OUTPUT & INPUT	1	No's		
i)	Two DP 25 amps. Including box for input and output supply complete in all respect.				
ii)	8 way SPN distribution board double door with 6 no's MCB, 10 kea breaking capacity and 1 No 25 amp DP MCB ISI Mark (for UPS output supply) in MS cubical box of suitable size, necessary misc. hardware, knobs, rubber gas kept duly painted with low coats of red oxide one coat of enamel paint.				
iii)	P/F earth conducting with 8 no's copper wire earth pit to UPS panel.				
17.	EXHAUST FAN	3	No's		
	Exhaust Fans 12" Dia: 1400 rpm (Double ball bearing) Heavy duty Crompton Greaves/ Phillips.				
18.	P & F AC COPPER PIPE (TWO PIPE 1= ½" & 1= ¾" AND With TWO 2.5MM. IT SHALL BE FULLY INSULATED)	120	Rft.		
	AC CUPPER WIRE ½ & ¾" With insulation And wire, 2x4 Sq.mm. And 1x2.5 Sq.mm Complete in All Respect.				
A	TOTAL				

**ESTIMATE FOR DATA CABLING WORK
FOR PUNJAB GRAMIN BANK, BO: THULIWAL, DISTT. BARNALA**

S.N	Descriptions of items	Qty	Unit	Rate	Amount
1.	P & F Computer From Hub, Including CAT 6E Information outlet single with face plate and MOUNTING CORD 1M, & 2M, and Two module PVC box for information outlet complete with intel connection & SBM. Complete in all respect.	9	Nos.		
2.	24 port jack panel (make D- Link, HCL) with fitting complete in all respect.	1	Nos.		
3.	Charges for installation of Hub rack.	1	Nos.		
4.	P &F of U rack including fan and tray including punching of lane cable with I.O. & other end in jack panel	1	Nos.		
B	TOTAL				
TOTAL OF ELECTRICAL WORKS =					
GST (18 %)					
GRAND TOTAL					

TOTAL IN WORDS :