

FINANCIAL BID FOR ELECTRICAL WORKS

PUNJAB GRAMIN BANK - BRANCH OFFICE, KAPURTHALA

S.No.	Description of item	Qty.	Rate	Unit	Total Amount
1	Recessed P.V.C. conduit pipe wiring system with modular switches (Ch.No. 34.02) Wiring in PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5sq. mm. 1100volts grade to be laid in heavy gauge PVC conduit pipe 20mm/ 25mm dia. (ISI Marked) recessed in wall etc., complete with powder coated/anodized concealed metal boxes (1.6mm thick with Brass lugs) required for suitable number of modules (Modular accessories) for having Step type electronic fan regulators (two module) 100watts, bell push, 6Amp. 2/3 universal socket (shuttered), 16/20Amp. combined/ universal Socket (shuttered), 6/10Amp. Switches, 16/20Amp. switches with indicator etc. and covered with Frame Plate etc., PVC connector (For Fan Box and Call Bell), Steel Hooks, Sheet metal fan box (1.6mm thick shape hexagonal), Circular junction Boxes (Four way PVC 1½" deep for walls and CI 3" deep for ceiling), bonding to earth with PVC insulated copper conductor single core FR cable (ISI marked) 1sq. mm, 1100volts grade (For 6Amp. wall socket & plug control point) and other petty material etc., including the cost of above material, cutting and filling up of chases (with finishing the surface):-Item complete in all respect.				
i (a)	Wiring fan point	10		Each	
(ii)	Wiring light point	19		Each	
(iii)	Wiring call-bell point	1		Each	
(iv)	Wiring 6Amp.wall socket point	30		Each	
(v)	Wiring 6Amp.plug control comprising wall socket	30		Each	
(vi)	Wiring 16/20Amp.power plug control	5		Each	



2	SURFACE AIR CONDITIONER SUPPLY TERMINAL POINTS (USED FOR HGW, PVC CONDUIT & HDPE PIPE WIRING SYSTEM WITH MODULAR ACCESSORIES) (Ch. No. 34.07)				
(ix)	Supply and erection of air conditioner supply terminal point on surface on wall etc., complete with PVC boxes (Plastic on surface boxes) required for suitable number of modules (Modular accessories) for having 25Amp. combined/ universal Socket (shuttered) and modular motor starter 25Amp. (2 Module), covered with Frame Plate etc., & including the cost of above material and other petty material with necessary connections etc.:-				
	Wiring AC supply terminal point having 1No. 25Amp. universal Socket (shuttered) erected at AC height and 1No. Motor starter 25Amp. erected at switchboard height. Item complete in all respect.	4		Each	
3	SURFACE COMPUTER SUPPLY TERMINAL POINTS (USED FOR HGW, PVC CONDUIT & HDPE PIPE WIRING SYSTEM WITH MODULAR ACCESSORIES):				
(x)	Wiring Computer supply terminal points on surface on wall etc., complete with PVC boxes (Plastic on surface boxes) required for suitable number of modules (Modular accessories) for having 6Amp. 2/3 universal socket (shuttered), 16/20Amp. Combined/ universal Socket (shuttered), 6/10/16/20Amp. Switches and blanking plate, covered with Frame Plate etc., & including the cost of above material and other petty material with necessary connections etc.:-				
(c)	Wiring Computer terminal point having 3 Nos. 6Amp. 2/3 universal socket (shuttered), 1No. 16/20Amp. Universal Socket (shuttered), 2Nos. 16/20Amp. switch with indicator and 2Nos. blanking plate. Item complete in all respect.	6		Each	
4	SURFACE TV, TELEPHONE & NETWORKING SOCKETS OUTLET POINTS (USED FOR HGW, PVC CONDUIT & HDPE PIPE WIRING SYSTEM WITH MODULAR ACCESSORIES):				
(xi)	Wiring TV socket, Telephone socket and Networking socket points on surface etc., complete with PVC boxes (Plastic on surface boxes) required for suitable number of modules (Modular accessories) for having TV sockets. Telephone sockets RJ11 & Networking socket RJ45 (one module), covered with Frame Plate etc., & including the cost of above material and other petty material with necessary connections etc.:-				
(b)	Wiring Telephone socket point RJ11 (one module). Item complete in all respect.	4		Each	



5	SUPPLY AND ERECTION OF WIRING ACCESSORIES: (Ch.no. 34.15)			
	Supply and erection of switches, sockets and other accessories (flush piano type/modular accessories) in the existing Bakelite/ modular cover frame including fixing & connections and petty material etc.: -Item complete in all respect.			
xi	6/10amp. one way modular switch (one module)	10	Each	
xv	6amp. 2/3 Universal Modular Shuttered Socket (two Module)	15	Each	
xxvii	Bakelite batten holder large size	10	Each	
6	Copper earthing : (CH.NO.34.14)			
(i)	Earthing with 8 SWG (4mm dia.) electrolytic copper wire thimble (1No. copper thimble with suitable size steel bolt, washers & double nut) with 30cm x 60cm x 2mm thick copper plate (made cylindrical) buried below ground level in the hole of excavation having bore dia. 125mm and surrounded by salt & charcoal dust mixture (20 kg.) including fixing the copper wire run through 20mm dia. G.I. pipe (A-Class) recessed in wall and in floor etc., up to suitable Length in metre (including bore Length). G.I. pipe 20mm dia. (A-class) of suitable Length should be laid in the hole of excavation 1 feet below ground level and having GI Reducer 50mm x 20mm with PVC Cap (For pouring water) fixed on the top level of the pipe. 300mm x 300mm x 300mm deep haudi of First class bricks finished with 1:4 cement plaster and haudi covered with cast iron lid having size 300mm x 300mm (Heavy) around the hole of excavation:-			
(c)	Earthing with 8 SWG (4mm dia.) copper wire thimble with 30cm x 60cm x 2mm thick copper plate buried 19.50 metre (63.96 feet) below ground level (up to 23 metre in Length) with G.I. pipe 20mm dia. (A-class), 18metre long.Item complete in all respect.	1	Each	
7	PVC PIPES & FLEXIBLE PIPES: (CH.NO.34.12)			
	Supply & erection of PVC Conduit Pipes (ISI marked) as per IS9537:Part-III & HDPE pipes (ISI marked) as per IS:4984:1995 for wiring purposes including bends, junction boxes, Steel hooks, M.S. saddle clamps and other petty materials etc., as per PWD General Specifications:-			
ii	Heavy gauge PVC conduit pipe 25mm dia. (ISI marked 2mm thick) on surface	450	Rmt	
8	PVC INSULATED PVC SHEATHED FR ROUND FLEXIBLE COPPER CONDUCTOR CABLE: (CH NO. 34.09)			
xii	Supply and erection of PVC insulated PVC sheathed FR (2Core) round flexible wire with copper conductor cable (ISI marked) confirm to IS:694/1990 left bare in pipe or on surface with cleats of suitable size complete in all respect as desired by the Engineer-in-charge:-			

(a)	Overall size 0.5sq.mm (16/0.20mm), 2Core	60	Rmt	
(b)	Overall size 0.75sq.mm (24/0.20mm), 2Core	10	Rmt	
(c)	Overall size 1.00sq.mm (32/0.20mm), 2Core	20	Rmt	
(d)	Overall size 1.50sq.mm (48/0.20mm), 2Core	300	Rmt	
(e)	Overall size 2.50sq.mm (50/0.25mm), 2Core	245	Rmt	
(f)	Overall size 4.00sq.mm (84/0.30mm), 2Core	400	Rmt	
(g)	Overall size 6.00sq.mm (56/0.30mm), 2Core	70	Rmt	
NS	Overall size 10.00sq.mm	10	Rmt	
9	MINIATURE CIRCUIT BREAKERS/RCCB'S/RCCB'S: (CH.NO.34.16)			
	MAINIATURE CIRCUIT BREAKERS : Supply and erection of Miniature Circuit Breaker MCB's for circuit protection against overload and short circuit current fault suitable for 240/ 415 volts 50cycles AC supply with breaking capacity of 10kA, Curve-C and low watt losses as per IS/IEC 60898-1, energy limitation class-3, true contact indication, label holder facility in the existing MCB distribution board as per PWD General Specifications including connections with suitable size of thimbles/lugs:-Item complete in all respect.			
(ii)	Miniature circuit breaker single pole 6 to 32amp. (10kA, Curve-C)	41	Each	
xxii	Miniature circuit breaker double pole 6 to 32amp. (10kA, Curve-C)	12	Each	
(xvi)	Miniature circuit breaker four pole 50, 63amp. (10kA, Curve-C)	1	Each	



10	SHEET METAL DOUBLE DOOR DISTRIBUTION BOARD FOR MCB/ RCBO/ RCCB's: (CH.NO. 34.17)				
	Supply and erection of sheet metal Double Door Distribution Boards IP 43-IK09 metal door (dust protected) as per IS 8623-1&3, IEC 61439-1&3 suitable for flush mounting with fully insulated copper busbars, shrouded neutral bars, earth bars, cement spill protector, color coded interconnecting wire set, cable ties, blanking plates and circuit identifications label and of required no. of ways for mounting miniature circuit breakers/ RCBO's/ RCCB's in the distribution board (For SP&N distribution board with provision DP MCB's/ RCBO's as incomer and SP MCB's as outgoing and for TP&N horizontal distribution board with provision TPN/ FP MCB's/ RCCB's/ RCBO's as incomer and SP MCB's as outgoing) as per PWD General specifications including connections with suitable size of thimbles and bonding to existing earth etc:-Item complete in all respect.				
(ii)	SP&N Double Door Distribution Board 8 way each	1		Each	
(vi)	TP&N Horizontal Double Door Distribution Board 6 way each	1		Each	
11	SHEET METAL IRON CLAD CHANGEOVER SWITCHES : (CH.NO. 34.19)				
	Supply and erection of sheet metal Iron Clad Changeover Switch on existing surface with G.I. bolts & nuts/rag bolts and nuts etc., according to the size of holes in the body of the switch including connections with suitable size of thimbles and bonding to the existing earth as per PWD General Specifications:-Item complete in all respect.				
(vii)	IC Four Pole Changeover Switch 100amp., 415volts	1		Each	
12	SHEET METAL BUS BAR CHAMBERS (COPPER STRIPS)(CH.NO. 34.20): Supply and erection of sheet metal busbar chamber (factory fabricated) duly powder coated on existing surface with required 4Nos. of tin plated copper busbar strips of suitable length and cross sectional area mounted on DMC/ SMC moulds at sufficient distance, enclosure made of M.S. sheet 1.6mm thick with hinged cover and lock, fitted with dust excluding gaskets and secured with sufficient no. of cadmium plated iron screws and of given overall dimensions and to be fixed with G.I. bolts and nuts/ rag bolts and nuts etc. complete with all accessories including connections with suitable size of thimbles, bonding to the existing earth and painting etc. as desired by the Engineer-in-charge at site:-Item complete in all respect.				
(vii)	Bus Bar Chamber 100amp., 415volts Overall Dimensions (455mm x 455mm x 150mm) nominal	2		Each	



13	MCCB's (FOR PANELS & SHEET ENCLOSURE):(CH. NO. 34.23 B)			
	Supply and erection of Moulded Case Circuit Breaker (Panel mounting Cubical type) in the existing Cubical Panel (confirm to IEC:60947-2) having Ics=100% Icu, 100% neutral with spreader terminal links, Extended rotary handle and relevant PWD general specifications complete with G.I. Bolts, Nuts & Connection on both sides of MCCB with suitable size of thimbles etc:-Item complete in all respect.			
(ii)	MCCB Four Pole 63/80/100amp., 415volts, ≥25kA Fixed Magnetic and Adjustable Thermal Setting	2		Each
(iv)	MCCB Four Pole 160amp., 415volts, ≥25kA Fixed Magnetic and Adjustable Thermal Setting(PSEB INCOMING SUPPLY)	1		Each
14	FIXTURE (N.S. ITEMS).All below Items complete in all respect.			
i	Supply & Erection of Ceiling fans 48" Sweep deluxe model (USHA, ORTEM, HAVELLS, CROMPTON and ORIENT).	1		Each
ii	Supply and erection of Exhaust fan heavy duty 12" (300mm) Single phase 1400 RPM Make Crompton: (EXHD300-4-1mm) having MS sheet Louver ISI marked complete in all respect or equivalent make of Havells ,Bajaj and Orient as approved by Engineer in Charge of the work	2		Each
iii	Supply and erection of 1x36/40watt 2' X 2' Panel light, which includes complete fitting of chowks, rods and wire i:e complete job in all respect.	13		Each
v	Supply and erection of 72W LED Street light(LSTP=72-CDL) make crompton	1		Each
vi	Supply & erection of LED tube light 20 Watts, make Bajaj, Crompton, Philips, Havells etc complete in all respects..	5		Each
vii	Supply & Erection of Wall fans having size 16" dia. With pull cord control for speed and oscillation ON-OFF, Aerodynamically designed and balanced blade (USHA,HAVELLS, ORTEM, CROMPTON,ORIENT).	7		Each
viii	VAF meter including 200/5 current transformer(Use for Panel)	1		Each
ix	Indication lamp - 3 No's (Use for Panel)	3		Each
A	TOTAL.			
	ADD GST (18%)			
	GRAND TOTAL			
	SAY (IN RS.)		IN LAC'S	

TOTAL IN WORDS:



FINANACIAL BID FOR DATA CABLING WORK

PUNJAB GRAMIN BANK, BRANCH OFFICE, KAPURTHALA

S.N	Descriptions of items	Qty	Unit	Rate	Amount
1.	Providing CAT 6 Cable (Make D- Link) With Labor including 2 set of wires from Hub to Main Outdoor. Item complete in all respect.	55	Meter		
2.	Providing CAT 6 information out let single with face plate (make D- link). Item complete in all respect.	6	Nos.		
3.	Providing two module PVC box for information outlet complete with Intel connection & SMB. Item complete in all respect.	6	Nos.		
4.	Providing CAT 6 MOUNTING CORD 1 METER (Make D- Link). Item complete in all respect.	6	Nos.		
5.	Providing CAT 6 MOUNTING CORD 2 METER (Make D- Link). Item complete in all respect.	6	Nos.		
6.	Providing CAT 6 MOUNTING CORD 3 METER (Make D- Link). Item complete in all respect.	6	Nos.		
7.	24 port jack panel (make D- Link, HCL) with fitting complete in all respect. Item complete in all respect.	1	Nos.		
8.	Charges for installation of Hub rack. Item complete in all respect.	1	Nos.		
9.	P &F of U rack including fan and tray including punching of lane cable with I.O. & other end in jack panel. Item complete in all respect.	1	No.		
(B)	TOTAL(in Rs)				

TOTAL (In Rs)	
GST (18 %) (In Rs)	
GRAND TOTAL(In Rs)	
TOTAL (A+B)	

In words Rupees:

