

<b>BOQ FOR RENOVATION OF ELECTRICAL WORK AT CANARA BANK , BEHRI KALAN , CHARKI DADRI, BRANCH .</b>						
<b>S.No</b>	<b>Particulars</b>	<b>Quantit</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>Remark</b>
<b>I</b>	Dismantalling and Demolation of existing branch all electrical point including ups, light , fan, power point etc. That includes all Wiring , exposed MS/ PVC pipe ,including making all the connections,including cutting chases and making good the surface wherever required.	1.00	LUM SUM			
	<b>MAIN LT PANEL /DBs</b>					
<b>II</b>	Design ,Manufacture, Supplying and Commissioning of 1.6 mm thick MS sheet fabricated cubicle type ,wall/floor mounted fully recessed doors,brass cable glands for incoming and outgoing connections with inter connections with copper tapes/wires,earthing and painting with HRC fuses with volt meter,Am-meter, Selector switch ,CTS, back up fuses, toggle switches including earthing of all components with. In Coming : 125 Amp TP MCCB :1 NOS. 125 AMP Copper Bus Bar = 2 set 100 AmpFP Change over with HRC fuse. Out Going : 100 Amp TP MCCB = 1 nos. 63 AMP TPN ELCB = 2 nos. 40 AMP TPN ELCB = 3 nos. 32 AMP DP MCB = 5 nos. 25 AMP SP MCB = 10 nos. 20 AMP SP MCB = 10 nos. 25 AMP DP MCB = 1 nos.	1.00	nos.			
	<b>DISTRIBUTION BOARD</b>					
<b>III</b>	Suply and installation of 6 way, TPN 'MCB type Distribution Board(double door) flush mounted on wall, sheet metal fabricated, powder coated, having dust-proof and vermin 'proof, gasketed and hinged door with all internals such as DIN rails, neutral-link, interconnected wiring, complete with earthing legs, housing following switch gears ( Double door VERTICAL DB) For UPS input/output and field wiring etc. 40/63A, TPN, 4 Pole MCB incomer = 2 Nos. 63 Amp. DP MCB outgoing = 2 Nos. 40 Amp. DP MCB outgoing = 2 Nos. 16 Amp. SP MCB outgoing = 12 Nos.					
	Full Set as above	1.00	SET			( For UPS DB )
<b>A</b>	S & I 63 Amp. TP Rotary Switch ( L & T ) fixing with M.S. Box with all connections complete with all baking material as 'required.	1.00	Nos.			
<b>B</b>	Supplying & fixing 63 /40 Amp DP MCB house in MS. Sheet box , concealed in walls with all connections.	2	nos.			

<b>IV</b>	<b>CABELS / MAINS</b>					
1	S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes.					
1.1	4 X 35 Sq.mm Al Cable	5.00	Mts.			From Metre to Panel Board
1.2	4 X 25 Sq.mm Al Cable	30.00	Mts.			From Panel to 6way DB in
2	S & I of end termination of above mentioned cables including compressed type brass glands, crimping type copper lugs, insulation tape etc. as required complete with earthing of glands in following sizes					
2.1	3 1/2C X 50/35 Sq.mm	2.00	Nos.			
2.2	4 x 25 Sq.mm	2.00	Nos.			
<b>V</b>	<b>WIRING / ( Light Point ,Light Socket / Power Circuit , Power point/ A.C.Point Wiring.)</b>					
1	Wiring for light point with 2x1.00sqmm PVC insulated copper conductor wire of 650/1100 volts grade in concealed/exposed pvc pipe ,including by 5Amp. Modular switch with G.I boxes, including making all the connections , including cutting chases and making good the surfaces wherever required.					
a	One point controlled by one switch.( 1 Light/ Fan by one switch )	13.00	pts.			
b	Two points controlled by one switch.( 2 light by one switch )	13.00	pts.			
2	Wiring for 5Amp light plug points with 2x1.50sqmm PVC insulated copper conductor wire of 650/1100 volts graded , with pvc insulated copper earth in concealed/exposed pvc pipe ,including 5 pin, 5Amp.socket with modular switch with GI boxes with earthing the third points , including cutting chases and making good the surfaces wherever required.					
a	Light Plug points in Counter/walls/partition	7.00	pts.			
b	Light Plug points for wall/Bracket fans.	7.00	pts.			
3	Wiring for 15Amp. power plug points with 2x2.50sqmm PVC insulated copper conductor wire of 650/1100 volts graded with pvc insulated copper earth wire in concealed/exposed pvc pipe ,including 6 pin, 16 Amp.socket with modular switch with GI boxes with earthing the third points , including cutting chases and making good the surfaces wherever required.	7.00	pts.			
4	Wiring for light circuit with 2x1.50sqmm PVC insulated copper conductor wire of 650/1100 volts grade in concealed / exposed pvc pipe with pvc insulated copper earth wire including making all the connections, including cutting chases and making good the surface wherever required.	8.00	nos.			

5a	Supply of all required materials and wiring of AC plug point with 2 x 4/6 sqmm PVC insulated copper wire run inside screw type PVC conduit pipe with ISI market laid on surface /recessed of wall/ceiling along with 1 (1x2.5sqmm) PVC insulated copper wire as earth continuity conductor complete in all respect including with use of 1.5 TR AC starter, concealed metal box with cover, wire 20/32 A SPN metal clad plug socket, metallic switch box for plug junction box etc. compete with making good the damages caused as required and as per direction of bank..( Circuit shall not be paid extra.)	5.00	pts.			
5b	Wiring for A.C. points with 4x6 sqmm PVC insulated copper conductor wire of 650/1100 volts graded with 1 X 2.5 mm pvc insulated copper earth wire in concealed/exposed pvc pipe , including concealed industrial metallic socket with 20 /32Amp. sp MCB house in GI sheet box with pvc insulated copper earth wire , including cutting chases and making good the surfaces wherever required.( Circuit shall not be paid extra.)		pts.			
<b>VI</b>	<b>TELEPHONE WIRING/ DATA NETWORKING</b>					
a	Wiring for telephone points with 2 pair of 0.61 mm copper wire with PVC pipe with 2 pin telephone outlet with MS box with all connections.					
	Supplying and fixing RJ 11 telephone Jack modular plate with GI box.	3.00	nos.			
b	Wiring for telephone points with 10 pair .	25.00	mts.			
c	Supply /fixing Cat 6 cable D- Link UTP cable with pvc conduit with following accessories . RJ 45 Cat 6e IO( Information outlet with face plate, pvc surface mounting box etc. ( D - link)					
	RJ Cat 6e I.O. with face plate with pvc box. 24 port Jack Panel ( D- Link ) Cat - 6 patch cord 1.00 M , Cat 6 Patch Cord - 2M , 12U Net work rack, wire manager , cable manager, PDU .	10.00	nos.			
<b>VII</b>	<b>U.P.S. WIRING</b>					
1	Wiring for UPS points with 2x1.50sqmm PVC insulated copper conductor wire of 650/1100 volts graded with required earth wire with concealed/exposed pvc pipe , including making all the connections,including cutting chases and making good the surfaces wherever required.( excluding the cost of computer socket board, maximum 2 points on each circuit shall not be paid extra.)	10.00	pts.			
2	Wiring for emergency light point through ups with 2x1.50sqmm PVC insulated copper conductor wire of 650/1100 volts graded with required earth wire with concealed/exposed pvc pipe , including making all the connections,including fixing assessores, modular switch and plates. cutting chases and making good the surfaces wherever required.	5.00	pts.			

