CANARA BANK, CIRCLE OFFICE DELHI SOQ FOR RENOVATION OF ELECTRICAL WORK AT CANARA BANK, FIRST FLOOR MSME NEHRU PLACE BRANCH, NEW DELHI. No Particulars Quantity Unit Rate Amount

S.No	Particulars	Quantity	Unit	Rate	Amount
I	Dismentalling 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	Nos		
	MANAGE AND				
-	MAIN LT PANEL /DBs				
II	ELECTRICAL PANEL				
	Design , manufacture, providing, storing & installing in position,				
	effecting proper connection, testing and commissioning of Panel				
	madeof 16 SWG, CRCA sheet steel. It shall be dust and vermin				
	proof. It shall have glands plate etc. as required, duly painted				
	from inside as well outside. It shall have the following; MAIN PANEL				
	1No. 100 AMP. TPN, MCCB 9 25 KA breaking capacity)				
	Bus bars 100Amp. 3 phase, 4 strips, 415 volts, 50 HZ copper bus bars with colour coded PVC heat shrinkable sleeves. There should be 2 sets of BUS BAR in such a way that AC				
	loadshould not be connected to Generator Power. 100 Amp. Changeover Switch				
	Instruments Digital Multi function meter of standard make for displaying Input Voltage, Ampere, Power factor, KWH used with CTs.				
	OUTGOING:				
	3 Nos. 32 Amp. TP MCB (For LDB , PDB, Branch UPS , Inverter and spare Feeder) From Generator Powered Bus.				
	2 Nos. 63 Amp. TP MCB(For AC DB and spare Feeder) fromNon-Generator Powered Bus.				
	5 Nos. 32 Amp.DP MCB . 3 Nos. (for Glow Sign board,, strong room and spare feeder) from Generator Powered Bus.				
	The design of Panel should be got approved by the Architect before manufacturing, Also, the provision for 1/2 spare outgoings should be considered for future expansion. The jobshall be completed to the satisfaction of the Bank.		nos.		
	DISTRIBUTION BOARD				
III	Suply and installation of 6 way, TP&N DB 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)				
	63A, TP, MCCB incomer = 1 Nos.				
	32 A TP MCB outgoing = 5 Nos.		ar-		
	Full Set as above	1.00	SET		
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IV	Suply and installation of 4 way, TPN DB 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)				
	40Amp., TPN incomer = 1 Nos.				
	25Amp. SP MCB outgoing = 12 Nos.				
	Full Set as above	1.00	SET		
V	Suply and installation of 4 way, TPN DB 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)				
	40Amp., TP incomer = 1 Nos.				
	20Amp. SP MCB outgoing = 12 Nos.				
	Full Set as above	1.00	SET		
	Tun Set as above	1.00	51.1		
VI	Suply and installation of 4 way, SPN DB type Distribution Board(double door) 6M AMP TP MCB 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)				
	63A, TPN MCB incomer = 1 Nos.				
	63 A TP MCB outgoing = 1 Nos.				
	Full Set as above	2.00	SET		
	Tun Set as above	2.00	SE1		
VII	Suply and installation of 12way, SPN DB type Distribution Board(double door)B 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)				
	40A, DP MCB incomer = 1 Nos.				
	10/16 A SP MCB outgoing = 10 Nos.				
	Full Set as above	1.00	SET		
VIII	CABELS / MAINS				
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	15.00	Mts.		
2	S & I of end termination of above mentioned cables including compressed type brass glands, crimping type coper lugs, insulation tape etc. as 'required complete with earthing of glands in following sizes				
2.1	3 1/2C X 50/35 Sq.mm	4.00	Nos.		
2.2	4 x 16/10/6/4 Sq.mm	12.00	Nos.		
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IX	WIRING / (Light Point ,Light Socket / Power Circuit , Power			
1	point/ A.C.Point Wiring.) 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. Moduler switch with G.I boxes,			
	including making all the connections , including cutting chases			
	and making good the surfaces wherever required. One point controlled by one switch. (1 Light/ Fan by one switch.)			
a	One point controlled by one switch. (1 Light/Fail by one switch)	60	pts.	
b	Two points controlled by one switch.(2 light by one switch)	35	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	19	pts.	
b	Light Plug points for wall/Bracket fans.	14	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, 15Amp.socket with modular switch with GI	7	pts.	
	boxes with earthing the third points, including cutting chases and			
	making good the surfaces wherever required.			
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 incuding making all	8	nos.	
	the connections, including cutting chases and making good the			
	surface wherever required.			
5	Wiring for power circuit with 2x4.0sqmm PVC insulated copper			
	conductor wire of 650/1100 volts grade in concealed / exposed			
	pvc pipe with pvc insulated copper earth wire incuding making all	7	nos.	
	the connections, including cutting chases and making good the			
	surface wherever required.			
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6a	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	4	nte	
	MCB house in GI sheet box with pvc insulated copper earth wire,	7	pts.	
	including cutting chases and making good the surfaces wherever			
	required.(Circuit shall not be paid extra.)			
b	Supply of all required materials and wiring of AC plug point with			
	2(1x4 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	2	pts.	
	with cover, wire 20/32 A SPN metal clad plug socket, metalic			
	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.)			

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X	U.P.S. WIRING				
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		nte		
			pts.		
	surfaces wherever required.(excluding the cost of computer				
	socket board, maximum 2 points on each circuit shall not be paid				
2	extra.) 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,	5	pts.		
	including making all the connections, including fixing assessores,		-		
	modular switch and plates. cutting chases and making good the				
_	surfaces wherever required.				
3	Wiring with 2x10sqmm PVC insulated copper conductor wire of				
	650/1100 volts graded with required earth wire with				
	concealed/exposed pvc pipe ,including making all the	35	mts.		
	connections, including cutting chases and making good the				
	surfaces wherever required.				
4	Wiring with 4 x10sqmm PVC insulated copper conductor wire of				
	650/1100 volts graded with required earth wire with				
	concealed/exposed pvc pipe ,including making all the	30	mts.		
	connections, including cutting chases and making good the				
	surfaces wherever required.(From Panel to AC DB & Invertor)				
5	Wiring with 4 x 6 sqmm PVC insulated copper conductor wire of				
	650/1100 volts graded with required earth wire with				
	concealed/exposed pvc pipe including making all the	30	mts.		
	connections, including cutting chases and making good the				
6	surfaces wherever required.(For light DB and Power DB) Wiring with 2 x 6 sqmm PVC insulated copper conductor wire of				
	650/1100 volts graded with required earth wire with				
	concealed/exposed pvc pipe ,including making all the				
			mts.		
	connections,including cutting chases and making good the				
7	surfaces wherever required.(From UPS to UPS DB) Wiring with 2 x 4 sqmm PVC insulated copper conductor wire of				
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	650/1100 volts graded with required earth wire with				
	concealed/exposed pvc pipe ,including making all the		mts.		
	connections,including cutting chases and making good the				
8	surfaces wherever required.(From Panel to Light DB) Wiring with 2 x 2.50 sqmm PVC insulated copper conductor wire				
0	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	35	mts.		
	surfaces wherever required.(From Panel to Fire alam, CCTV and				
	net work rack .)				
9	Wiring with 2 x 1.50 sqmm PVC insulated copper conductor wire				
	of 650/1100 volts graded with required earth wire with				
	concealed/exposed pvc pipe including making all the		mts.		
	connections, including cutting chases and making good the surfaces wherever required. (From panel to 3 led indicator.)				
	Surfaces wherever required. (From panel to 3 led indicator.)				
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10	Supplying & fixing in position computer Socket Board with 3 nos. 15 Amp 5 pin sockets with switch with 1nos. 15 Amp power socket with switch .Max. two points on each circuit, circuit shall not be paied extra.		nos.		
XI	LIGHTING / FIXTURE				
1	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant.				
1.1	2x2 ft (24 W)LED Light Fitting of Philips/Crompton/Wipro including supplying and fixing for ATM Suitable for recess mounting on false ceiling.	32.00	Nos		
1.2	1 X 20/40W LED BATTEN Tubelight	12.00	Nos.		
1.3	Providing & Fixing of 15 watt. LED Down Lighter.	54.00	Nos.		
1.4	250mm dia wall mounted exhaust fan of decorative plastic body and blade with louvers on the outside (Newtek/Cromton/Approved Equivalent)	4.00	Nos.		
1.5	Providing & Fixing wall bracket fans.	14.00	Nos.		
1.6	Providing & Fixing ceiling fans 1200 mmdouble ball bearing make as specification in tender with required down rod and hanging arrangement.	4.00	Nos.		
1.7	Providing & Fixing LED strip lighting 15 W per 5M with driver and necessary installation fitting Led strip light 5mtrs Make as specified in tender document or approved by Arcitect /Bank.	30.00	Mtrs		
1.8	Providing & Fixing Endura Light - square - 3 W LED commercial type spot lighter of make as specified in tender documents or approved by Arcitect /Bank.	12.00	Nos.		
1.9	Providing & Fixing Cove LED lighting 15 W per 5M with driver and necessary installation fitting Led strip light 5mtrs Make as specified in tender document or approved by Arcitect /Bank.	45.00	Mtrs		
XII	EARTHING				
1	Chemical Earthing using Electrode of size 80 mm dia, 2 meter long connected with 50X6 mm Copper internal strip complete with excavation, civil works, cast iron cover with back fill compound. The voltage between Neutral & Earth not to exceed 2 volts. including bore holes wherever required and putting the earth as per requirement.	2.00	Nos		
2	Wiring with 1x10 sqmm PVC insulated copper conductor wire of 650/1100 volts grade as earth wire with concealed/exposed PVC pipe ,including making all the connections,including cutting chases and making good the surface wherever required.	50	Mts.		
	TOTAL FOR ELECTRICAL WORKS (EXCLU	DING GS	ST)		
	Discount If any (Only on Excluding GST am		•		
	Net Amount (After Discount if any - Excluding GST)				
	GST as extra as applicable (For Electrical works)-By Bank				
	PLACE:				
	DATE:		SEAL AND SIGNATURE OF THE CONTRACTOR WITH ADDRESS		