

**BOQ FOR ELECTRICAL WORK OF CANARA BANK , DASAPALLA BRANCH .**

SL.NO.	DESCRIPTION OF ITEMS	UNIT	QUANTITY	RATE	AMOUNT
	<b>1. WIRING TO POINTS</b>				
1.0	Concealed conduit wiring to light, ceiling fan, exhaust fan points with (2x1.5 sq mm + 1(1x1sqmm ) PVC single core copper wire in PVC/ Super polythene pipe with galvanized iron junction & switch boxes & clip in type 6 Amp modular type switches with all accessories, T&P & as directed by the Engineer-in-charge.				
	1. Primary ( 1 light/fan controlled by one switch )	Nos.	15		
	2. Secondary point (2 lights controlled by 1 switch)	Nos	12		
	3. Primery point (wall fan controlled by 1 switch and one 5 Amp. socket )	Nos	8		
	4 .Recess conduit wiring to 6 Amp plug socket with switch on existing board as above.	Nos.	5		
5 .Recess conduit wiring to 5/15 Amp plug socket with switch on existing board as above.	Nos.	5			
2.0	Concealed conduit wiring to 6/16 Amp plug socket with switch on separate board with (2x1.5 sq mm + 1(1x1sqmm ) PVC single core copper wire in PVC/ Super polythene pipe with galvanized iron junction & switch boxes & clip in type 6 Amp modular type switches with all accessories, T&P & as directed by the Engineer-in-charge at counter/table.	SET	1		
5.0	Concealed conduit wiring to call bell point with one gong bell of 6" dia placed at strategic point with 6 Amp switch bell push clip in type modular type fixed on G.I. boxes placed at skirting level for emergency use, the wiring details are as per Sr .no. - 01. The places as located in drawing & as per direction of Engineer-in-charge.	SET	1		
6.0	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade standard copper wire run inside pre-laid PVC conduit pipe of ISI mark as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.				
A	Concealed wiring with 2x(1x2.5sqmm) +1x(1x1.5sqmm) copper wire ( LDB to Switch board )	Mts	185		
B	Concealed wiring with 2x (1x4sqmm) + 1x (1x2.5sqmm) copper wire ( PANEL to INVERTER at UPS Room)	Mts	95		
C	Concealed wiring with 2x (1x6sqmm) + 1x (1x4.0sqmm) copper wire ( U.P.S INPUT. )	Mts	65		
D	Concealed wiring with 2x (1x4sqmm) + 1x (1x2.5sqmm) copper wire ( INVERTER TO LDB)	Mts	20		
7.0	Supplying & fixing of company made & wired with double door arrangement DB of approved make with following arrangement.				
	<b>L.D.B</b>	Set	1		
	12 way SP DB				
	Incoming 1 No. 32A DP MCB				
	Out going 10 No. 6-10 A SP MCB				
8.0	Supplying & fixing of Inverter DB company made & wired with double door arrangement OF APPROVED make) with following arrangement.				
	<b>INVERTER D.B (at UPS Room)</b>	Set	1		
	4 way SP DB				
	Incoming 1 No. 32A DP MCB				
	Out going 1 No. 32A DP MCB				

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	<b>2.COMPUTER WIRING</b>				
1.0	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade standard copper wire run inside pre-laid PVC conduit pipe of ISI mark as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.				
A	Concealed wiring with 2x(1x2.5sqmm) +1x(1x1.5sqmm) copper wire (CDB to Comput switch board )	Mts	185		
B	Concealed wiring with 2x (1x4sqmm) + 1x (1x2.5sqmm) copper wire ( UPS OUT PUT to CDB )	Mts	85		
2.0	Supplying & fixing of UPS input DB company made & wired with double door arrangement OF APPROVED make) with following arrangement.	SET	1		
	<b>Incoming</b>				
	40 Amp DP MCB – 2 nos (1main & 1 spare).				
3.0	Supplying & fixing of UPS output DB company made & wired with double door arrangement OF APPROVED make) with the following arrangement.	SET	1		
	<b>Outgoing</b>				
	40 Amp DP MCB – 2 nos. (1main & 1 spare).				
4.0	Supplying & fixing of company made & wired with double door arrangement DB of approved make with following arrangement.				
	<b>C.D.B</b>	SET	1		
	12 way SPN DB				
	Incoming 1 No. 32A DP MCB				
	Out going 10 No. 6-10A SP MCB				
5.0	Supplying & fixing of computer terminal boxes made of G.I. fitted with (3 nos. of 6 Amp switches + 3 nos. 6Amp socket + indicator ), all clip in modular type & as per direction of Engineer-in-charge.	SET	7		
6.0	Providing and fixing of chemical earth electroad made out of 50mm dia class-B Asahalock or equevalent 2m length with copper plate made out of 600x600x3.15 mm tinned copper plate along with one number 40x5mm tinned copper strip grazed with the plate buried vertically with top edge of the plate at a depth of 1500 mm with arrangements for termination of copper strip of earth continuity conductor including cost of charcole, saltoreign soil, water pouring arrangements brick massionry encloser on top with R.C.C cover complete with labour and material as per direction of Engineer-in-charge	SET	1		
7.0	Supply of all required materials & wiring to clip in modular type 5 No. of 6/16 amp socket points controlled by 2 No of 16 amp switch with indicator complete in all respect including making good to damages caused as per direction of EIC for Hub connection / printer supply .	Nos	4		
8.0	The earth lead by 8sq.mm bare copper wire in GI pipe to connect from earth electrodes to UPS outgoing earth bus & as per direction of Engineer-in-charge.	Mts	35		
	<b>3.A.C POINT WIRING</b>				
1.0	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade standard copper wire run inside pre-laid PVC conduit pipe of ISI mark as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.				
A	Recessed wiring with 2x (1x4sqmm) + 1x (1x2.5sqmm) copper wire ( PANEL to.LDB/ A.C points)	Mts	90		

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2.0	Supply of all required materials and wiring to AC plug point with 2 (1x4sqmm) PVC insulated copper wire run inside screw type PVC conduit pipe with ISI mark laid on surfaced/recessed of wall/ceiling alongwith 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 boxes with cover, wire, 20A SPN metalclad plug socket, metallic switch box for plug, junction box etc complete with making good the damages caused as required and as per direction of Engineer in charge.	Nos.	4		
<b>4. GLOW SIGNAGE BOARD POINT WIRING</b>					
1.0	Supply of all required materials and wiring to circuits/ submains with following number and sizes of PVC insulated 1100 volt grade standard copper wire run inside pre-laid PVC conduit pipe of ISI mark as required and copper wire as earth continuity conductor and complete in all respect including making good to all damages caused and as per the direction of Consultant and Engineer-in-charge.				
A	Concealed wiring with 2x (1x2.5sqmm) + 1x (1x1.5sqmm) copper wire ( PANEL to.Glow sign board)	Mts	17		
2.0	Supply,installation and testing of timer with contactor ( L&T / Legrand ) make controlling the glowsign board with all accessories complete as required as per direction of Engineer in charge. The system will be apart of the panel board.	Nos.	1		
<b>5. FITTINGS OF FIXTURES (A) Fitting Charges</b>					
1.0	Installation and testing of recess LED light fittings (36 wt) of square type ( 2'-0"x2'-0") with all accessories complete required as per direction of Engineer in charge.	Nos.	11		
2.0	Installation and testing of recess LED spot light fittings (6 wt) of round type with all accessories complete required as per direction of Engineer in charge.	Nos.	20		
3.0	Installation and testing of single T5 tube lights patty fittings (1x28wt) of surface mounting with all accessories complete required as per direction of Engineer in charge.	Nos	7		
4.0	Fitting of 450 mm sweep Wall fan of approved make .	Nos.	7		
5.0	Fitting of 400 mm sweep Cabin fan of approved make .	Nos.	2		
5.0	Fitting of 1200 mm sweep Ceiling fan of approved make .	Nos.	2		
6.0	Fitting of 400 mm sweep Exhaust fan of approved make .	Nos.	3		
7.0	Providing and fitting of call bell of approved make .	Nos.	1		
8.0	Providing and fitting of modular fan regulator of approved make .	Nos.	2		
9.0	Supply,installation and testing of Angle Holder with LED Light fittings (1x9wt) of surface mounting with all accessories complete as required as per direction of Engineer in charge.	Nos.	4		
<b>6. FITTINGS OF FIXTURES (B)</b>					
1.0	Supply & fixing of fan-hook,by cutting roof slab and welding 10 mm dia.Fan hook with main re-inforcement of roof slab complete in all respect	Nos.	2		

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	<b>6. PHONE WIRING .</b>				
1.0	Supply of all required materials & laying of the following sizes of phone wires of approved make inside the approved size PVC conduit complete in all respect as per instruction of EIC . 2 pairs telephone wires	Mtrs.	125		
2.0	Supply , fixing , testing of phone point with suitable GI boxes with phone , socket complete in all respect as per direction of EIC .	Nos.	3		
	<b>7. MAIN PANEL BOARD</b>				
1.0	Supply, delivery, installation , testing , commissioning , of L&T indoor wall ,floor , mounted , type distribution boards made out of 2 mm thk. CR sheet metal duely acid treated premised & painted with 2 coats of enamel paint compartment arrangement for each equipment & bus bar chamber on the top of the panel running horizontal through out its length duly lamp , vermin proof having provision cable by conduit entry , earthling stud as per specification mentioned below duly factory wired confirming to the relevant ISS & as per special condition of contract , making good the damages M.S. Cubical type Panel board should have hinged door at the front. The panel shall be provided with all accessories & following arrangements complete in all respect & direction of EIC (before fabrication of panel board drawing is to be approved by Engineer-in-charge)	Set	1		
	Incoming- 1No 100 to 125A- 30KA - 4POLE -MCCB.				
	1 set of 125A TPN copper bus bar				
	1 set of 63 A TPN copper bus bar				
	63A, 4-POLE Change over				
	Out going- 6 Nos 32 A DP MCB for A.C				
	1Nos 32 A DP MCB for A.T.M				
	1Nos 63 A DP MCB for U.P.S, 63A DP MCB Spare				
	1Nos 40 A DP MCB for LDB/PDB 40A DP MCB Spare				
	1Nos 32 A DP MCB for Glow sign board				
	1No. VAF Digital meter with CT.				
	6 Nos Phase indicator lamps				
2.0	Earthling as per I.E. rules with 40mm dia G.I. pipe of 3 mt. Long perforated on all sides with arrangements of light , termination of 600x600x3mm copper plate & 19x3 G.I flat firmly connected to plate with copper nut & bolt , washer etc . The earth pit should be filled with alternate layers of charcoal, salt & soil. The brick masonry chamber is to be covered with CI cover of minimum 300mm x 300mm size with all accessories & as per direction of Engineer-in-charge.	Nos.	1		
3.0	Supplying & fixing Earth lead with 8nos. of GI wire.	Mtrs.	15		
<b>TOTAL</b>					