

BOQ FOR ELECTRICAL AND LAN WORK FOR CANARA BANK MSME-SULABH AT ANANTHAPUR

S.NO	DESCRIPTION	UNIT	QTY	Rate (Rs)	Amount(Rs)
	INTERNAL ELECTRICAL WORKS				
E - 1	Lights Points(Including Circuit Wiring 2x2.5+1.5 Sqmm)				
	Point Wiring for Light/ Fan/ Exhaust fan with 2runs of 650V grade 1.5 Sq.mm FRLS PVC & 1 run of 1.5 Sq.mm PVC insulated Copper wires , run in 25 mm dia heavy gauge PVC conduits concealed in wall / ceiling conforming to IS including all accessories such as junction boxes, conduit bends elbows and ceiling rose, anodised GI Switch box with modular switch and the box covered with front plate.(Point Wiring Include Circuit Wiring From Main Db to SWitch Board with 2x2.5 +1.5 Sqmm Copper flexibile wire etc)				
a	One Light point controlled by one 6A switch.	Nos	11.00		
b	Two Lights point controlled by one 6A switch.	Nos	12.00		
c	Exhaust fan point controlled by one switch.	Nos	-		
d	Ups light point	Nos	4.00		
e	Ceiling fan point controlled by one switch & Electronic Step type Regulator and Concealed MS fan hook box.	Nos	1.00		
f	Supply and fixing of 6A, 3Pin Socket outlet switches of 6A rating boards for Wall Mounting Fans and (Dependant				
i	Dependant fans	Nos	2.00		
ii	Independent Fans	Nos	2.00		
	c) 2 runs of 6 Sq.mm PVC wires with 1 run of 4 Sq.mm PVC insulated Copper earth wire in PVC in conduit. For A/C Sockets	Rmt	120.00		
	d) 4 runs of 4 Sq.mm PVC wires with 2 runs of 4Sq.mm PVC insulated Copper earth wire in PVC conduit.	Rmt	60.00		
E - 2	Light / Fan Fixtures				
	Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge (All LED Light Fixtures should be covered with minimum 3 Years onsite replacement warranty).on gypsum ceiling no additional rate will be provided for frame or any hardware.				
	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by Bank/Architect.	Nos	8.00		
	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by Bank/Architect.	Nos	24.00		
	Supplying, fixing, testing and commissioning of 1X18/40 watts T5 led light fixture Wall/ Ceiling mounted (Philips ,havells)	Nos	3.00		
E - 3	Ceiling Fans				
	Supply & Fixing of 1200 mm sweep Crompton Make High Speed Ceiling fan with standard down rod, all accessories Electrical connections. Including fixing materials required.	Nos	1.00		
E - 4	Wall Mounted Fans				
	Supply & Fixing of 400 mm sweep Wall mounted fan (Metal Body) with 3 pin Plug on the lead wire of each fan all accessories Electrical connections. Including fixing materials required.	Nos	4.00		
E - 5	Exhaust Fans				
	Supply,fixing and commissioning of Fresh air exhaust fan of light duty 300mm size (9"), Metallic body plastic blades, wire mesh, etc. including cost and conveyance of all materials, taxes and all labor charges etc., complete for eraction.Make:Crompton/Havells/bajaj.	Nos	-		
I	Supply Installation Testing and commissioning of VTPN MCB Double door Distribution boards dust and vermin protected and rated for 415V, Three Phase AC supply operation including incoming MCB/ELCB as per specifications and required capacity Neutral bar and Earth terminal complete as required and installed in flush with wall including all fixing materials required. MCBs shall conform : 8828 and ELCB /RCCB shall confirm to IS : 12640				
a	a)Supply, installation, testing and commissioning of (Double door) with 8Way VTPN MCCB DPX DB with 125A 4Pole MCCB as incomer and 63A TPMCBs -2 Nos, 32A TP MCBs-2 Nos, and 12 nos10/32A SPMCBs s outgoing. (for MAIN DB)	Nos	-		
b	b)Supply, installation, testing and commissioning of (Double door) with 4Way TPN MCB DB with 63A 4Pole MCB as incomer and 12 nos10A SPMCBs s outgoing. (for LDB) LEGRAND / HAVELS	Nos	1.00		
c	c)Supply, installation, testing and commissioning of 8way SPN MCB DB (Double door) with 32A DP MCB as incomer and 6nos. 6A/10A/16A SPMCBs as outgoing.(UPS DB) LEGRAND / HAVELS for Bank	Nos.	2.00		
d	d)Supply and fixing of 32 A, DP MCB-1No. with encloser for UPS Incoming.	Nos	2.00		
e	e)Supply and fixing of 63A 4 Pole Change over Switch for LDB/UPS Connections with encloser for UPS Incoming.	Nos	1.00		

E-6	Raw power Wiring and Sockets: Supply and wiring of Raw Power Points from Main DB to Individual Work Stations With required all Connections with 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm PVC Conduite for UPS out going Wirings and also SAupply and fixing of 1 Nos 6A sockets with 1 Nos 6A switch of modular type with 'front plate and anodised GI box complete 'as required'.for UPS Sockets for Bank	Nos	20.00		
E-7	Supply and fixing of 1no 16A 3pin 'socketswith 16A switch of modular type with 'front plate and anodised GI box complete 'as required'.(Raw Power)	Nos	5.00		
E-8	UPS Wiring and Switch/Sockets: Supply and wiring of UPS Points from UPS Room DB to Individual POINT ON CONFRENCE TABLE With required all Connections with 2runs of 2.5Sq.mm PVC wires with 1run of 1.5 Sq.mm PVC Conduite for UPS out going Wirings and also SAupply and fixing of 3 Nos 6A sockets with 2 Nos 6A switch of modular type with 'front plate and anodised GI box complete 'as required'.for UPS Sockets. (UPS -1 conection table / counter no.1,3,5 & 7 and UPS -2 table no. 2,4,6 & 8 etc, and network rack & manager 2 UPS points from UPS-1 & UPS-2. for Bank.	Nos	20.00		
E-9	Supply installation testing and commissioning of AC Units With 2x4Sqmm+2.5Sqmm Copper Fluxible Wire From Main DB to AC Units including Legrand Make 20A Metal Clad Socket with 25/32A SP MCB set(Like Metal Clad Socket+Wiring From Db to AC Box to Stabilizer to AC Units)	No	3.00		
E-10	Supply and erecting of approved make telephone RJ 11Jack for telephone with 2 pair .5mm Thick Telephone cable including pvc conduite with required all materials (RJ-11 Jack+ 2 pair Cable)	Nos	10.00		
E-11	Supply and Laying of 10 pair .5mm Thick Telephone cable including pvc conduite with required all materials From Outside to Rack locations	Nos	10.00		
E-12	Supply and fixing of 20pair Crone Connector box with 30 Poir connectors and required all connections.	Nos	1.00		
E-13	Earthing				
	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copperbonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod- toConductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill and photographs at the time of laying).	No	1.00		
	Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to- Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill and photographs at the time of laying).	No	1.00		
	c) Supply and laying of following size strips including including all necessary inter connections with earth station and equipments.				
	i) 8 SWG Copper wire	Rmt	60.00		
N	TOTAL AMOUNT FOR Bank ELECTRICAL WORKS Rs :				
	COMPUTER NETWORKING				
N-1	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type to be of Dule socket plate which counts as one point in Dule plate, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point.	Nos.	20.00		
N-2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1.00		
N-3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	1.00		
N-4	Supplying and fixing Patch Cord-2 Meter- (DBPSMounting Cord)	Nos.	20.00		
N-5	Supplying and fixing Patch Cord-1 Meter-	Nos.	20.00		
	TOTAL AMOUNT NETWORKING WORKS Rs :				
	TOTAL AMOUNT OF ELECTRICAL AND NETWORKING (A)				