BOQ FOR ELECTRICAL AND LAN WORKS FOR CANARA BANK, GOHPUR BRANCH

Α	A ELECTRICAL WORKS							
Sl.No.	Description of Item	UNIT	QTY	RATE	AMOUNT			
1	Distribution System.			10112	7			
_	Supply, Installation, Testing and Commissioning of Factory	1						
	Manufactured Single/Three Phase & Neutral Double Door							
	Distribution board made out of 16 SWG sheet steel enclosure,							
	IP 43, with cutouts for operating MCB/MCCB/RCCB etc. knobs							
	& consisting of Phase, Neutral & E arth Busbars with tapped							
	holes, phase barriers, & covers with removable plates on Top							
	& bottom for Incoming & Outgoing Cables. D.B.'s shall be flush							
	mounting type for both single & three phase.							
+	63 A 4P MCCB, 25 KA in Sheet Steel Enclosure (Make Legrand)	No.	1					
	a							
	63 A 4P on load changeover switch in Sheet Steel Enclosure	No.	1					
	(Make HPL)	No	1					
+	c MAIN-DB SITC of 6 way TRN Double Door Vertical MCP Distribution	No	1		+			
	SITC of 6 way TPN Double Door Vertical MCB Distribution							
	Board with following MCCB/MCB/RCCB & cable end boxes at							
	Input & Output.	ļ						
_	63A 4P MCCB 16 KA - 1 No.							
	16A SP MCB – 6 Nos.	-						
_	25A SP MCB – 10 Nos.							
	32A SP MCB – 2 Nos.							
	d MCBDB-Inverter	No	1					
	SITC of 8 way SPN Double Door MCB Distribution Board with							
	following MCB/RCCB & cable end boxes at Input & Output.							
	25A DP RCCB 30 mA sensitivity – 1 No.							
	10A SP MCB – 4 Nos.							
	Blank Plate - 2 Nos.							
	e U.P.S. D.B. :	No	1					
	SITC of 12 way SPN Double Door MCB Distribution Board with							
	following MCB/RCCB & cable end boxes at Input & Output.							
	Incomer:							
	25 A DP MCB - 1 No.							
\perp	25 Amp DP R.C.C.B., 100 Milliamp sensitivity- 1 No.							
\perp	Outgoing:							
	10 Amp S.P. Amp M.C.B 8 Nos							
	f RAW POWER D.B. :	No	1					
	SITC of 12 way SPN Double Door MCB Distribution Board with							
	following MCB/RCCB & cable end boxes at Input & Output.							
	Incomer:							
\perp	25 A DP MCB - 1 No.				1			
	25 Amp DP R.C.C.B., 30 Milliamp sensitivity- 1 No.							
\perp	Outgoing:							
	10 Amp S.P. Amp M.C.B 8 Nos							
	g LIGHT D.B.:	No	1					
	SITC of 16 way SPN Double Door MCB Distribution Board with							
	following MCB/RCCB & cable end boxes at Input & Output.							
\pm	Incomer:							
T	25 A DP MCB - 1 No.							

		BOQ FOR ELECTRICAL AND LAN WOR						
		CANARA BANK, GOHPUR BRANC ELECTRICAL WORKS	,п					
SI.No.		·	UNIT	QTY	RATE	AMOUNT		
		25 Amp DP R.C.C.B., 30 Milliamp sensitivity- 1 No.				1		
		Outgoing:						
	L .	6 Amp S.P. Amp M.C.B 12 Nos	N					
	h	ATM DB:	No.	1				
		SITC of 12 Way SPN Double Door MCB Distributuoin Board						
		with following MCB/RCCB & Cable End Boxes at Input &						
		output				1		
		Incomer:	1			1		
		32A DP MCB1No.	<u> </u>			1		
		40AMP DP RCCB, 30 Milli amp Sensitivity-1No.						
		Out Going:	 			1		
		25AMP SP MCB2Nos	1			1		
		10AMP SP MCB2Nos						
		6AMP SP MCB2Nos S.I.T.C of Modular 16 Amp. S.P. MCB with 16A socket outlet	No	2		1		
	h	· ·	No.					
		in Metallic box for Inverter input and output S.I.T.C of 25 Amp. D.P. MCB in Metallic box for input and	No.	4		+		
	i	output of UPS	INO.	4				
		output of ors				1		
2		Light Point/Raw Power Point/UPS Point/Fan Point wirings						
		Light Formy Naw Fower Formy of 3 Form, Fair Form wirings						
		Wiring with I.S.I. marked 1.1 KV grade 2 x 1.5 Sq.mm + 1 x 1.5						
		sqmm (Green for earth) multi-strand F.R.L.S. Copper P.V.C.						
		wires in 19/25 mm Medium grade I.S.I. marked steel conduits						
		to be laid on wall/above false ceiling/Through Modular						
		Furniture slots etc complete with all conduit accessories like						
		bends, tees, Junction boxes with necessary hardware etc.						
		including re-surfacing of the floor/wall etc. wherever						
		necessary with Resurfacing material for Lights, fans, exhaust						
		fans, 6Amps socket outlets etc. Point wiring to include cost of						
		wiring in PVC conduits, Installation, Testing, Commissioning						
		and fixing of switch, sockets, boxes, plates & accessories and						
		circuit wiring with 2x2.5 sqmm + 1x1.5 sqmm (green for earth)						
		multi-strand F.R.L.S. Copper P.V.C. wires in 19/25 mm Medium						
		grade I.S.I. marked steel conduits to be laid on wall/above						
		false ceiling including all accessories complete.						
	а	Single Light points controlled by 6 Amp switch.	No	17				
\vdash	b	Two Light points controlled by one 6 Amp Switch.	No	17		 		
	С	Three Light Points Controlled by one 6AMP Switch	No.	4		1		
	d	Call Bell Buzzer (Ding Dong) controlled by 6 Amp Bell Push switch.	No	1				
		6 Amps 3/5 Pin combination type socket with switch mounted	No	4				
	е	on switch-box.						
	f	Ceiling Fan, Points with 6 A Switch and regulator	No	2				
		Wall Fan & Exhaust Fan (in existing holes) Points with 6 A	No	16				
	g	Switch and 6A socket						
3		Raw Power + UPS Power, Power Points & AC Points						

BOQ FOR ELECTRICAL AND LAN WORKS FOR CANARA BANK, GOHPUR BRANCH

SLNO. Supply, Installation, Testing and Commissioning of Recessed 1 Nos. 6 Amp 5 Pin Sockets controlled by one 6 Amp switch complete with Flush surface plate for Raw Power On Working and Incomplete with Flush surface plate for Raw Power On Working and the Complete with Flush surface plate for Raw Power On Working (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 3 Nos of 6 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring by with 2x.25 sqmm + 1x.15 sqmm (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and a low of Switch Box including wiring with 2x.25 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. Supply, Installation, Testing and Commissioning of power point with 16 Amp Switch and sockets housed in a Modular PVC switch Box with 16 Amp Switch and sockets housed in a Modular PVC switch Box with 18 Supply, Installation testing & commissioning of Ulversal AC econtrolled for 2Acs with timer (ATM) including wiring multistrand conductors with all necessory complete. AC WIRING & TIMER (ATM) Supply, Installation, Testing and Commissioning of point for AC No with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with 45 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with 45 Amp sockets housed in a separate Modular MS Box with 56 Sagmm + 1x4 sqmm (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V Mtr grade PVC insulated multi stand FRLS copper conductor cable confirming IS 694 through 25 mm dia rigid ste	Α		ELECTRICAL WORKS					
Nos. 6 Amp 5 Pin Sockets controlled by one 6 Amp switch complete with Flush surface plate for Raw Power On Work-Stris including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 3 Nos of 6 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring b with 2x2.5 sqmm + 1x1.5 sqmm (cu (green for earth)) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets follows an expensive mile with a switch Box and with 12 Amp Switch and 1 No of 6/16 Amp Switch and 1 No of 6/16 Amp Switch and 1 No of 6/16 Amp Switch and Sockets housed in a Modular MS switch Box and multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation testing & commissioning of Ulversal AC ontroller for 2Acs with timer (ATM) including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC No with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm (ul green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. 4 SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V Mtr grade PVC insulated multi stand FRLS copper conductor cable confirming 16 S69 through 25 mm dia rigid steel conduit on wall with M5 bar saddle, interconnection	SI.No.		Description of Item	UNIT	QTY	RATE	AMOUNT	
complete with Flush surface plate for Raw Power On Work-Stns including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.LT.C. Of 3 Nos of 6 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.LT.C. Of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including with 2x3.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. Supply, Installation, Testing and Commissioning of power point No with 16 Amp Switch and sockets housed in a Modular MS switch Box with Tush surface plate for Power Points including wiring with 2x4 sqmm + 1x2.5 sqmm Cu (green for earth) multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation testing & commissioning of Uiversal AC eontroller for 2Acs with timer (ATM) including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC No with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a Separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm (u green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. 4 SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V Mtr grade PVC insulated multi stand FRLS copper conductor cable confirming 15 694 through 25 m md in gright seel conduit on wall with MS bar saddle, interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. 4 With 2 X 2 5 sqmm. + 1 x 6 sqmm (green for earth). Mtr With With 2 X 6 sqmm + 1 x 8 sqmm			Supply, Installation, Testing and Commissioning of Recessed 1	No	10			
Stass including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.OF 3 Nos of 6 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.OF 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and sockets housed in a Modular PVC switch Box with 16 Amp Switch and sockets housed in a Modular MS switch and sockets housed in a Modular MS switch Box with Flush surface plate for Power Points including diring wiring with 2x4 sqmm - 1x2.5 sqmm Cu (green for earth) multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation testing & commissioning of Uliversal AC on the controller for Acx with timer (ATM) including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC No with 25 Amp sockets housed in a Modular PVC switch Box and modular Starters housed in a Modular PVC switch Box and modular Starters housed in a Modular PVC switch Box and modular Starters housed in a Modular PVC switch Box and modular Starters housed in a Modular PVC switch Box and modular Starters housed in a Modular PVC switch Box and modular Starters housed in a separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm Cu (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. 4 SUB-MAIN WIRING Supply, Installat								
Stns including wiring with 2x.2.5 sqmm + 1x.1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 3 Nos of 6 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring with 2x.2.5 sqmm + 1x.1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and sockets housed in a Modular MS switch sold sockets housed in a Modular MS switch Box with Flush surface plate for Power Points including wiring with 2x4 sqmm ± 1x2.5 sqmm Cu (green for earth) multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation testing & commissioning of Uiversal AC e controller for 2Acs with timer (ATM) including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC No with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm Cu (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. 4 SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V Mtr grade PVC insulated multi stand FRLS copper conductor cable confirming 15 694 through 25 mm dia rigid steel conduit on wall with MS bar saddle, interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. 4 With 2 X 2.5 Sq.mm. + 1 x 2.5 sqmm (2						
as necessary complete. S.I.T.C.Of 3 Nos of 6 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring b with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets foused in a Modular MS switch Box with Flush surface plate for Power Points including wiring with 2x4 symm + 1x2.5 symm Cu (green for earth) multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation testing & commissioning of Uiversal AC e controller for 2Acs with timer (ATM) including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 symm + 1x4 symm Cu (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. 4 SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V Mtr grade PVC insulated multi stand FRLS copper conductor cable confirming is 594 through 25 mm dia rigid steel conduit on wall with MS bar saddle, interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. a With 2 X 2.5 Sq.mm. + 1 x 2.5 sqmm (green for earth). Mtr of With 2 X 10 Sq.mm. + 1 x 3 sqmm (green for earth). Mtr of With 2 X 10 Sq.mm. + 1 x 4 sqmm (green for earth). Mtr of With 2 X 10 Sq.mm. + 1 x 5 sqmm (green for earth). Mtr of With 2 X 1		a	Stns including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu					
S.I.T.C.Of 3 Nos of 6 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring b with 2x2.5 sqmm + 1x1.5 sqmm (c) green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. Supply, Installation, Testing and Commissioning of power point with 16 Amp Switch and sockets housed in a Modular MS switch Box with Flush surface plate for Power Points including wiring with 2x4 sqmm + 1x2.5 sqmm Cu (green for earth) multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation testing & commissioning of Uiversal AC entroller for 2Acs with timer (ATM) including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm Cu (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. 4 SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V grade PVC Insulated multi stand FRLS copper conductor cable confirming IS 694 through 25 mm dia rigid steel conduit on wall with MS bar saddle, interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. a With 2 X 2.5 Sq.mm. + 1 x 2.5 sqmm (green for earth). Mtr of With 2 X 4 Sq.mm. + 1 x 4 sqmm (green for			(green for earth) multistrand conductors with all accessories					
switch housed in a Modular PVC switch Box including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. Supply, Installation, Testing and Commissioning of power point with 16 Amp Switch and sockets housed in a Modular MS switch Box with Flush surface plate for Power Points including wiring with 2x4 sqmm + 1x2.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation Testing & commissioning of Uiversal AC oncomplete including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC with 25 Amp sockets housed in a separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm (u (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V Mtr grade PVC insulated multi stand FRLS copper conductor cable confirming 15 694 through 25 mm dia rigid steel conduit on wall with MS bar saddle , interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. 3 With 2 X 2.5 Sq.mm. + 1 x 2.5 sqmm (green for earth). Mtr on the with 3 sq.mm. + 1 x 3 sqmm (green for earth). Mtr on the with 3 sq.mm. + 1 x 10 sqmm (green for earth). Mtr on the with 3 sq.mm. + 1 x 10 sqmm (green for earth). Mtr on the with 3 sq.mm. + 1 x 10 sqmm (green for earth). Mtr on the with 3 sq.mm. + 1 x 10 s								
b with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. S.I.T.C.Of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and sockets in a Modular PVC switch Box including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. Supply, Installation, Testing and Commissioning of power point with 16 Amp Switch and sockets housed in a Modular MS switch Box with Plats surface plate for Power Points including wiring with 2x4 sqmm + 1x2.5 sqmm Cu (green for earth) multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation testing & commissioning of Uiversal AC no. 1 controller for 2Acs with timer (ATM) including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm Cu (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V Mtr grade PVC insulated multi stand FRLS copper conductor cable confirming is 694 through 25 mm dia rigid steel conduit on wall with MS bar saddle, interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. a With 2 X 2.5 Sq.mm. + 1 x 2.5 sqmm (green for earth). Mtr owall with MS bar saddle, interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required.			S.I.T.C.Of 3 Nos of 6 Amp Sockets controlled by one 16 Amp	No	8			
multistrand conductors with all accessories as necessary complete. S.I.T.C.Of Z Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including witning with 2x.5 sgmm + 1xx1.5 sgmm cu (green for earth) multistrand conductors with all accessories as necessary complete. Supply, Installation, Testing and Commissioning of power point with 16 Amp Switch and sockets housed in a Modular MS switch Box with Flush surface plate for Power Points including d wing with 2x4 sqmm + 1x2.5 sqmm cu (green for earth) multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation, Testing and Commissioning of Uiversal AC e controller for 2Acs with timer (ATM) including wiring multistrand conductors with all necessary complete Supply, Installation, Testing and Commissioning of point for AC with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm Cu (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. 4 SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V grade PVC insulated multi stand FRLS copper conductor cable confirming 15 694 through 25 mm dia rigid steel conduit on wall with MS bar saddle, interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. a With 2 X 2.5 Sq.mm. + 1 x2.5 sqmm (green for earth). Mtr 0 b With 2 X 4 Sq.mm. + 1 x 4 sqmm (green for earth). Mtr 0 c With 2 X 5 Sq.mm. + 1 x 4 sqmm (green for earth). Mtr 5 d With 3 X Core 25 sqmm Armoured Aluminum U.G. cable Mtr 55 f With 3 X Core 25 sqmm Armoured Aluminum U.G. cable Mtr 55			switch housed in a Modular PVC switch Box including wiring					
complete. S.I.T.C.Of Z Nos of 6 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch and 1 No of 6/16 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring with 2x2.5 sqmm + 1x1.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete. Supply, Installation, Testing and Commissioning of power point with 16 Amp Switch and sockets housed in a Modular MS switch Box with Flush surface plate for Power Points including wiring with 2x4 sqmm + 1x2.5 sqmm Cu (green for earth) multistrand conductors in sreel conduits with all accessories as necessary complete. AC WIRING & TIMER (ATM) Supply Installation testing & commissioning of Ulversal AC controller for 2Acs with timer (ATM) including wiring multistrand conductors with all necessary complete supply, Installation, Testing and Commissioning of point for AC with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular MS Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x4 sqmm Cu (green for earth) multistrand conductors in steel conduits with all accessories as necessary complete. 4 SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V grade PVC insulated multi stand FRLS copper conductor cable confirming IS 694 through 25 mm dia rigid steel conduit on wall with MS bar saddle, interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. a With 2 X 2.5 Sq.mm. + 1x2.5 sqmm (green for earth). Mtr 0 b With 2 X 4 Sq.mm. + 1x 4 sqmm (green for earth). Mtr 0 c With 2 X 6 Sq.mm. + 1x 4 sqmm (green for earth). Mtr 5 d With 3 X Core 25 sqmm Armoured Aluminum U.G. cable Mtr 5 f With 3 X Core 25 sqmm Armoured Aluminum U.G. cable Mtr 55		b						
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5 LIGHTING FIXTURES :								
	5		LIGHTING FIXTURES :					

BOQ FOR ELECTRICAL AND LAN WORKS FOR CANARA BANK, GOHPUR BRANCH

Α		ELECTRICAL WORKS				
Sl.No.	1	Description of Item	UNIT	QTY	RATE	AMOUNT
	а	Supply, installation and testing of 36W LED Office compliant fully diffused recessed mounted 2'X2' LED with microprismatic diffuser suitable for indoor spaces of make Philips Model SoftGlow Cat No. RC380B LED36S-6500 G5 L60W60 PSU OD SG or equivalent. Rate to include cost of lamps. [CLT]		18		
	b	Supply, installation and testing of 15 W LED recess-mounted round panel with aluminium die cast housing downlighter of make Jaquar Model Neve Plus (Round) Cat No. LNEP01R015XC or equivalent. Rate to include cost of lamps. [DL]	No	24		
	С	Supply, installation and testing of 12W LED surface-mounted round panel with aluminium die cast housing 30mm height LED downlighter of make Jaquar Model Nero Surface (Round) Cat No. LNRO02R012SC or equivalent. Rate to include cost of lamps. [CL]	No	14		
	d	Supply, Installation, Testing and commissioning of 1x24 W Extruded Aluminium 4ft batten suitable for Surface, Wall & Conduit mounting (with accessories) of make Jaquar Model Glaze Cat No. BTI-WHT-LGLZ01X024XN or equivalent including lamps, drivers etc. as required complete. [TL]	No	6		
	е	Supply, Installation, Testing and Commissioning of 1x10 W LED Batten with High quality design extruded aluminium with decorative end caps, Frosted PMMA / PC diffuser, Constant current Isolated driver of make Jaquar Model Glaze LED Batten Cat No. LGLZ01X010XC or equivalent including lamps, drivers etc. as required complete. [ML]		1		
	f	Supply, Insatalaltion, testing and Commissioning of Angle batten holder of make Anchor Penta Code 38538 or equivalent make as required with 1x12W LED Lamp. (B K)	No.	0		
6	а	Ceiling Fan / Wall (Cabin Fan) / Exhaust Fan: Supply, Installation, Testing and Commissioning of 1200mm sweep Ceiling Fans with connection of make Orient Model SUMMERKING (XI Aluminium Blades) or equivalent with all accessories.	No	2		
	b	Supply, Installation, Testing and Commissioning of 300mm sweep Exhaust Fans with connection from existing 6A socket outlet (rate for socket and connection to the socket to be taken separately)	No	6		
	С	Supply, Installation, Testing and Commissioning of 450 mm sweep Wall mounted Fans with connection from existing 6A socket outlet (rate for socket and connection to the socket to be taken separately)	No	10		
7		Earthing System:		\vdash		
	а	Supply, Installation, Testing and Commissioning of Copper Plate Type Earth Pit as per I.S. 3043. Concrete Chamber with Mettalic cover, Funnel for adding water and Earth Strip Connector etc must be provided complete.	No	4		

TOTAL PAGES 6

	BOQ FOR ELECTRICAL AND LAN WORKS FOR								
	CANARA BANK, GOHPUR BRANCH								
Α		ELECTRICAL WORKS							
SI.No.	,	Description of Item	UNIT	QTY	RATE	AMOUNT			
	b	Repairing of existing Pipe/Plate Earthing including digging soil, filling with Salt and Charcoal, cleaning all debries and refillling with soil making concrete chamber, metallic cover, funnel etc. as necessary with suitable provision for connection with earth strip etc. complete.	No.	2					
	С	Supply, Installation, testing & Commissioning of 2Nos 10Sqmm PVC copper wires taken together in rigid Steel Conduit from Earth Pit to main 63A 4P MCCB in metal Boxes at the out put of branch Meter (2nos)	Mtr	25					

BOQ FOR ELECTRICAL AND LAN WORKS FOR CANARA BANK, GORPUR BRANCH A ELECTRICAL WORKS SI.No. Description of Item Second set of 2X 6 Sq.mm. PVC earth wires in Conduit to be taken from Earth Pit directly to the UPS room and connected of to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and connected to UPS Output D. B. from Earth Pit directly to the UPS of ATM and the UPS of ATM a			DOO FOR ELECTRICAL AND LANGUED	VC FOD				
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BOQ OF LAN - DATA & TELEPHONE SLN TTEM DESCRIPTION	8	а	Supply, Installation, Testing and Commissioning of Light Point with Timers for Branch & ATM Glow Sign Board whose	No	2			
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B SLN TEM DESCRIPTION QTY UoM RATE AMOUNT 1								
Unshielded Twisted Pair CAT-6 cable laid through round PVC conduits 1 Unshielded Twisted Pair CAT-6 cable laid through round PVC conduits 2 CAT-6 RJ-45 information outlets 16 nos 4 1 mtr Cat-6 UTP patch cord 5 2 mtr Cat-6 UTP patch cord 6 CAT-6 RJ-45 loaded 24 port patch panel 7 24 port 10/100/1000 mbps Gigabit unmanaged Layer-2 switch 8 12 U wall mounted equipment rack 1 no 9 2PSTN 16 etension IP type hybrid rack mounted EPABX 1 TOTAL AMOUNT B 1 TOTAL AMOUNT B 1 Steel Conduit 3 Wires & cables Polycab/Havells/R.R./Finolex 4 Modular Switches, Sockets etc Legrand/Hager/M.R./Havells/ 5 Just OF Approve Mates 4 MCCB Same As Above	_		BOQ OF LAN - DATA & TELEPH	HONE	ı	1	1	
1 Unshielded Twisted Pair CAT-6 cable laid through round PVC conduits 2 CAT-6 RJ-45 information outlets 1 Dual Port Face Plates 3 Dual Port Face Plates 4 1 mtr Cat-6 UTP patch cord 5 2 mtr Cat-6 UTP patch cord 6 CAT-6 RJ-45 loaded 24 port patch panel 7 24 port 10/100/1000 mbps Gigabit unmanaged Layer-2 switch 8 12 U wall mounted equipment rack 1 no 9 2PSTN 16 etension IP type hybrid rack mounted EPABX 1 TOTAL AMOUNT B 1 TOTAL AMOUNT B 1 Grand Total of Electrical and Lan works (A+B) 1 Steel Conduit 5 Steel Conduit 8 BEC/Precision/Universal/VIP/ 2 Ceiling Junction Boxes Amar/Home lite Polycab/Havells/R.R./Finolex Legrand/Hager/M.K./Havells/ Jaquar/Philips/Wipro/Crompton/ Hagger/Legrand/ABB/L&T 7 Distribution Boards Same As Above	B	SLN	ITEM DESCRIPTION	QTY	UoM	RATE	AMOUNT	
3 Dual Port Face Plates 8 nos			Unshielded Twisted Pair CAT-6 cable laid through round PVC	480	mtrs			
4 1 mtr Cat-6 UTP patch cord 16 nos 5 2 mtr Cat-6 UTP patch cord 16 nos 6 CAT-6 RJ-45 loaded 24 port patch panel 7 24 port 10/100/1000 mbps Gigabit unmanaged Layer-2 switch 8 12 U wall mounted equipment rack 1 no 9 2PSTN 16 etension IP type hybrid rack mounted EPABX 1 no TOTAL AMOUNT B Grand Total of Electrical and Lan works (A+B) LIST OF APPROVED MATERIALS DESCRIPTION Approved Makes 1 Steel Conduit BEC/Precision/Universal/VIP/ 2 Ceiling Junction Boxes 3 Wires & cables 4 Modular Switches, Sockets etc Legrand/Hager/M.K./Havells/ 5 Lighting Fixtures Jaquar/Philips/Wipro/Crompton/ 6 M.C.B./RCCB/RCBO etc 1 Same As Above 5 Same As Above 5 Change Over Switches L.& T./Hagger/H.P.L./A.B.B./Standard 10 End Termination accessories		2	CAT-6 RJ-45 information outlets	16	nos			
4 1 mtr Cat-6 UTP patch cord 16 nos 5 2 mtr Cat-6 UTP patch cord 16 nos 6 CAT-6 RJ-45 loaded 24 port patch panel 7 24 port 10/100/1000 mbps Gigabit unmanaged Layer-2 switch 8 12 U wall mounted equipment rack 1 no 9 2PSTN 16 etension IP type hybrid rack mounted EPABX 1 no TOTAL AMOUNT B Grand Total of Electrical and Lan works (A+B) LIST OF APPROVED MATERIALS DESCRIPTION Approved Makes 1 Steel Conduit BEC/Precision/Universal/VIP/ 2 Ceiling Junction Boxes 3 Wires & cables 4 Modular Switches, Sockets etc Legrand/Hager/M.K./Havells/ 5 Lighting Fixtures Jaquar/Philips/Wipro/Crompton/ 6 M.C.B./RCCB/RCBO etc 1 Same As Above 5 Same As Above 5 Change Over Switches L.& T./Hagger/H.P.L./A.B.B./Standard 10 End Termination accessories								
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9 2PSTN 16 etension IP type hybrid rack mounted EPABX 1 no TOTAL AMOUNT B Grand Total of Electrical and Lan works (A+B) LIST OF APPROVED MATERIALS DESCRIPTION Approved Makes 1 Steel Conduit BEC/Precision/Universal/VIP/ 2 Ceiling Junction Boxes Amar/Home lite 3 Wires & cables Polycab/Havells/R.R./Finolex 4 Modular Switches, Sockets etc Legrand/Hager/M.K./Havells/ 5 Lighting Fixtures Jaquar/Philips/Wipro/Crompton/ 6 M.C.B./RCCB/RCBO etc Hagger/Legrand/ABB/L&T 7 Distribution Boards Same As Above 8 MCCB Same As Above 9 Change Over Switches L.& T./Hagger/H.P.L./A.B.B./Standard 10 End Termination accessories		8	12 U wall mounted equipment rack	1	no			
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10 End Termination accessories Dowells/Usha/Brecco/Cosmos	8		мссв	Same As Above				
	9		Change Over Switches	L.& T./Hagger/H.P.L./A.B.B./Standard				
11 Fans/Exhaust fans Orient/Crompton/Bajaj/Havell/ USHA				_			-	
	11		Fans/Exhaust fans	Orie	nt/Cror	mpton/Bajaj,	/Havell/ USHA	