Intornal

	<u>Internal</u>				
	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR	•	_	_	_
	FRLS wires and DB's of Double Door to be used.				
	Type of wiring	Conce			
	Casing capping (as per approval)			cision (ISI gra	,
	PVC pipe and accessories			cab / Swastik	, ,
	Wires				make with flexible
	Computer DataCable			' Awaya make	
	cable				make (ISI grade)
	MCB / MCB DB			/ Siemens (IS	,
	ELMCB			/ Siemens (IS	
	Ft. tubes & fixtures				Havells / Bajaj
	Ceiling fans			ves / Havells	/ Usha
	screws	Nettlefo			
	Earthing material			pper and with	charcoal
	Switch fuse unit		nake (ISI	,	
	Switches/sockets & accessories			or Roma Mod	ular type
	switchboards	Conce	aled mod	lular type	
	Copper strip type busbar	Havells	s / Standa	ard make	
	ONLINE UPS	Fuji / V	'ertiv		
	SMF Batteries	Exide /	Amaron		
	Offline UPS / Inverter	Microte	ek / Have	lls	
	Tubular Batteries	Exide /	Amaron		
SR	SUMMARY				AMOUNT
Α	TOTAL OF MAIN PANEL / DB's / MCCBs :-				-
В	TOTAL OF CABLES & TERMINATIONS				-
С	TOTAL OF POINT WIRING				-
D	TOTAL OF FIXTURES				-
Е	TOTAL OF EARTHING SYSTEM				-
F	TOTAL OF TELEPHONE SYSTEM				-
G	TOTAL OF DATA CABLING SYSTEM				-
	TOTAL FOR ELECTRICAL WORKS				
	DISCOUNT OFFERED -	0%			_
		1 2,0		 	
	GRAND TOTAL FOR ELECTRICAL WORK			 	_
—	The state of the s			 	GST extra
	Amt. in Rs. : - Rs. Only.	<u> </u>		 	55. O/M/G
	runa mirrori. Roi Omy.				GST extra
				 	JOT GALIA
	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR			 	
SR.			071/	D.4.T.C.	AMCHIT
NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	MAIN PANEL / DISTRIBUTION BOARDS / MCCBs :-				
1	Meter room Mains MCCB's				
	Supplying & Installing 63A, FP MCCB in Sheet Steel Enclosure,				
	complete with Gland Box etc				
	a. 63 A FP MCCB 10kA	Nos.	1.00		-
	b. Sheet steel Enclosure Box for FP MCCB	Nos.	1.00	ļ	-
				<u> </u>	

	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR				
SR.	ITEM	UNIT	QTY	RATE	AMOUNT
2	MCB DISTRIBUTION BOARDS				
	SITC sheet metal fabricated & powder coated Double Door Type MCB				
	Distribution Boards (surface/flush mounted). DB's shall have MCB/MCCB				
	as incomer, RCCB as sub-incomer & SP/DP/TP MCB as outgoing,				
	complete with Per Phase Isolation. All MCBs of C characteristics and 10				
	KA breaking capacity & ELCB's, RCCB's, RCBO's should be of 100mA				
	sensitivity. The DB shall have appropriate no. of top & bottom knock outs				
	for outgoing circuits & shall be complete with necessary bus bars,				
	interconnecting terminals & earth studs. All terminations in DB shall be				
	complete with feruling, dressing with lugs & all circuits shall be properly				
	labeled with PVC strip (sticker type) having identification as per the final				
	approval of the Consultant.				
	SITC Mains DB,	Noo	1.00		
	6 way VTPN - MCB DB,	Nos.			-
\vdash	63 A - 01 no FP MCB as incomer	Nos.	1.00 2.00		_
	25 A - 02 no TP MCB outgoing 32 A - 03 no TP MCB outgoing	Nos.	3.00		_
	50 A - 01 no TP MCB outgoing	Nos.	1.00		
	OV A VI IIV II WIOD outgoilly	1403.	1.00		
2.2	SITC LIGHTING DB				
	4 way TPN - MCB DB,	Nos.	1.00		-
	25 A - 01 no FP MCB as incomer	Nos.	1.00		-
	10A - 11 no SP MCB outgoing	Nos.	11.00		-
	25A - 1 no SP MCB outgoing	Nos.	1.00		-
2.3	SITC RAW POWER & AC DB				
	4 way TPN - MCB DB,	Nos.	1.00		-
	50 A - 01 no FP MCB as incomer	Nos.	1.00		-
	20 A - 12 no SP MCB outgoing	Nos.	12.00		-
2.4	SITC UPS DB				
	12 way SPN - MCB DB,	Nos.	1.00		-
	32 A - 01 no DP MCB as incomer	Nos.	1.00		-
	20A - 8 no SP MCB outgoing	Nos.	8.00		-
2.5	SITC INVERTER DB				
	8 way SPN - MCB DB,	Nos.	1.00		_
	25 A - 01 no DP MCB as incomer	Nos.	1.00		
	10A - 6 no SP MCB outgoing	Nos.	6.00		
	10A - 0 IIO OF WED Outgoing	1403.	0.00		
2.6	UPS/inverter input / output DB's				
	SITC 4 way - MCB with Box, for UPS Input and For switching off the				
	lighitng DB near main gate to switch OFF all the light points after office				
	hours				
	Sheet steel Enclosure Box for FP MCB	Nos.	2.00		-
	32/25 A - FP MCB	Nos.	2.00		-
b.	SITC 2 way - MCB with Box, for UPS output				
	Sheet steel Enclosure Box for DP MCB	Nos.	1.00		-
	32/25 A - DP MCB	Nos.	1.00		-
	CITC 2 way. MCD with Day for lawaring lawy to Colored				
C.	SITC 2 way - MCB with Box, for Inverter Input & Output	Noc	2.00		
	Sheet steel Enclosure Box for DP MCB 25 A - DP MCB	Nos.	2.00		_
	ZJA- Dr IVIOD	1105.	2.00		
2.6 △	MCB BOX				
A					
	SITC 4 way - MCB with Box, for switching off the lighitng DB near main				
	gate to switch OFF all the light points after office hours				
	Sheet steel Enclosure Box for FP MCB	Nos.	1.00		-
	32/25 A - FP MCB	Nos.	1.00		-
	-				1

SR.	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR				
NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	SITC 2 way - MCB with Box, for Cassette AC, at Out Door Unit				
	Sheet steel Enclosure Box for DP MCB	Nos.	2.00		
	32 A - DP MCB	Nos.	2.00		
	SITC 2 way - MCB with Box, for UPS Input / Output				
	Sheet steel Enclosure Box for DP MCB	Nos.	2.00		
	32/25 A - DP MCB	Nos.	2.00		
	SITC 2 way - MCB with Box, for Signage				
	Sheet steel Enclosure Box for DP MCB	Nos.	1.00		
	25 A - DP MCB	Nos.	1.00		
2.7	Supplying & Installing 20 A Power Socket points complete MS				
	concealed box, Modular Switch plate, 20A Modular Socket, controlled by				
	a Modular 20 / 25A SP MCB with necessary screws, nylon plug, Saddles,				
	hardware etc. including cost of 2x4.0 sqmm + 1x2.5 sqmm PVC insulated				
	FRLS copper Wires and 25mm/20 mm PVC conduit, For High Wall/Cassete				
	Split AC Units	Nos.	7.00		
	Rate in words : -				
	A. TOTAL OF MAIN PANEL / DB's / MCCBs :-				
_	CARLEC & TERMINATIONS				
В	CABLES & TERMINATIONS Supply and Laying of following LT cables confirming to IS 1554 (part 1)				
	with necessary M.S. clamps. All such cables shall be provided with				
	temporary labeling at every 20 mtr. & then finally with metal identification				
	tags showing the size & the location from/to the specific panel/DB at both				
	the ends. The cost shall include terminations of all the armoured cables				
	using Siemens type single compression, chrome plated brass cable glands				
	& crimp type tin copper lugs, Bimetallic lugs are to be provided wherever				
	two different type conductors are present, Insulation tape etc. as required				
	complete with earthing of glands.				
	complete man caraming of grander				
1	Aluminium Armoured Cables				
a.	4 C x 16 Sq.mm Aluminium AYFY <u>Armoured Cables</u> ,	Rmt	75.00		
	from Pole to MSEB Meter to Main DB Rate in words:-				
2					
	Copper Flexible Cables 3C x 4 Sq.mm Copper Flexible Cables,	Rmt	20.00		
a.	from UPS Output to UPS DB Incoming MCB	IXIII	20.00		
	Rate in words : -				
b.	4C x 6 Sq.mm Copper Flexible Cables,	Rmt	20.00		
	from Mains DB to Raw Power & AC DB Incoming MCB				
	Rate in words : -				
C.	4C x 4 Sq.mm Copper Flexible Cables,	Rmt	40.00		
	from Main DB to UPS Input MCB & Main DB to Lighting DB Incoming MCB				
	Rate in words : -				

	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR				
SR.	ITEM	UNIT	QTY	RATE	AMOUNT
3	Flexible cables Supplying & laying following size of 1.1 KV grade PVC insulated flexible				
	copper cables through the Metalic Flexible Pipe neatly clamped where				
	ever required using Spacer plates, GI saddles, including fixing with PVC /				
	Brass glands and termination of cables using suitable crimp type tin copper lugs at both ends.				
a	4 C x 10 sq.mm. Cu flexible cables, <i>for UPS Input MCB to UPS terminal</i>	Rmt	10.00		-
<u> </u>	Rate in words:	Donat	10.00		
b	3 C x 6 sq.mm. Cu flexible cables, for UPS Output MCB to UPS terminal	Rmt	10.00		-
	Rate in words : -				
С	3 C x 2.5 sq.mm. Cu flexible cables, for Signage and inverter charging	Rmt	100.00		-
4	Rate in words:- Supplying and erecting programmable digital timer microcontroller based	No.	1.00		
u	with real time clock to operate on derived switching "ON" and switching		1.00		-
	"OFF" glow sign board light as per daily sunset and sunrise respectively				
	automatically having 4 digit LED continuous time display erected in M.S.				
	box.				
	B. TOTAL OF CABLES & TERMINATIONS				-
	POINT WIRING				
1	POWER POINTS SITC of following concealed Power Point Wiring using 1100V grade 3C x				
	2.5 sq.mm. PVC insulated, PVC Sheathed White Colored flexible copper				
	FRLS cable, laid through 20mm / 25mm size MMS Grade, PVC conduits.				
	All cabling / conduiting below false ceiling shall be concealed. Each circuit feeding not more than 3 Tables / Work Stations). The rate shall include				
	cabling including conduit cost from DB to mentioned Power Points. (No				
	seperate measurements for circuit wiring & PVC Conduits)				
	Daine and LIDO or a in to	Nia	10.00		
a.	Primary UPS points Rate in words : -	No	10.00		-
	Supplying & Installing Primary UPS or Stabilized Power points on				
	workstations / tables for computers using 3C x 2.5 Sq.mm PVC sheathed				
	white color flexible copper FRLS cable pulled through 25mm size				
	MMS Grade PVC conduites, laid on surface above false ceiling and taken upto table top using 25/20 mm size MMS Grade PVC rigid or flexible				
	conduits run within wooden or metal partitions.				
	Each point consisting of 2 Nos of 6A, 5 Pin Modular sockets and 1 No.				
	of 6/16A, 6 pin socket controlled by 1 No 20A Modular switch, wired together forming one point. Earth wire to be of Green colour only. Switch				
	should be above table top & sockets should be below table top				
	Only 3 tables served by one circuit from UPS DB. The Rate should be				
	including the cost of Conduits, Cables, Switch boards, internal looping wires, necessary Gang Box, PVC box, Modular Plates of other color,				
	Modular Switches, Sockets, Compete Job with necessary screws, nylon				
	plug, Saddles, hardware. Etc. All Switch Boards should be Properly				
	numbered for identifications.				
b.	Secondary UPS points	No	4.00		-
	Rate in words : -				
	Supplying & Installing Secondary UPS or Stabilized Power points on				
	workstations / table for computers using 3C x 2.5 Sq.mm PVC sheathed				
	white color flexible FRLS copper cable pulled through 25mm size MMS Grade PVC conduites, laid on surface above false ceiling and taken upto				
	table top using 25/20 mm size MMS Grade PVC rigid or flexible conduits				
	run within wooden or metal partitions.				

	DOG FOR ELECTRICAL WORK FOR VENEZUATION AT MANAGEMENT	1		T	
SR.	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR				
NO.	ITEM	UNIT	QTY	RATE	AMOUNT
	Each point consisting of 2 Nos of 10A, 5 Pin Modular sockets and 1 No.				
	of 6/16A, 6 pin socket controlled by 1 No 20A Modular switch, wired				
	together forming one point. Earth wire to be of Green colour only. Switch				
	should be above table top & sockets should be below table top				
	for 2 table served by the same circuit from adjascent Primary point.				
	The Rate should be including cost of Cable, Switch board internal looping wires, necessary Gang Box, PVC box, Modular Plate of other color,				
	Modular Switches, Sockets, Compete Job with necessary screws, nylon				
	plug, Saddles, hardware. Etc. All Switch Boards should be Properly				
	numbered for identifications.				
C.	Primary 10/20 A power points, for Printers / Pantry / Hot Plate / Water cooler	No	3.00		-
	etc				
	Rate in words : -				
	Supplying & Installing Primary 10/20 A Power Socket points using 2 X				
	4.0 Sq.mm. + 1 X 1.0 Sq.mm. PVC insulated multistanded FRLS Grade				
	flexible copper wires (with proper color code) pulled through haevy gauge PVC conduits.				
	Each point consisting of 1 Nos of 10/20 A Modular sockets controlled by				
	1 Nos of 20A Modular switch, wired together forming a point. Earth wire				
	to be of Green colour only.				
	Only 2 Sockets served by one circuit taken from Raw Power & ACDB				
d.	Secondary 5/15 A power points, for Printers / Pantry / Hot Plate / Water	No	3.00		-
	cooler				
	Rate in words : -				
	Supplying & Installing Secondary 10/20 A Power Socket points using 2 X				
	2.5 Sq.mm + 1 X 1.0 Sq.mm PVC insulated multistanded FRLS Grade				
	flexible copper wires (with proper color code) pulled through haevy gauge				
	PVC conduits.				
	Each point consisting of 1 Nos of 6/16 A Modular sockets controlled by				
	1 Nos of 20A Modular switch, wired together forming a point. Switch should be above table top & sockets should be below table top				
	should be above table top & sockets should be below table top				
	The circuit should be taken from another Primary 15 A Power Socket Point				
	only, whose circuit taken from Raw Power & ACDB				
2	LIGHT POINT WIRING				
	SITC of following concealed point wiring using 1100V grade 3C x 1.5				
	sq.mm. copper conductor PVC insulated FRLS wires (with proper R,Y,B				
	colour code) pulled through 25mm / 20mm Size, MMS Grade PVC				
	conduits. All wiring below false ceiling shall be concealed. The wires from				
	ceiling junction to light points shall be drawn in flexible PVC conduit with				
	adaptor & cover for junction box & crimp type lugs at both ends. Each				
	circuit feeding not more than average 12 points (800 watts). The rate shall include circuit wiring (2C x 2.5 sq.mm. + 1C x 1.0 sq.mm.) from Lighting				
	DB to switchboard and to the fixtures. (No seperate measurements for				
	circuit wiring & PVC Conduits)				
a.	Primary Light points	No	46.00		-
<u>.</u>	Rate in words : -		. 5.50		
	SITC 5A Primary light points including MS concealed box, grid plate, 6A				
	switch & circuit wiring.				<u> </u>

	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR				
SR.	ITEM	UNIT	QTY	RATE	AMOUNT
NO.	112.11	O.V.	٠	10412	Amount
b.	Secondary Light points	No	11.00		_
	Rate in words : -				
	SITC 5A Secondary light points looped from primary light point. All MCB controlled light points will be considered as secondary light points.				
_	Primary 5 A socket points	No	2.00		_
<u> </u>	Rate in words : -	NO	2.00		_
	SITC Primary 5 A Socket points using circuit wiring (with proper color code) pulled through medium gauge PVC conduits. Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch , wired together forming a point with Green colour Earth wire.				
	Coordany / Consusts E. A. cooket mainte (ather them on Board when	No	3.00		
a.	Secondary / Separate 5 A socket points (other than on Board plug points) Rate in words:-	No	3.00		-
	SITC Separate Secondary 5 A Socket points using circuit wiring (with proper color code) pulled through medium gauge PVC conduits. These points should be looped from the nearest Lighting Switch Board or from Primary 5A Socket Points.				
	Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch, wired together forming a point with Green colour Earth wire.				
e.	Secondary 5 A socket points (on Board plug points)	No	15.00		-
	Rate in words : -				
	SITC Secondary 5 A Socket points using circuit wiring (with proper color code) pulled through haevy gauge PVC conduits. These points are installed on the Lighting Switch Board.				
	Each point consisting of 1 Nos of 5 A sockets controlled by 1 Nos of 6A switch, wired together forming a point. Earth wire to be of Green colour only.				
	Full quest fam NA/All Form resints	No	17.00		
Ι.	Exhaust fan/Wall Fan points Rate in words : -	INO	17.00		-
	SITC of concealed point wiring for Exhaust fan and Wall fan using 1100V grade 3C x 1.5 sq.mm. copper conductor PVC insulated FRLS wires (with proper R,Y,B colour code) pulled through 25mm / 20mm Size, MMS Grade PVC conduits. All wiring below false ceiling shall be concealed. The wires from ceiling junction to fan points shall be drawn in flexible PVC conduit with adaptor & cover for junction box & crimp type lugs at both ends. The rate shall include circuit wiring (2C x 2.5 sq.mm. + 1C x 1.0 sq.mm.) from Lighting DB to switchboard and to the Exhaust fan and Wall fan. (No seperate measurements for circuit wiring & PVC Conduits)				
	Each Exhaust Fan and wall fan will be operated on seperate switch, Rate should be including the cost of 5 A switch, 4 way closed 5A connector & Mounting Plates				
-	Coiling fan noints	No	4.00		
<u>g.</u>	Ceiling fan points Rate in words : -	INO	4.00		-
	SITC Ceiling Fan point operated on seperate switch shall be Controlled by 2 Module, Step type Fan regulator, Rate should be including the cost of Fan hook, Suspending suitable fan rod, Connecting cord and Step type Fan Regulator				
					1

	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR	l			Ī
SR.		UNIT	OTV	RATE	AMOUNT
NO.	ITEM	UNII	QTY	KAIE	AMOUNT
h	Bell points	No	2.00		_
- 111	Rate in words : -	140	2.00		
	SITC Bell point consisting of 5A Modular Bell switch & Suitable Bell,				
	Bell switch to be installed in Manager Cabin and in Strong room. The				
	Sound of both the bells should be different)				
	C. TOTAL OF POINT WIRING				_
D	FIXTURES				
	SITC of following concealed / surface mounted fixtures of makes as				
	specified with all fixture accessories like suitable tubes/ bulbs/ ballast &				
	internal wiring etc. The contractor has to assemble & install the said				
	fixtures at position with necessary hardware required for installation like S-				
	hook, chain link etc. as per requirement.				
1	LED tube lights 4'	No	10.00		-
	Rate in words : -	ı	1		
	SITC 1200 mm Long Surface/Wall Mounted extruded Aluminium channels,				
	with 20 w LED Tube light fixtures complete. Rate should be including the				
	cost of Fixture, Suspending suitable rods, other accessories & hardware				
	etc. Model : BN021 LED25S 6500 PSU GR S1,				
	Make: Crompton Model: Linea LDLL20-CDL, LDLL20-WW				
	Make: Wipro, Model: Garnet D532065, D552065				
	Make: Havells Model: E-Lite LED Pride Pus LHEXBLP7PN1W020				
	Make. Havelis Widder. E-Lite LED Filde Fus LileAble77FN1W020				
2	LED tube lights 2'	No	3.00		_
	Rate in words : -	110	0.00		
	SITC 600 mm Long Surface/Wall Mounted extruded Aluminium channels,				
	with 10 w LED Tube light fixtures complete. Rate should be including the				
	cost of Fixture, Suspending suitable rods, other accessories & hardware				
	etc.				
3	15 w Down lighter with LED	No	26.00		-
	Rate in words : -	1			
	SITC 15 w White Powder Coated Housing LED Round / Square Down				
	Lighter with High Efficiency LEDs & Ballasts				
	Make: Philips, Model: DN193B LED12S-6500 PSU WH S1				
	Make: Crompton, Model: Star Dura LSDRSD-18W-CDL/ NW/ WW, Make: Wipro, Model: Garnet Wave D541565, Infinity Wave DG11565, DG12065				
	, , , , , , , , , , , , , , , , , , , ,				
	Make: Havells, Model: Fazer Neo LHEBMCP7IW1W015, LHEBMCP7IW1W020				
	600 v 600 mm anuara I ED nanal fittings	Nic	17.00		
4	600 x 600 mm square LED panel fittings Rate in words:-	No	17.00		-
	SITC 36 / 40 w LED Panel of 600mm X 600mm size, Square, Powder				<u> </u>
	coated Recess mounting LED Light Fitting				
	Make: Philips, Model: RC380B G2 LED28S / RC140B G2 LED31S-6500 PSE OD WH				
	Make: Crompton, Model: LCTLR-36-CDL 36 w, LCPL-36-TL(2X2)				
	Make: Wipro, Model: Gartnet D424065, D414065 CRCO10R038HP57				
	Make: Havells, Model: Venus Neo PLR36WLED865PO, Plano PLR42WLED865S				
	,				
			<u>L</u>		<u> </u>

	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR				
SR. NO.	ITEM	UNIT	QTY	RATE	AMOUNT
5	Fans				
_	Supplying & Installing following mentioned Aluminum, medium duty,				
	powder coated with glossy color Ceiling Fans / Wall Fans / Exhaust Fans				
	with necessary clamps hook, bracket, hardware etc				
a.	SITC 1200 mm sweep Ceiling fans Complete with Mounting rod, Clamps,	No	4.00		-
	Locking pin etc. (Color -White / Ivory / Brown) Rate in words : -				
	Tato III Words .				
b.	SITC 250mm sweep Exhaust fan of metal body & blade with louvers on the	No	4.00		-
	outside				
	Rate in words : -	ı			
	OUTO 400	NI-	40.00		
C.	SITC 400mm sweep Wall fan of 1350 RPM. Oscillating type, metal blades chrome plated guard with speed regulator and moisture proof treatment to		10.00		-
	winding and with 'E' class insulation.				
	Rate in words : -	<u> </u>	<u> </u>		
	D. TOTAL OF FIXTURES				-
_					
	EARTHING SYSTEM				
1	Plate Earthing				
	S & I of Earthing Pit / Earth Electrode Station into the true ground level by				
	using GI / Copper Plate type earthing with necessary excavation in soft				
	soil, including Pouring Charcoal & Salt (Approximately) 50kg each per Pit				
	with Predrilled 50mm dia B class GI Pipe-2.5 Mtr In length, GI Funnel with				
	wiremesh, 35 x 5mm Gl/Cu Earthing Strip, Complete job with necessary				
	construction of appropriate sized Earthing PIT masonary Chamber with				
	providing CI hinged chamber cover, Nutbolts, Earthing Testing Link, Hardware, Numbering of Chamber by using water proof paint. For more				
	details refer IS 3043-1987 Brazing for Cu & Welding for GI Plate to pipe &				
	Strip shall be done with coating by anti-corrosive paint				
			4.00		
b.	CU Plate earthing. Rate in words : -	No	4.00		-
	Copper earthing pit made up of 600 x 600 x 3 mm thick, copper electrode	1			
	including 25 x 5 mm Copper strip.				
2	Earthing Wires				
	SITC of insulated copper earthing wire laid through 20 mm PVC conduits from separately made earth pit to the equipment in following sizes				
	Inom separately made earth pit to the equipment in following sizes				
	Rate in words : -	<u>. </u>	<u>. </u>		
	OF-rame as F many think OI atting	Doort	00.00		
b.	25mm x 5 mm thick GI strip Rate in words : -	Rmt	20.00		-
- C	Single core, 6 sqmm FRLS PVC insulated multi threaded, flexible copper	Rmt	100.00		_
.	cable laid through 20 mm size, MMS Grade PVC Conduites				
	Rate in words : -		<u> </u>		
3	Main Earth Bus	No	2.00		-
	Supplying & Installing of Main bus for isolated earth comprising of 200mm				
	x 40mm x 6mm thick copper bar fixed on insulated support and having 20 nos of holes and nut bolts studs for clamping the earth leads, all contained				
	in MS/PVCbox of size 300mm x 200mm x 50mm deep and having				
	transparent acrilic inspection cover as approved by Bank / Architect.				
	Rate in words : -	I			
	E. TOTAL OF EARTHING SYSTEM				-
	TELEPHONE / VOICE CABLING AND OUTLETS				
1	Telephone points	No	2.00		-
	Rate in words : -				<u> </u>

	BOQ FOR ELECTRICAL WORK FOR NEW BRANCH AT MANCHAR				
SR.	ITEM	UNIT	QTY	RATE	AMOUNT
NO.	112111	0	٠	TOTTE	7
	Providing and laying 2 Pair Grey Color 0.5mm Tinned Cu , PVC insulated				
	cable for Telephone / Voice, laid through 20 / 25 mm size, MMS Grade				
	PVC Conduites and Supplying & terminating with RJ-11 Telephone Jack /				
	Outlet with face plates in suitable modular PVC / MS box from EPABX /				
	Krone Tag Box to the work stations and terminate the other on a 10 pair				
	Krone module installed in a Krone Tag box, complete with numbering of				
	each cable with Ferule and Telephone Connection Chart (No seperate				
	measurements for PVC Conduits)				
	Rate in words : -	ı			
	F. TOTAL OF TELEPHONE SYSTEM				-
G	DATA CABLING SYSTEM				
1	Data points	No	11.00		_
- '-	Rate in words : -	INU	11.00		-
-	Supplying and laying D-Link / Molex / Awaya / Amps make, Cat 6 cable for	I			
	Data, laid through 20/25 mm size, MMS Grade PVC conduites and				
	providing & terminating with RJ-45 Information Outlet Ports with face				
	plates in suitable modular PVC / MS box from Server Rack/ Patch Panel/				
	Data Switch to individual work stations & terminating other end with RJ-45				
	connector including numbering with ferule (No seperate measurements for				
	PVC Conduits)				
	·				
2	Supplying & laying Cat-6, RJ-45, 1 m. length Data Patch Cords,	No	11.00		-
	Make : D-Link / Molex / Awaya				
	Rate in words : -	ı	1		
	Destruction of the Different Property of the	NI-	44.00		
3	Supplying & laying Cat-6, RJ-45, 2 met length Data Patch Cords,	No	11.00		-
	Make : D-Link / Molex / Awaya				
	Rate in words : -	•			
4	Patch panel				
	Supplying and Installing D-Link make, preloaded, Cat-6, RJ-45, 16 Port	No	1.00		_
u.	Patch Panel, complete with terminations & numbering with ferule	''	1.00		
	Rate in words : -	Π			
5	Supplying & Installing D-Link / HCL / iBall make 12-U Networking Wall	No	1.00		-
	mounting rack, complete with following mentioned accessories				
	* 2U Horizontal Cable Manager				
	* Power Distribution Unit / Power Strip of 6 Sockets				
	* Cooling Fans				
	* Cantilever Trays / Shelves				
	* Hardware Packet				
	Rate in words : -	1			
	C TOTAL OF DATA CARLING SYSTEM				
}	G. TOTAL OF DATA CABLING SYSTEM				-
	TOTAL FOR ELECTRICAL WORKS				_
	(Amount in Words Rs.)
-					